

# Antioch City Council REGULAR MEETING

# Including the Antioch City Council acting as Housing Successor to the Antioch Development Agency

Date: Tuesday, June 28, 2022

Time: 4:15 P.M. – Closed Session

5:30 P.M. – Special Meeting/Study Session

7:00 P.M. - Regular Meeting

Place: Council Chambers

200 'H' Street

Antioch, CA 94509

City Council meetings are televised live on Comcast channel 24, AT&T U-verse channel 99, or live stream (at <a href="www.antiochca.gov">www.antiochca.gov</a>). Please see inside cover for detailed Speaker Rules.

#### PLEASE TURN OFF CELL PHONES BEFORE ENTERING COUNCIL CHAMBERS.

Lamar Thorpe, Mayor
Michael Barbanica, Mayor Pro Tem (District 2)
Tamisha Torres-Walker, Council Member District 1
Lori Ogorchock, Council Member District 3
Monica E. Wilson, Council Member District 4

Ellie Householder, City Clerk Lauren Posada, City Treasurer

**Cornelius Johnson**, Interim City Manager **Thomas Lloyd Smith**, City Attorney

In accordance with the Americans with Disabilities Act and California law, it is the policy of the City of Antioch to offer its public programs, services and meetings in a manner that is readily accessible to everyone, including individuals with disabilities. If you are a person with a disability and require information or materials in an appropriate alternative format; or if you require any other accommodation, please contact the ADA Coordinator at the number or address below at least 72 hours prior to the meeting or when you desire to receive services. Advance notification within this guideline will enable the City to make reasonable arrangements to ensure accessibility. The City's ADA Coordinator can be reached @ Phone: (925) 779-6950, and e-mail: <a href="mailto:publicworks@ci.antioch.ca.us">publicworks@ci.antioch.ca.us</a>.

#### **SPEAKER RULES**

Welcome to a meeting of the Antioch City Council. Your attendance is appreciated. The State Ralph M. Brown Act guarantees the public's right to address the City Council, within the framework of Speaker Rules. Because agendas encompass many business items, Speaker Rules enable the meeting to be efficiently conducted and concluded at a reasonable hour.

The City Council can only take action on items that are listed on the agenda. If you wish to speak about an item <u>not on the agenda</u>, the "Public Comments" section of the agenda is for you. Unagendized comments are provided until no later than 7:30 p.m. when the City Council moves on to agenda items. There is another opportunity for public comments at the end of the meeting.

If you wish to speak, either during "public comments" or during an agenda item, fill out a Speaker Request Form and place in the Speaker Card Tray near the City Clerk. This will enable us to call upon you to speak. Important: Please identify if the comment is for Announcement of Community Events, Public Comment, or a specific Agenda Item Number on your Speaker Request Form. No one may speak more than once on an agenda item or during "public comments." (Please see next page for additional information on public participation.)

Each speaker is limited to not more than three minutes under Public Comments and three minutes on non-public hearing agenda items. During public hearings, each side is entitled to one "main presenter" who may have not more than 10 minutes; all other speakers during public hearing items, are entitled to a maximum of 5 minutes. These time limits may be modified depending on the number of speakers, number of items on the agenda, or circumstances. Groups who are here regarding an item may identify themselves by raising their hands at the appropriate time to show support for one of their speakers.

During certain types of hearings, the applicant is allowed to give his or her presentation first. After all testimony is received, the applicant has an opportunity for rebuttal.

The "Consent Calendar" is a group of items which are determined to be routine. These items are usually considered all at once and approved without further discussion. If you are opposed to action which is recommended for an item on the "Consent Calendar," please submit a Speaker Request Form before the meeting, and place in the Speaker Card Tray near the City Clerk. This will enable the item to be removed from the "Consent Calendar" and call on you to speak.

After having heard from the public, the agenda item will be closed. Deliberations will then be limited to members of the City Council.

If the meeting appears to be going late, the City Council may decide to continue some items until a subsequent meeting. The City Council will try to make this determination around 10:00 p.m. It is the goal to stop discussing agenda items by not later than 11:00 p.m.

The City Council meets regularly on the second and fourth Tuesdays of the month at 7:00 p.m., with Closed Sessions often occurring before or after the regular meeting. The City Council also holds adjourned meetings and study sessions on other days.

#### **Notice of Availability of Reports**

This agenda is a summary of the actions proposed to be taken by the City Council. For almost every agenda item, materials have been prepared by the City staff for the Council's consideration. These materials include staff reports which explain in detail the item before the Council and the reason for the recommendation. The materials may also include resolutions or ordinances which are proposed to be adopted. Other materials, such as maps and diagrams, may also be included. City Council Agendas, including Staff Reports are posted onto our City's Website 72 hours before each Council Meeting. To be notified when the agenda packets are posted onto our City's Website, simply click on this link: <a href="https://www.antiochca.gov/notifications/">https://www.antiochca.gov/notifications/</a> and enter your e-mail address to subscribe. To view the agenda information, click on the following link: <a href="https://www.antiochca.gov/government/agendas-and-minutes/city-council/">https://www.antiochca.gov/government/agendas-and-minutes/city-council/</a>. Questions may be directed to the staff member who prepared the staff report, or to the City Clerk's Office, who will refer you to the appropriate person.

#### **Notice of Opportunity to Address Council**

The public has the opportunity to address the Council on each agenda item. Please see the Speaker Rules on the inside cover of this Agenda for additional information on public participation.

4:15 P.M. ROLL CALL – CLOSED SESSION – for Council Members – Council Members District 1

Torres-Walker, District 3 Ogorchock, District 4 Wilson and Mayor Thorpe

[Mayor Pro Tem (District 2) Barbanica – Absent]

PUBLIC COMMENTS for Closed Session - None

#### **CLOSED SESSION:**

1) CONFERENCE WITH LABOR NEGOTIATORS – pursuant to California Government Code section 54957.6; City designated representatives: Nickie Mastay, Jazzman Brown, and Jeff Bailey; Employee organizations: Antioch Public Works Association and Antioch Police Sworn Management Association.

No reportable action

2) CONFERENCE WITH REAL PROPERTY NEGOTIATONS – pursuant to California Government Code section 54956.8; Property: 515 East 18th Street, Antioch, CA (APNs 065-143-018 and 065-143-019); Agency Negotiation: Rosanna Bayon Moore, Assistant City Manager and Thomas Lloyd Smith, City Attorney; Negotiating Parties: Michael Heath, Esq.; Under Negotiation: Price and Terms of Payment.

No reportable action

3) PUBLIC EMPLOYEE PERFORMANCE EVALUATION: INTERIM CITY MANAGER. This closed session is authorized pursuant to Government Code section 54957.

No reportable action

#### 4:17 P.M. ADJOURNED TO CLOSED SESSION

5:31 P.M. ROLL CALL - SPECIAL MEETING/STUDY SESSION - for City Council Members - Council Members District 1 Torres-Walker, District 3 Ogorchock, District 4 Wilson and Mayor Thorpe [Mayor Pro Tem (District 2) Barbanica - Absent]

#### **PLEDGE OF ALLEGIANCE**

#### SPECIAL MEETING/STUDY SESSION

**SM-1.** CITY OF ANTIOCH 6TH CYCLE HOUSING ELEMENT UPDATE

Approved, 4/0

Recommended Action: It is recommended that the City Council:

- 1) Provide feedback on the draft Housing Element and
- 2) Motion to approve and submit the draft Housing Element to the California Department of Housing and Community Development (HCD) for review.

**CEQA:** An Environmental Impact Report (EIR) is being prepared to analyze impacts associated with the Housing Element update.

#### **PUBLIC COMMENT**

7:04 P.M. FIVE MINUTE RECESS

7:21 P.M. RETURNED FROM RECESS, ROLL CALL – Council Members District 1 Torres-Walker,
District 3 Ogorchock, District 4 Wilson and Mayor Thorpe
[Mayor Pro Tem (District 2) Barbanica – Absent]

MOTION TO ADJOURN SPECIAL MEETING/STUDY SESSION

Motioned to adjourn Special Meeting/Study Session at 7:22 p.m., 4/0

7:22 P.M. ROLL CALL – REGULAR MEETING – for City /City Council Members acting as Housing Successor to the Antioch Development Agency – Council Members District 1 Torres-Walker, District 3 Ogorchock, District 4 Wilson and Mayor Thorpe [Mayor Pro Tem (District 2) Barbanica – Absent]

PLEDGE OF ALLEGIANCE

CITY ATTORNEY TO REPORT OUT ON CLOSED SESSION

#### 1. PROCLAMATION

• Honoring Principal Louie Rocha on his Retirement from Antioch High School

Approved, 4/0

Recommended Action: It is recommended that the City Council approve the proclamation.

#### 2. ANNOUNCEMENTS OF CIVIC AND COMMUNITY EVENTS

- SESQUICENTENNIAL CONCERT IN THE PARK, Williamson Ranch Park July 2nd
- MILITARY TRIBUTE CONCERT, 2<sup>nd</sup> Street and E Street, Downtown Antioch July 3<sup>rd</sup>
- 4<sup>TH</sup> OF JULY COMMUNITY PARADE, Antioch Rivertown District July 4<sup>th</sup>

#### 3. ANNOUNCEMENTS OF BOARD AND COMMISSION OPENINGS

- SALES TAX CITIZENS' OVERSIGHT COMMITTEE
- CONTRA COSTA MOSQUITO & VECTOR CONTROL BOARD OF TRUSTEES
- ➢ BOARD OF ADMINISTRATIVE APPEALS

PUBLIC COMMENTS – Members of the public may comment only on unagendized items.

The public may comment on agendized items when they come up on this Agenda.

#### CITY COUNCIL COMMITTEE REPORTS/COMMUNICATIONS

#### **MAYOR'S COMMENTS**

## 4. CONSENT CALENDAR for City /City Council Members acting as Housing Successor to the Antioch Development Agency

#### A. APPROVAL OF COUNCIL MEETING MINUTES FOR MAY 24, 2022

Continued 4/0

Recommended Action: It is recommended that the City Council continue the Meeting

Minutes.

#### **B.** APPROVAL OF COUNCIL MEETING MINUTES FOR JUNE 14, 2022

Continued 4/0

Recommended Action: It is recommended that the City Council continue the Meeting

Minutes.

#### C. APPROVAL OF COUNCIL WARRANTS

Approved, 4/0

Recommended Action: It is recommended that the City Council approve the warrants.

#### D. APPROVAL OF HOUSING SUCCESSOR WARRANTS

Approved, 4/0

Recommended Action: It is recommended that the City Council approve the warrants.

## CONSENT CALENDAR for City /City Council Members acting as Housing Successor to the Antioch Development Agency – Continued

E. SECOND READING – ORDINANCE AMENDING ARTICLE 15 OF CHAPTER 5 OF TITLE 4 OF THE ANTIOCH MUNICIPAL CODE AND CHANGING THE PRIMA FACIE SPEED LIMIT ON VARIOUS ROADWAY (P.W. 282-3A) (Introduced on 06/14/2022)

Ord No. 2217-C-S adopted, 4/0

Recommended Action:

It is recommended that the City Council adopt the proposed ordinance amending Article 15 of Chapter 5 of Title 4 of the Antioch Municipal Code "Special Speed Zones" in order to change the prima facie speed limit on certain streets.

F. AB 361: RESOLUTION MAKING FINDINGS NECESSARY TO CONDUCT BROWN ACT MEETINGS BY TELECONFERENCE FOR THE CITY COUNCIL, BOARDS, COMMISSIONS, AND COMMITTEES

Reso No. 2022/108 adopted, 4/0

Recommended Action:

It is recommended that the City Council adopt the resolution authorizing remote teleconference/virtual meetings of the legislative bodies of the City of Antioch, which includes the City Council, boards, commissions, and committees.

G. RESOLUTION REQUESTING AND CONSENTING TO THE CONSOLIDATION OF ELECTIONS AND SETTING SPECIFICATIONS OF THE ELECTION ORDER FOR THE NOVEMBER 8, 2022, STATEWIDE GENERAL MUNICIPAL ELECTION FOR ELECTED OFFICIALS – COUNCIL MEMBERS DISTRICT 1 AND DISTRICT 4

Reso No. 2022/109 adopted, 4/0

Recommended Action:

It is recommended that the City Council adopt the resolution requesting and consolidation of elections with the Contra Costa County Elections Division, limiting the Candidate Statement word count to 250 words, and detailing filing cost expectations for the Statewide General Municipal Election on November 8, 2022, for elected officials – Council Members District 1 and District 4.

H. REQUEST TO THE EAST CONTRA COSTA REGIONAL FEE AND FINANCING AUTHORITY TO APPROVE THE SAND CREEK ROAD EXTENSION PROJECT AS A PRIORITY PROJECT

Reso No. 2022/110 adopted, 4/0

Recommended Action:

It is recommended that the City Council adopt a resolution authorizing the City Manager or Designee request that the East Contra Costa Regional Fee and Financing Authority approve the Sand Creek Road Extension Project as a priority project to receive financing following the James Donlon Extension Project as the project sponsor.

## CONSENT CALENDAR for City /City Council Members acting as Housing Successor to the Antioch Development Agency – Continued

I. RESOLUTION AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT WITH ROK TECHNOLOGIES, LLC, A GIS CLOUD ENVIRONMENT MANAGED SERVICE, TO PROVIDE A SECURE CLOUD ENVIRONMENT AND IMPROVE GIS ACCESS AND INTER-DEPARTMENTAL COMMUNICATION

Reso No. 2022/111 adopted, 4/0

Recommended Action: It is recommended that the City Council adopt a resolution:

- Awarding a Consultant Services Agreement to Rok Technologies, LLC, a GIS Cloud Environment Managed Service, to Provide a Secure Cloud Environment and Improve GIS Access and Inter-Departmental Communication in an amount not to exceed \$229,840, over the 3-Year Project Term commencing in Fiscal Year 2022/23, and
- Authorizing the City Manager to execute the Agreement for GIS Cloud Environment Services in a form approved by the City Attorney.
- J. AMENDMENTS TO MEMORANDA OF AGREEMENT WITH CONTRA COSTA HEALTH SERVICES FOR MUTUAL AID RESPONSE TO COVID-19 PANDEMIC – USE OF CITY OF ANTIOCH FACILITIES

Reso No. 2022/112 adopted, 4/0

Recommended Action:

It is recommended that the City Council adopt the resolution approving amendments to the Memoranda of Agreement between the City of Antioch and Contra Costa Health Services for mutual aid and assistance in response to the COVID-19 pandemic and authorizing the City Manager to extend the agreements through June 30, 2023.

#### PUBLIC HEARING/ CITY OF ANTIOCH COUNCIL MEMBERS ACTING AS HOUSING SUCCESSOR TO THE ANTIOCH DEVELOPMENT AGENCY

PUBLIC HEARING TO REVIEW FISCAL YEAR 2022-23 ACTION PLAN FOR EXPENDING 5. FEDERAL CDBG. LOCAL HOUSING SUCCESSOR. AND PERMANENT LOCAL HOUSING ALLOCATION (PLHA) FUNDING

#### Reso No. 2022/113 adopted, 4/0

Recommended Action:

1) It is recommended that the City Council approve the funding recommendations of the CDBG Committee and adopt the resolution approving the City of Antioch Fiscal Year 2022-23 Action Plan for expending federal CDBG funds.

#### Reso No. 2022/114 adopted, 4/0

2) It is recommended that the City Council approve the funding recommendations of the CDBG Committee and adopt the resolution approving Permanent Local Housing Allocation (PLHA) funding for homeless services outlined in the Fiscal Year 2022-23 Annual Action Plan.

#### Reso No. 2022/115 adopted, 4/0

- 3) It is recommended that the City of Antioch as the Housing Successor to the Antioch Development Agency approve the funding recommendations of the CDBG Committee and adopt the resolution approving Housing Successor funding for homeless services outlined in the Fiscal Year 2022-23 Annual Action Plan.
- 6. RESOLUTION ANNEXING CERTAIN PARCELS OF KB HOME NORTH BAY, LLC (LAUREL RANCH) INTO CFD NO. 2018-02 (POLICE PROTECTION)

#### Reso No. 2022/116 adopted, 4/0

Recommended Action: It is recommended that the City Council adopt the resolution annexing certain parcels of KB Home North Bay, LLC (Laurel Ranch) into Community Facilities District (CFD) No. 2018-02 (Police Protection).

7. RESOLUTION ANNEXING CERTAIN PARCELS OF PROMENADE ANTIOCH, LP (TRI POINTE) INTO CFD NO. 2018-02 (POLICE PROTECTION)

#### Reso No. 2022/117 adopted, 4/0

Recommended Action:

It is recommended that the City Council adopt the resolution annexing certain parcels of Promenade Antioch, LP (Tri Pointe) into Community Facilities Districts (CFD) No. 2018-02 (Police Protection).

### PUBLIC HEARING/ CITY OF ANTIOCH COUNCIL MEMBERS ACTING AS HOUSING SUCCESSOR TO THE ANTIOCH DEVELOPMENT AGENCY – Continued

8. PUBLIC HEARING TO CONFIRM AND LEVY OF ANNUAL ASSESSMENTS FOR STREET LIGHT AND LANDSCAPE MAINTENANCE DISTRICTS 1, 2A, 4, 5, 9, AND 10 FOR FISCAL YEAR 2022/2023 (P.W. 500)

Reso No. 2022/118 adopted, 4/0

Recommended Action: It is recommended that the City Council adopt a resolution ordering

improvements and levying annual assessments for Street Light and Landscape Maintenance Districts 1, 2A, 4, 5, 9, and 10 for

Fiscal Year 2022/2023.

#### COUNCIL REGULAR AGENDA

9. FISCAL YEAR 2021-23 MID-YEAR BUDGET

Reso No. 2022/119 adopted with amendments, 3/1 (Ogorchock)

Recommended Action: It is recommended that the City Council adopt the resolution

amending the Fiscal Year 2022 and Fiscal Year 2023 budgets.

10. CALIFORNIA VIOLENCE INTERVENTION AND PREVENTION (CALVIP) GRANT

Reso No. 2022/120 adopted, 4/0

Recommended Action: It is recommended that the City Council adopt the resolution

Acknowledging Acceptance of the California Violence Intervention and Prevention (CalVIP) grant, including specific terms and

conditions as described.

#### **PUBLIC COMMENT**

STAFF COMMUNICATIONS – First Council Meeting in July is not scheduled due to Summer Break. The next regularly scheduled Council Meeting will be held on July 26, 2022, beginning at 7:00 p.m.

COUNCIL COMMUNICATIONS AND FUTURE AGENDA ITEMS – Council Members report out various activities and any Council Member may place an item for discussion and direction on a future agenda. Timing determined by Mayor and City Manager – no longer than 6 months.

MOTION TO ADJOURN – After Council Communications and Future Agenda Items, the Mayor will make a motion to adjourn the meeting. A second of the motion is required, and then a majority vote is required to adjourn the meeting.

Motioned to adjourn Regular Meeting at 8:45 p.m., 4/0



#### STAFF REPORT TO THE CITY COUNCIL

DATE:

Regular Meeting of June 28, 2022

TO:

Honorable Mayor and Members of the City Council

SUBMITTED BY:

Curtis Banks, Project Director

Alexia Rotberg, Project Manager Urban Planning Partners Inc.

**REVIEWED BY:** 

Anne Hersch, Planning Manager

**APPROVED BY:** 

Forrest Ebbs, Community Development Director

SUBJECT:

City of Antioch 6th Cycle Housing Element Update

#### **RECOMMENDED ACTION**

It is recommended that the City Council:

1. Provide feedback on the draft Housing Element and

2. Motion to approve and submit the draft Housing Element to the California Department of Housing and Community Development (HCD) for review.

#### RECENT REVIEW

The City Council held a Study Session on June 14, 2022 and continued the review to a date certain of June 28, 2022. As part of the review, the Council directed the following changes to the draft Housing Element:

- Amend Policy 5.1.9 "Tenant Protections." Amend the draft policy to include more specific policies and an engagement process for tenant protections.
- Amend Policy 2.1.10 "Inclusionary Housing." Amend the draft policy language related to in-lieu fees and funding efforts that would benefit lower income residents.

- Housing Element Opportunity Sites. Include the following sites as Housing Element Opportunity Sites in the Housing Element:
  - 17 acre parcel on Viera Rd. with a Zoning Designation of R-20
  - o 6 acre parcel on Slatten Ranch Rd. with a Zoning Designation of R-25

#### **Tenant Protections**

At the June 14, 2022 City Council Study Session, extensive public comment was received in support for tenant protection policies including an anti-harassment ordinance, a just cause eviction ordinance and rent control policies. Comment letters were also received from Rhea Elina Laughlin on behalf of First Five Contra Costa (see Attachment C) and Monument Impact (See Attachment D) in support of these policies. At the conclusion of public comment, the City Council expressed support to modify the "Tenant Protections" policy in the draft Housing Element.

Policy 5.1.9 "Tenant Protections" as currently written in the draft Housing Element is broad and does not include specific details on engagement, outcomes, or resultant policies. As part of policy implementation, the City cannot commit to a guaranteed outcome as it would preclude the legislative process. However, the City can specify an engagement process with a specific focus on tenant protection policies. Based on the public comments received and direction from City Council, staff is proposing the following redline changes to the draft Policy to more specifically address tenant protections:

5.1.9 **Tenant Protections.** Pursue the development of citywide tenant protection policies for consideration by the City Council. These policies would address, but not necessarily be limited to, anti-harassment, just cause eviction, Tenant Opportunity to Purchase Act (TOPA), Community Opportunity to Purchase Act (COPA) and rent stabilization. The process would include inclusive public outreach with tenants, community-based organizations, landlords and other interested community members. The goal of this effort is to prepare and present an implementing ordinance for City Council consideration.

Responsible Agency: City of Antioch Public Safety and Community Resources Department

Implementation Schedule: Initiate public engagement and outreach process by June 2023.

Non-Quantified Objective: Protect approximately 13,509 households from displacement and preserve housing affordability.

Funding Source: General Fund

Implements: Policy 5.4

#### Inclusionary Housing

The Inclusionary Housing policy was also identified in written and public comment with suggestions for modification. Currently, the City does not have an Inclusionary Housing Ordinance and the draft Housing Element includes a policy to conduct a feasibility analysis. The draft language has been modified and includes more detailed language on in-lieu fees.

- 2.1.10 Inclusionary Housing. Initiate a feasibility study for an inclusionary housing ordinance for City Council consideration. The ordinance would generally require that the development of new market-rate housing units include a percentage of units that are affordable at specific income levels or that in-lieu payment be made. The revenue generated from in-lieu fees would be used to generate funding for the development of affordable housing in the City. Funds collected from in-lieu fees could be used for the following purposes:
  - New construction of affordable housing.
  - Acquisition/rehabilitation of housing and addition of affordability covenants.
  - Permanent supportive housing/transitional and emergency shelters.
  - Down payment assistance program.
  - Preservation of at-risk housing.

Responsible Agency: Community Development Department / Public Safety and Community Resources Department

Implementation Schedule: Initiate public engagement and outreach by December 2023.

Quantified Objective: Development of 30-50 units for extremely low-very low-, and/or low-income households during the planning period.

Funding Source: General Fund

Implements: Policy 2.2, 2.3

#### Housing Element Opportunity Sites

As part of the Council review, two sites were requested to be included as Housing Element Opportunity sites. Both properties are represented by DeNova Homes and are not currently zoned for residential development.

- 17 acre parcel on Viera Rd. with a Zoning Designation of R-20 (APN: 051-052-053 & 052-081-010)
- 6 acre parcel on Slatten Ranch Rd. with a Zoning Designation of R-25 (APN: 056-120-098)

These sites will be included in Chapter 6 "Sites." However, for the purposes of complying with the submittal deadline, the sites will not be included in the initial draft submitted for review. The sites will be included in the second draft once comments from HCD are received and CEQA analysis is completed.

#### **ATTACHMENTS**

- A. Staff Report: City Council Study Session 6-14-22 Link: https://www.antiochca.gov/fc/community-development/planning/housing-element/061422CC.pdf
- **B.** Staff Report: Planning Commission Study Session 5-18-22 Link: <a href="https://www.antiochca.gov/fc/community-development/planning/housing-element/051822PC.pdf">https://www.antiochca.gov/fc/community-development/planning/housing-element/051822PC.pdf</a>
- C. City Council Supplement Memo Response to Comments 6-14-22
- **D.** Comment Letter from Monument Impact
- E. Comment Letter from Greenbelt Alliance
- **F.** Comment Letter from Local 152
- **G.** City of Antioch Draft 6<sup>th</sup> Cycle Housing Element Update Housing Element Link:

https://www.antiochca.gov/fc/community-development/planning/housing-element/AntiochHousingElement\_PubReviewDraft-App\_final\_reduced.pdf



#### **MEMORANDUM**

**DATE:** Regular Meeting of June 14, 2022

**TO:** Honorable Mayor and Members of the City Council

**SUBMITTED BY:** Kwame Reed, Economic Development Director

Forrest Ebbs, Community Development Director

Anne Hersch, Planning Manager

**SUBJECT:** Response to Written Comments – Housing Element Study Session

Since publication of the agenda, City staff and the City Council have received four written comments regarding the Housing Element Study Session. They are as follows:

1. Letters from Trent Sanson, Meadow Creek Group, LLC, dated June 8, 2022.

- a. Slatten Ranch 6 acres
- b. Viera Avenue 17 acres
- 2. E-mail from Andrew Becker, dated June 11-13, 2022.
- 3. Letter from Susan Dershowitz, Yolanda Vasquez, and Rhea Elina Laughlin, dated June 14, 2022.
- 4. Letter from Maria Velazquez, received June 14, 2022.

This memorandum contains staff's responses to the City Council for each letter.

#### <u>Letter 1.a. – Slatten Ranch</u>

The letter requests that the City Council include the 6-acre site located at the northeast corner of the intersection of Slatten Ranch Road and Wicklow Way as a housing opportunity site in the Housing Element. Presently, the General Plan and Zoning Ordinance allow only commercial and employment-generating land uses at this site and residential uses are prohibited. This request would use the Housing Element process to commit to rezoning the property for high density residential uses.

**Response:** The proposed site is part of a much larger undivided commercial zone that includes the adjacent JC Penny store and the shopping centers on Lone Tree Way. On June 22, 2021, the Economic Development Director presented a briefing to the City Council of a study prepared by Roger Dale, Economic Development Strategic Plan

consultant. The study demonstrated that the Slatten Ranch area was a premier location for a range of industrial and/or business park uses.

The draft Housing Element accommodates all of the City's 3,007 residential units without disrupting the Slatten Ranch commercial area, preserving it for future commercial or employment-generating uses. Staff recommends that the City Council reject this request.

Should the City Council be compelled to support residential uses in this area, staff recommends that such a change be pursued under a separate application so as not to complicate or delay adoption of the Housing Element. The City Council is encouraged to discuss and communicate its preferences.

#### <u>Letter 1.b. – Viera Avenue</u>

The letter requests that the City Council include the 17-acre parcel located at the eastern terminus of Santa Fe Avenue, south of the BNSF railway and north of the PG&E transmission line way. Presently, the General Plan and Zoning Ordinance restrict use of the property to light industrial and business park uses. The site is planted with vineyards and is currently used for agriculture. This request would use the Housing Element process to commit to rezoning the property to high density residential uses.

**Response:** City staff did not closely examine areas in the northern portion of the City due to fair housing policies in State law which discourage identifying housing sites in areas with historically higher percentages of lower income households, such as northern Antioch. These units would not contribute to the City's obligation. Staff otherwise agrees that this site would be challenging to develop for business park uses dues to its isolation, lack of direct right-of-way access, and adjacency to established residential neighborhoods.

Staff sees no reason to oppose the eventual rezoning of this property for residential uses. However, staff has not had the opportunity to adequately review the environmental impacts the land use change and believes its inclusion as an opportunity site would complicate adoption of the Housing Element. As such, staff recommends that the City Council offer basic feedback on the broader project idea but defer any action to a future entitlement application.

#### Letter 2 – Andrew Becker

Mr. Becker provided comments through an email dated June 11, 2022 and amended on June 13, 2022.

The comments are summarized below with staff's responses:

1) The comments call for inclusionary zoning and in-lieu fees by mid-2023.

**Response.** Staff agrees that an inclusionary housing ordinance with in-lieu fees can be a productive way to create additional affordable housing units. Proposed Program 2.1.10 calls for this to occur with a feasibility study to be completed by June 2023. The call to

complete the project by this date is not feasible given current staffing and existing priorities. The process to create such a program is complex and requires financial analysis, nexus studies and similar analytical support. Staff recommends that the City Council preserve the existing text in Program 2.1.10 and offer timing and resource direction as a separate action, if necessary.

2) This comment calls for affordable housing to be provided along the City's southern boundary, presumably within the Sand Creek Focus Area.

**Response.** The proposed Housing Element does not assign units to this area because of the complex legal and environmental issues affecting development. Moreso, nearly all of the development sites have current entitlement applications, which makes them ineligible for credit with the RHNA. The upcoming General Plan update process will offer ample opportunity to examine current policies and new opportunities for development within the Sand Creek Focus Area and staff recommends that this conversation be directed to that forum.

3) This comment calls for rezoning of Slatten Ranch area properties to mixed use to create more housing.

**Response.** The proposed Housing Element accommodates all of the 3,016 units required under RHNA without affecting the Slatten Ranch area. Much of this was accomplished by rezoning current undeveloped commercial land to high density residential. Staff recommends maintaining the Slatten Ranch area properties in their current zoning to preserve the most likely opportunities for future employment growth. Also, please see response to Letter 1.a. above.

4) This comment calls for development fees to be increased for new residential development.

**Response.** Development fees are established through a complex analysis that considers the actual financial impact of new development on existing and future City facilities and resources. They cannot be arbitrarily changed without supporting analysis. Overall, the City's fees are found to be substantially less than other cities in Contra Costa County. Please refer to Program 4.1.2 for the Housing Element's response to this issue. The City's current Development Impact Fee program is being evaluated by the Engineering Division of the Public Works Department and should be presented to the City Council later this year for action.

5) This comment points out the new name for Contra Costa Interfaith Housing, which is Hope Solutions.

**Response.** This correction can readily be made.

6) This comment points out an error in the ownership of a property on Delta Fair Boulevard.

**Response.** This correction can readily be made.

7) This comment suggests that the public comment period should have been longer to provide additional opportunity for the public to participate.

**Response.** Staff applied the 30-day comment period prescribed by State law, which began on May 16, 2022 and concludes on June 15, 2022. Public workshops were held at on February 17, 2022 (19 participants) April 13, 2022 (10 participants) and a Spanish language workshop on May 4 (21 attendees). In addition, an online survey was offered in both English and Spanish through the City's dedicated Housing Element webpage (<a href="https://www.antiochca.gov/community-development-department/planning-division/housing-element-docs/">https://www.antiochca.gov/community-development-department/planning-division/housing-element-docs/</a>) and 35 responses were received.

The City Council does have the discretion to extend the comment period. However, the Council should consider that the draft Housing Element must be submitted to the State of California no later than June 30, 2022. Staff believes that the outreach was successful, as evidenced by the high participation at the workshops and the written comments received and does not recommend an extension.

8) This comment suggests that the City commit to updating the Housing Element every five years rather than the standard eight years.

**Response.** The Housing Element update cycle corresponds to the 8-year RHNA cycle. Each update requires extensive resources and should be undertaken only if significant changes occur, such as a new RHNA allocation. Staff will continue to provide annual reports on the status of Housing Element implementation, as required by State law, and recommends that no change otherwise be made to the timing.

9) This comment addresses the City's current Transitional Housing (TH) Zoning Overlay District and suggests that a use permit may not be required.

**Response.** The purpose of the TH District is to accommodate transitional housing in commercial zones, where it is otherwise not permitted. Transitional housing in residential zones is allowed by right in accordance with State law and no changes are needed or recommended to accommodate this request.

#### Letter 3 – Dershowitz, Vasquez, Elina Laughlin

This letter addresses three primary issues: 1) tenant protections, 2) inclusionary housing ordinance, and 3) opportunity to purchase acts.

**Response:** Tenant protections are addressed in the Housing Element and seen as a method to ensure furthering fair housing and avoid displacement. Program 5.1.9 specifically calls for the establishment of tenant protections to implement AB 1482. Program 2.1.10 calls for a feasibility study on the development of an inclusionary housing ordinance. Program 1.1.7 addresses purchase option requirements for condominium conversions. Each of these topics are addressed at a broad programmatic level within the proposed Housing Element with the anticipation that they will be implemented within the established timeframe.

Should the City Council seek to pursue any of these initiatives, it may do so at any time through direction to staff and allocation of resources. The process to develop these programs should involve robust discussion with the City Council and the community and, if pursued, should be supported by strong analysis and consensus. The author's request that firm deadlines be inserted into this Housing Element would bind the City to the State's certification in terms of timing and performance. Though noble, the proposed timelines may impair a proper public outreach campaign and inadvertently weaken the process and its outcomes. Further, this could create a compliance issue with the State if the City fails to meet self-imposed deadlines.

Staff recommends that the Housing Element not be amended to include these deadlines or expanded programs. The broader issue of tenant protections, inclusionary housing, and opportunity to purchase acts should be considered separately as important issues or as part of a wholesale approach. The City Council should be aware that this effort would likely be undertaken by the Housing and Homelessness Division of the new Public Safety and Community Resources Department, which is still in development and not fully staffed.

#### Letter 4 – Maria Velazquez

This letter provides a comprehensive description of tenant burdens and heralds the benefits of tenant protections above and beyond basic State law. The letter requests stronger local protections for tenants and cites the numerous barriers to existing resources and their resulting consequences on under-represented communities. In summary, the letter requests local ordinances to strengthen protections for tenants.

**Response:** The letter does not suggest any specific change to the Housing Element. Staff's response is similar to the response to Letter 3 and staff recommends that the City Council defer its action on the matter to a future initiative.

#### **ATTACHMENTS**

- A. Letters from Trent Sanson, Meadow Creek Group, LLC, dated June 8, 2022.
  - a. Slatten Ranch 6 acres
  - b. Viera Avenue 17 acres
- B. E-mail from Andrew Becker, dated June 11-13, 2022.
- C. Letter from Susan Dershowitz, Yolanda Vasquez, and Rhea Elina Laughlin, dated June 14, 2022.
- D. Letter from Maria Velazquez, received June 14, 2022.

1500 Willow Pass Court, Concord, CA 94520 · Ph (925) 685-0110 · Fax (925) 685-0660

June 8, 2022 (via e-mail)

City of Antioch City Council c/o Anne Hersch, Planning Manager 200 H Street Antioch, CA 94531

RE: Request for consideration to add parcel to Housing Element update for additional housing opportunity site – 6 vacant acres near Slatten Ranch

Dear honorable members of the City Council:

First and foremost, I would like to take an opportunity to commend and say thank you to all of City of Antioch's leadership on the City Council, Planning Commission, and City Staff for everyone's diligent efforts on the Housing Element update in progress. This is no small task for the City to undertake and from what I have seen it has been a well thought out and informative process for the City to update its Housing Element to facilitate the City in its goals in promoting and creating diversified housing opportunities for the whole City and is very exciting to see come together. Thank you for undertaking this process!

I represent the current property owner of undeveloped land next to Slatten Ranch made up of various parcels and respectfully request the City Council consider adding one of the parcels into the Housing Element as an opportunity site:

- APN: 056-120-098
- General Location: in between Empire Ave., Wicklow Wy., and Empire Ave.
- Size: Approximately six (6) acres
- General Description: Flat undeveloped land

The previous property owner was part of the development team for the adjacent Slatten Ranch shopping center. From our understanding for a variety of reasons they did not find it viable to develop and expand further due to economic constraints for past, present, and future commercial development and resultantly sold us the land where we hope to continue working with the City of Antioch with a fresh new perspective to active this vacant and underutilized land that does nobody any good by sitting and staying vacant.

We are currently working with our commercial brokerage team to market and find other alternative commercial uses for our undeveloped acreage of land backing up to Highway 4 as well as the vacant pads next to JC Penney, but for a variety of reasons strongly feel the stand-alone parcel in question is best suited for a high-quality multi-family housing development:

- Additional housing units would support the existing commercial uses nearby and help show additional rooftops to promote potential future commercial developments to succeed.
- On the opposite side of Empire Ave. is already existing residential developments as well as new ones being built out now and planned right next to the property so multi-family housing on our six (6) acre parcel will act as a transition of land uses to the new commercial being sought after along the freeway.
- Additional housing opportunity sites with land owners ready and prepared to develop now can expeditiously and efficiently add the needed and desired attainable housing units by design with higher densities compared to traditional single family homes.

Based on the recent success we saw at the Wildflower Station condominium project off of Hillcrest Ave. & Wildflower Dr. it has been proven that ownership multifamily housing opportunities are needed and strongly demanded by those looking for home ownership opportunities but are priced out of the market with how expensive single-family homes have become in recent years.

We have prepared a conceptual site plan illustrating how we can create a viable and vibrant infill townhome/condominium community on this parcel in question and have attached it here with this letter for your consideration to illustrate further. The conceptual site plan prepared illustrates how we can design new housing units in the 20 du/ac range through new high-quality townhomes for potentially one hundred thirty-four (134) new housing opportunities on this one property alone.

Should the City support our vision to create more attainable housing opportunities in Antioch on this property we are prepared to immediately continue working with City Staff to collaborate in furthering this vision along to create more attainable by design housing opportunities for the City of Antioch in areas that are currently underutilized and not serving any benefit by staying vacant.

Thank you very much for your time and consideration in our request to consider adding our property into the list of Housing Element opportunity sites! Please do not hesitate to reach out to me directly if there are any questions desired to be answered.

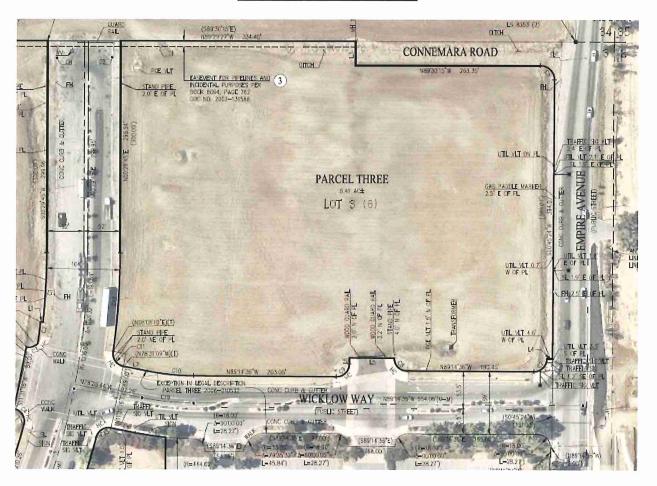
Yours truly,

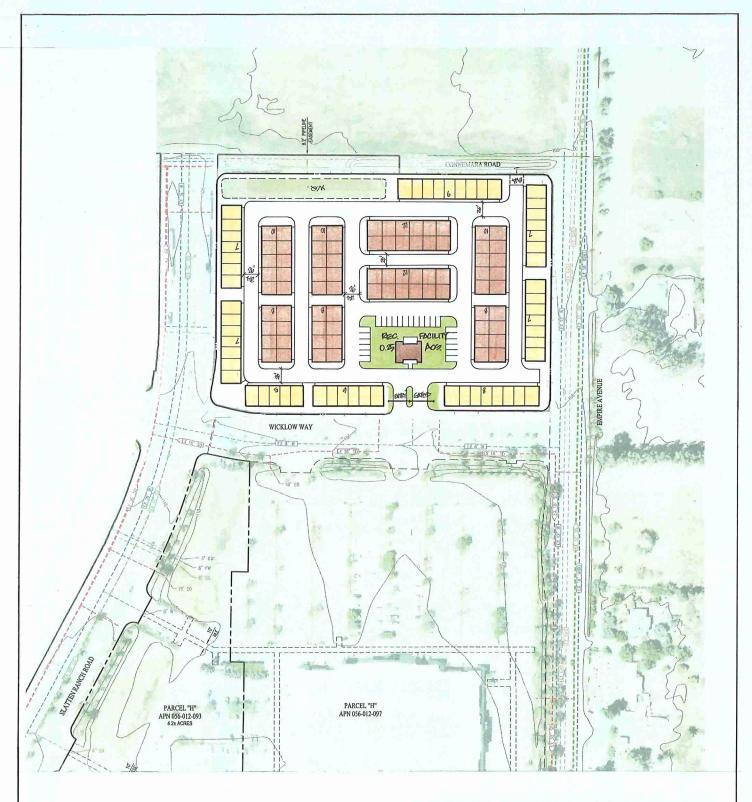
Trent Sanson

Owner Representative

Cell Phone: (925) 382-0245

#### **AERIAL OF PROPERTY**





PRODUCT:	YIELD:	%
Townhouses	56	42%
Back/Back Townhouses	78	58%
TOTAL:	134	

134 Units @ 6.4 Acres = 20.9 d.u.'s/acre

### CONCEPTUAL SITE PLAN

#### SLATTEN RANCH

CITY OF ANTIOCH CONTRA COSTA COUNTY CALIFORNIA SCALE: 1" = 60' DATE: MAYZCH, 2022.





SAN RAMON • (925) 866-0322 ROSEVILLE • (916) 788-4456 WWW.CBANDG.COM

F:SH78-000-ACADEXHEITEX9\_BASE WAP\_60 SC

1500 Willow Pass Court, Concord, CA 94520 Tel (925) 685-0110 · Fax (925) 685-0660

June 8, 2022 (via e-mail)

City of Antioch City Council c/o Anne Hersch, Planning Manager 200 H Street Antioch, CA 94531

RE: Request for consideration to add parcels to Housing Element update for additional housing opportunity site -17 undeveloped acres near Viera Ave.

Dear honorable members of the City Council:

First and foremost, I would like to take an opportunity to commend and say thank you to all of City of Antioch's leadership on the City Council, Planning Commission, and City Staff for everyone's diligent efforts on the Housing Element update in progress. This is no small task for the City to undertake and from what I have seen it has been a well thought out and informative process for the City to update its Housing Element to facilitate the City in its goals in promoting and creating diversified housing opportunities for the whole City and is very exciting to see come together. Thank you for undertaking this process!

I represent the current property owner of undeveloped land next the Viera Ave. neighborhood and respectfully request the City consider adding our land into the Housing Element as a housing opportunity site:

- APNs: 051-052-053 & 051-082-010
- General Location: north of Vineyard Drive & East of Viera Ave.
- Size: Approximately seventeen (17) acres
- General Description: Flat undeveloped land

From our review of the draft Housing Element being discussed and presented to the City Council our property is immediately adjacent to all the various parcels in the Viera Avenue neighborhood referenced in the draft Housing Element opportunity housing sites list.

Due to our property being immediately adjacent to the existing residential uses and future redeveloped neighborhood based on the draft Housing Element we respectfully and humbly request the City of Antioch include our 2 parcels in the discussion of redevelopment in the Viera Avenue neighborhood. This is because with future new redevelopment potential in this neighborhood the current light industrial land use assigned to our property does not and will not fit in with the current and future evolution of the neighborhood.

Should the City support our vision to have our property become complimentary to the existing and future neighborhood next door we are fully prepared and able to start collaborating with City Staff on what residential uses for this property make the most sense to help the City in its housing creation goals through diversified housing opportunities of different densities.

Thank you very much for your time and consideration in our request to consider adding our property into the list of Housing Element opportunity sites! Please do not hesitate to reach out to me directly if there are any questions desired to be answered.

Yours truly,

Trent Sanson

Owner Representative

Cell Phone: (925) 382-0245

#### VIERA AVE. NEIGHBORHOOD IN HOUSING ELEMENT

### **VIERA SITES**



### **ADDITONAL PROPERTY IN QUESTION**



#### Hersch, Anne

From: Andrew Becker <andrew@h-tsquared.com>

**Sent:** Monday, June 13, 2022 9:40 AM

To: Hersch, Anne

**Subject:** Re: Housing element draft public comment

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Thank you I would also like to add;

The transitional housing overlay with a conditional use permit requirement is outside of requirements of SB2. Transitional housing should be a by right in all residentially zoned communities. The city created this overlay and amended its land use table to reflect the new overlay with permit requirements. But they did not show that residentially zoned communities by right allow transitional and permanent supportive housing.

This is not only not removing governmental constraints, but actually creates new constraints.

Thank you, I apologize for not including this in original email.

Sincerely,

Andrew Becker
VP Business Development
California Modular
Founder/CEO
Here Today Home Tomorrow Inc.
andrew@h-tsquared.com email
(925)499-9248 cell

```
> On Jun 13, 2022, at 9:10 AM, Hersch, Anne <ahersch@antiochca.gov> wrote:
> Good morning Andrew,
> Your comments have been received and will be forwarded to the City Council.
> Sincerely,
> Anne Hersch, AICP, Planning Manager
> A: 925-779-6159 (Main)
> : 925-779-6141 (Direct)
> :
```

https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flinkprotect.cudasvc.com%2Furl%3Fa%3Dhttps%253a%252f%252fwww.antiochca.gov%26c%3DE%2C1%2CVgltB1ddT9 pZ8irUlcrrsAlcuGv53fCCTq

June 14, 2022

Mayor Lamar Thorpe Mayor Pro Tem Michael Barbanica Council Member Monica Wilson Council Member Tamisha Torres-Walker Council Member Lori Ogorchock

Re: Addressing the needs of low-income households in the Housing Element plan

Dear Honorable Antioch City Council Members:

We are the East County Regional Group, First 5 Contra Costa, ACCE, Healthy & Active Before 5, Monument Impact, CocoKids, Food Bank of Contra Costa and Solano, Contra Costa Labor Council, AFL-CIO, Brighter Beginnings, Loaves and Fishes of Contra Costa, RCF Connects, EBASE, Tenants Together, Urban Habitat, East Bay Housing Organizations (EBHO), and Public Advocates, representing local community, housing, labor and funding organizations. We urge the City of Antioch to take meaningful action in the 6th Cycle Housing Element update to address the unmet needs of low-income households, identify specific strategies to conserve and improve affordable housing, and Affirmatively Further Fair Housing (AFFH). Specifically, we are calling on the City to commit to (1) pass rent control, just cause for eviction, and antiharassment policies by 2023; (2) pass an inclusionary housing ordinance by 2023; and (3) pass a Tenant or Community Opportunity to Purchase Act by 2024.

Our organizations have deep ties to the Antioch community and work to advance children's health, affordable housing, and racial and economic justice locally and statewide.

At the outset, we remind Antioch that state law requires all Housing Element programs to have beneficial impact within the planning period, including identification of specific actions, which agency or official is responsible for those actions, and a timeline. Programs to affirmatively further fair housing must identify clear "metrics and milestones for determining what fair housing results will be achieved." Furthermore, a recent survey of HCD reviews of draft housing actions from Southern California jurisdictions emphasizes that time bound actions with "specific commitments [from local actors], metrics, and milestones" are required.<sup>3</sup>

#### I. Antioch Should Prioritize Specific Policies and Programs to Protect Tenants

Antioch is legally required to develop concrete, measurable, and realistic actions to address disparities identified in the Assessment of Fair Housing, including displacement risk.<sup>4</sup> Antioch is legally required to analyze fair housing issues, including "disproportionate housing needs" and

-

<sup>&</sup>lt;sup>1</sup> Gov. Code § 65583(c).

<sup>&</sup>lt;sup>2</sup> Gov. Code § 65583(c)(10)(A)(iv).

<sup>&</sup>lt;sup>3</sup> ABAG, <u>Affirmatively Furthering Fair Housing (AFFH) Policy Tips Memo Learning from Southern California & Sacramento: Early Experiences in Complying with AB686.</u>

<sup>&</sup>lt;sup>4</sup> Gov. Code § 65583(c)(10)(A)(ii).

"displacement risk" of members of protected groups, and identify and prioritize concrete actions to remedy these injustices. One of the most stark and urgent housing disparities in Antioch is that Black, Latinx, Native American, and mixed-race households are dramatically more likely to rent rather than own their homes. As a result of systemic racism in education, employment, and intergenerational wealth, 61.6% of Black households and 44% of Latinx households in Antioch rent their homes, compared to just 28.8% of white households. This means that Black, Indigenous and People of Color (BIPOC) residents are disproportionately vulnerable to exploitation and displacement due to predatory rent hikes, arbitrary evictions, and landlord harassment - a fact that the Housing Element must recognize and remedy. Unfortunately, the current draft fails to include meaningful actions to address them.

We are pleased that the draft Antioch Housing Element correctly identifies that a program of action to increase tenant protections can meet fair housing obligations, but as discussed below, simply "implementing AB 1482" is unlikely to have any impact whatsoever. Antioch should commit to passing rent control, just cause, and anti-harassment ordinances to affirmatively further fair housing because these policies protect BIPOC renters and other members of protected classes from disproportionate cost burdens and displacement risk. Local fair housing data and national studies both demonstrate that members of protected classes disproportionately experience high rent burdens, no-cause evictions, and landlord intimidation and harassment.<sup>6</sup> These fair housing issues lead directly to the inequitable displacement outcomes evident in Antioch.<sup>7</sup>

"Program 5.1.9 Tenant Protections," as currently drafted, is both insufficient to meet the needs of low-income community members and people of color at risk of displacement and inadequate to meet state statutory requirements. Program 5.1.9 states, "Establish tenant protections to implement AB 1482 with measures related to relocation, documentation, and right to return policy in eviction cases."

"Implementing AB 1482" is unlikely to yield any benefit because AB 1482 is a state law that has been in effect since 2020. Implementation actions to protect residents from displacement and

<sup>&</sup>lt;sup>5</sup> Association of Bay Area Governments *Housing Needs Data Report: Antioch*, April 2, 2021.

<sup>&</sup>lt;sup>6</sup> East County Regional Group, Antioch CHANGE: Community Housing Assessment of Needs, Gaps, and Equity, 1-page preview ("Housing insecurity is affecting Antioch residents, specifically low-income families of color struggling with housing instability. 51% of respondents are worried about being evicted."); City of Antioch 2023-2031 Housing Element Update, Public Review Draft, May 2022, p. B-113 ("Persons with disabilities and Black and Hispanic households have disproportionate housing needs."); Aspen Institute, The COVID-19 Eviction Crisis: An Estimated 30-40 Million People in America Are at Risk ("Communities of color are disproportionately rent-burdened and at risk of eviction. People of color are twice as likely to be renters and are disproportionately likely to be low-income and rental cost-burdened. Studies from cities throughout the country have shown that people of color, particularly Black and Latinx people, constitute approximately 80% of people facing eviction."; New York Advisory Committee to the U.S. Commission on Civil Rights, Racial Discrimination and Eviction Policies and Enforcement in New York, pp. 16-17, 89.

<sup>&</sup>lt;sup>7</sup> As of 2018, 71% of low-income Black households in Antioch lived in gentrifying neighborhoods; 75% of low-income Latino households lived in gentrifying neighborhoods. (Bay Area Equity Atlas, <u>Gentrification Risk: Antioch.</u>)

<sup>8</sup> City of Antioch 2023-2031 Housing Element Update, Public Review Draft, May 2022, p. 7-28.

<sup>&</sup>lt;sup>9</sup> Civ. Code §§ 1946.2, 1947.12 (just cause for eviction and rent cap provisions of AB 1482).

preserve housing affordability should go beyond state law. It is unclear what the City means by "measures related to relocation, documentation, and right to return policy in eviction cases." This vague single sentence is not a specific commitment to take action that will have any real-world impact.

Program 5.1.9 should instead commit to passing rent control, just cause for eviction, and anti-harassment policies by June 2023, and commit to outlining interim steps and opportunities for community engagement.

Program 5.1.9 should commit to passing local rent control and just cause ordinances that go beyond state law. HCD guidance identifies both rent stabilization and just cause as protections that can affirmatively further fair housing by going beyond what is required by state law to protect existing residents from displacement. 10 There are substantial gaps in coverage in the state law that should be filled by local ordinances. As the Draft Housing Element notes: "The Tenant Protection Act of 2019 (AB 1482) protects tenants in California from rent increases above certain thresholds and also requires landlords to have just cause ... before evicting tenants who have continuously and lawfully occupied a residential property for at least 12 months. However, AB 1482 does not protect tenants who have not lived continuously for a year in a property[.]"11 Moreover, the statewide rent cap under AB 1482 limits massive annual rent increases, which can help prevent rent hikes that force renters out overnight, but it is not rent control, which ensures that rents do not rise faster than inflation and can provide long-term stability. Local governments have express authority to pass rent control and just cause ordinances that are more protective than state law. 12 Antioch can and should strengthen protections by further reducing the maximum allowable rent increases, further limiting the allowable just causes for eviction, expanding the types of properties covered under just cause, and covering tenants from day one of their tenancy.

Program 5.1.9 should also commit to passing a local anti-harassment ordinance. Despite California Civil Code 1940.2, which prohibits landlords from stealing tenants' personal property, engaging in extortion, using or threatening force, or abusing the right of access for the purpose of influencing tenants to vacate a unit, landlord harassment continues to be a serious issue and driver of "informal" evictions in Antioch. <sup>13</sup> In addition, anti-tenant harassment policies also help to address habitability issues by reducing the risk of retaliation against tenants who make complaints, thereby improving the quality of housing for lower-income people and members of protected classes. Antioch should commit to adopt an anti-harassment ordinance to reduce displacement pressures, clarifying what constitutes harassment by including additional specific definitions of harassment (e.g., failing to perform repairs, violating privacy, among others) and attaching them to meaningful penalties.

Rent control, just cause, and anti-harassment policies address the housing needs of low-income households. The draft Housing Element appropriately finds that "renters are

<sup>&</sup>lt;sup>10</sup> HCD AFFH Guidance Memo, p. 74.

<sup>&</sup>lt;sup>11</sup> City of Antioch 2023-2031 Housing Element Update, Public Review Draft, May 2022, p. B-95.

<sup>&</sup>lt;sup>12</sup> Civ. Code §§ 1947.12(m), 1946.2(g).

<sup>&</sup>lt;sup>13</sup> The Antioch Herald, "'<u>Tour of Shame' Held at Antioch Apartment Complex, Rally Highlight Calls for Eviction</u> and Tenant Protections."

disproportionately affected by housing needs including overpayment, overcrowding, and displacement risk."<sup>14</sup> Approximately 25 percent of Antioch renters spend 30 to 50 percent of their income on housing and 34.3 percent spend 50 percent or more of their income on housing.<sup>15</sup> This means that nearly 60 percent of Antioch renters are either cost-burdened or severely cost-burdened. Rental prices in Antioch increased by 50.8 percent from 2009 to 2019.<sup>16</sup> Overcrowding is also more prevalent in rental households.<sup>17</sup> 31.3 percent of households in Antioch live in neighborhoods that are susceptible to or experiencing displacement, and 19.2 percent live in areas at risk of or undergoing gentrification.<sup>18</sup>

Rent control, just cause, and anti-harassment policies also improve and conserve existing non-subsidized affordable housing stock. <sup>19</sup> Antioch should commit to passing these tenant protection ordinances in the program of actions in order to meet the obligations under Housing Element Law to improve the condition of existing housing, and to preserve existing non-subsidized affordable housing stock and maintain the affordability of that housing.

#### II. Antioch Should Prioritize Policies and Programs to Create Affordable Housing

To meet its Housing Element obligations, Antioch should also commit to proven policies and programs that produce new affordable housing and preserve currently market-rate rental housing stock as permanently affordable. The East County Regional Group and First 5 Contra Costa recently conducted a community housing survey of over 1,000 Antioch residents. The number one concern identified by Antioch families was affordability. 68% of those surveyed are worried about paying their current rent, and 79% fear rents will increase in the future.<sup>20</sup> These fears are even higher among families with young children.<sup>21</sup>

#### A. Antioch Should Commit to Passing an Inclusionary Housing Ordinance by 2023

"Program 2.1.10: Inclusionary Housing," as currently drafted,<sup>22</sup> is insufficient to meet the housing needs of low-income Antioch residents and inadequate to meet state law requirements. Program 2.1.10 states, "Conduct a feasibility study on the financial viability and potential of an inclusionary housing ordinance. If appropriate and feasible, adopt an inclusionary ordinance."

"Studying" inclusionary housing is unlikely to yield any benefit. As mentioned above, state law requires all Housing Element programs to have beneficial impact within the planning period,

<sup>&</sup>lt;sup>14</sup> City of Antioch 2023-2031 Housing Element Update, Public Review Draft, May 2022, p. 3-15.

<sup>&</sup>lt;sup>15</sup> *Id.* at 3-8.

<sup>&</sup>lt;sup>16</sup> *Id.* at 2-10.

<sup>&</sup>lt;sup>17</sup> *Id.* at 3-8.

<sup>&</sup>lt;sup>18</sup> *Id.* at 2-11.

<sup>&</sup>lt;sup>19</sup> See Gov. Code § 65583(c)(4) (The Housing Element must contain a program that addresses the conservation of existing affordable housing stock in the community); see also Buena Vista Garden Apartments Ass'n v. City of San Diego Planning Dept., 175 Cal. App. 3d 289, 294, 302-303 (1985) (holding that this requirement in Housing Element Law includes action programs that preserve all housing that is already affordable to lower- and moderate-income households, not just subsidized or rent controlled housing).

<sup>&</sup>lt;sup>20</sup> East County Regional Group, <u>Antioch CHANGE: Community Housing Assessment of Needs, Gaps, and Equity,</u> 1-page preview

<sup>&</sup>lt;sup>21</sup> *Id*.

<sup>&</sup>lt;sup>22</sup> City of Antioch 2023-2031 Housing Element Update, Public Review Draft, May 2022, p. 7-12 – 7-13.

including identification of specific actions.<sup>23</sup> Jurisdictions are expressly discouraged from relying on vague words like "study" or "explore" as such non-specific actions are unlikely to have any real-world impact within the planning period.<sup>24</sup>

**Program 2.1.10 should instead commit to passing an inclusionary housing ordinance by 2023.** Inclusionary housing policies require new market-rate housing developments to rent or sell a percentage of new homes at below market rates. These policies can help address constraints to affordable housing development, <sup>25</sup> by leveraging private dollars to get affordable housing built, making sure that good sites are not given over wholly to market-rate housing, and ensuring that when market-rate developments get approved, they play a role in meeting affordable housing needs as well. Increasing the supply of diverse housing types, with different densities and affordability levels is a powerful tool to address housing affordability and reduce segregation. Indeed, HCD guidance identifies inclusionary requirements as a strategy to promote housing supply, choices, and affordability in areas of high opportunity outside of areas of concentrated poverty. <sup>26</sup>

The draft Antioch Housing Element has correctly identified that "in the absence of policy interventions such as inclusionary zoning, new development tends to reproduce existing patterns of segregation."<sup>27</sup> The draft Housing Element goes on to say:

One of the most effective tools to combat segregation is an inclusionary zoning ordinance, which requires a certain percentage of multi-family units to be reserved for low-income tenants. California's AB 1505 authorizes localities to adopt inclusionary zoning ordinances, with requirements that in lieu fees, off-site development, and other alternatives be available to developers in implementing the law. Antioch does not have inclusionary zoning or a local density bonus that goes beyond State law even though the city has among the greatest concentrations in the County of both low-income and nonwhite populations. Antioch's high- and medium-density residential zones lie mostly within the northern half of the city. This correlates with the locations of higher concentrations of low-income households and non-white populations in Antioch.<sup>28</sup>

Antioch should make a concrete commitment to passing a strong inclusionary housing ordinance instead of conducting a feasibility study. Inclusionary housing policies can affirmatively further fair housing by including: long-term or permanent affordability requirements that are deep enough to increase accessibility to low-income households, for-sale projects, which can help address the racial homeownership gap, and requirements that inclusionary units or in-lieu fees be proximate to market rate units to avoid exacerbating segregation patterns. For inclusionary housing policies to function as effective tools to AFFH, they must target income levels where

5

<sup>&</sup>lt;sup>23</sup> Gov. Code § 65583(c).

<sup>&</sup>lt;sup>24</sup> ABAG, <u>Affirmatively Furthering Fair Housing (AFFH) Policy Tips Memo Learning from Southern California & Sacramento: Early Experiences in Complying with AB686.</u>

<sup>&</sup>lt;sup>25</sup> See Gov. Code §§ 65583(a)(5)-(6).

<sup>&</sup>lt;sup>26</sup> HCD AFFH Guidance Memo, p. 72.

<sup>&</sup>lt;sup>27</sup> City of Antioch 2023-2031 Housing Element Update, Public Review Draft, May 2022, p. B-94.

<sup>&</sup>lt;sup>28</sup> *Id.* at B-98.

members of protected classes are over-represented – which is often low, very-low, and extremely-low rather than moderate-income.<sup>29</sup>

### B. Antioch Should Commit to Passing a Tenant or Community Opportunity to Purchase Act by 2024

Renters at risk of displacement in Antioch urgently need a Tenant Opportunity to Purchase Act (TOPA) or Community Opportunity to Purchase Act (COPA) so that they can stay in their communities and have a voice in their housing options. TOPA and COPA policies give tenants and qualified organizations, like community land trusts and nonprofit affordable housing developers, the right to make the first offer and the right to match competitors' offers so that they can purchase their homes when offered for sale. As a key intervention against speculation, TOPA/COPA preserves currently affordable housing and generates new permanently affordable housing for future generations. TOPA/COPA expands stability and wealth-building opportunities for tenants by creating pathways to homeownership. TOPA/COPA does not require landlords to sell their properties or sell for less than market rate.

A commitment to introduce TOPA/COPA by 2024 will advance multiple Housing Element requirements. As mentioned above, Antioch is required to address the housing needs of low-income households, affirmatively further fair housing, and identify specific strategies to conserve affordable housing stock. TOPA/COPA is a proven strategy to address the identified unmet needs of low-income renter households in Antioch – the high rates of cost burdens, overcrowding, and displacement risk. As communities of color continue to be the primary demographic affected by displacement and lack of affordable housing in Antioch, the City should identify and prioritize anti-displacement strategies such as TOPA/COPA to address these fair housing issues. TOPA policies also provide wealth-building opportunities for BIPOC communities who have historically been denied access to homeownership. Finally, properties purchased through TOPA/COPA are subject to permanent affordability restrictions, conserving Antioch's affordable housing stock and removing property from the speculative market. The acquisition and preservation of currently market-rate rental housing stock as permanently affordable housing is a crucial strategy that would help Antioch meet these obligations under Housing Element Law.

### III. Antioch Must Incorporate Input from Renters and Low-Income People in the Housing Element Process

Including these housing element programs is also in line with the obligation to make a "diligent effort [...] to achieve public participation of all economic segments of the community in the development of the housing element."<sup>30</sup> During the public engagement process in Antioch, low-income residents and community service providers representing low-income people and

6

C2

-

<sup>&</sup>lt;sup>29</sup> In Contra Costa County, average income levels for Latinx residents is *half* that of white residents. *See* Bay Area Equity Atlas. <a href="https://bayareaequityatlas.org/indicators/housing-burden#/?geo=07000000000000000252">https://bayareaequityatlas.org/indicators/housing-burden#/?geo=07000000000000000252</a>
<sup>30</sup> Gov. Code § 65583(c)(9).

members of protected classes identified that the Housing Element should prioritize local rent control, just cause, and anti-harassment policies. The Housing Element draft states:

Community service providers identified that the lack of local tenant protections like rent control or just cause eviction policies have disproportionately impacted low-income families and seniors living on social security. . . . Community service providers reported eviction as an issue in Antioch and cited that once a tenant is evicted, it is hard to find replacement housing because many landlords do not accept people who have evictions on their record. For evicted seniors, it is increasingly hard to find something affordable as they age and their income does not grow. Community organizations also cited a need for a tenant anti-harassment ordinance, as the eviction moratorium led community organizations to be more aware of landlords harassing their tenants to effectively evict individuals and families from their homes when they could not use other means. Additionally, landlords sometimes evict residents instead of fixing something in the home that the tenant has requested be fixed.<sup>31</sup>

The City also clearly summarized the community's input on the need for TOPA/COPA and inclusionary housing policies, but failed to put forward concrete, responsive actions.<sup>32</sup>

Public Participation is not simply about soliciting community input, but incorporating that input into the Housing Element update. The current set of actions to address the needs of tenants and the urgency of increasing affordable housing do not accomplish this. We urge the City of Antioch to incorporate the community's input, which is supported by available fair housing data and resident testimony, concretely on a clear and urgent timeline in the Housing Element update program of actions.

We look forward to working with the City of Antioch to develop tenant protection programs and inclusionary housing and TOPA/COPA policies. We urge the City to make concrete commitments in the Housing Element update to pass rent control, just cause for eviction, and anti-harassment policies by 2024; pass an inclusionary housing ordinance by 2023; and pass TOPA/COPA by 2024. These are key tenant protection and affordable housing strategies that require concrete objectives in the program of actions. Please reach out to Rhea Elina Laughlin at <a href="mailto:rlaughlin@first5coco.org">rlaughlin@first5coco.org</a> if you have any questions.

#### Sincerely,

Suzanne Dershowitz, Staff Attorney, Public Advocates, Inc. Yolanda Vásquez, East County Regional Group Rhea Elina Laughlin, First 5 Contra Costa

\_

<sup>&</sup>lt;sup>31</sup> City of Antioch 2023-2031 Housing Element Update, Public Review Draft, May 2022, p. B-95; see also p. B-7 – B-8 (documenting that Bay Area Legal Aid, East Bay Housing Organizations, and Shelter Inc called for rent control, just cause, and anti-harassment policies); see also p. E-23 – E-25 (documenting public engagement input: tenants have felt intimidated or threatened by landlords to request repairs needed for their homes to be safe and healthy; residents experience retaliatory behavior; rent increases allowed under AB 1482 are too high for many Antioch families; the units and circumstances protected under state law just cause exempt too many units and tenants in Antioch because tenants have not been living in the same place for one year).

David Sharples, ACCE
Ali Uscilka, Healthy & Active Before 5
Debra Ballinger, Monument Impact
John Jones, CocoKids
Joel Sjostrom, The Food Bank of Contra Costa and Solano
Josh Anijar, Contra Costa Labor Council, AFL-CIO
Jennifer Shallat, Brighter Beginnings
Sheila Aceves, Loaves and Fishes of Contra Costa
James Becker, RCF Connects
Kristi Laughlin, East Bay Alliance for a Sustainable Economy (EBASE)
Eduardo Torres, Tenants Together
Sophia DeWitt, East Bay Housing Organizations (EBHO)
Ellen Wu, Urban Habitat

cc: Forrest Ebbs, City of Antioch Carla Violet, Urban Planning Partners Curtis Banks, Urban Planning Partners Lisa Abboud, InterEthnica Elena Castanon, InterEthnica KfN42CqXbgGtzlR7jkwZp2WeBf\_lGxoudake9cFQzyB6oOAO7zo6fdOxJy2V-SDlXsYUyTYg%2C%26typo%3D1&data=05%7C01%7Cahersch%40antiochca.gov%7C4484c0ba6a374d 15c5b308da4d5b5f92%7Cba12f9da15014ef2b3e4e2deaf954adc%7C1%7C0%7C637907352095548984%7C Unknown%7CTWFpbGZsb3d8eyJWljoiMC4wLjAwMDAiLCJQljoiV2luMzliLCJBTil6lk1haWwiLCJXVCl6Mn0% 3D%7C3000%7C%7C%7C&sdata=svxhjysYliaQYZvKHWJ8lFkNrmHTu1D2L0lPUcPnyo8%3D&rese rved=0

> City of Antioch | P.O. Box 5007, Antioch, CA 94531-5007

> > >

>

> ----Original Message-----

> From: Andrew Becker <andrew@h-tsquared.com>

> Sent: Saturday, June 11, 2022 8:33 AM

> To: Hersch, Anne <ahersch@antiochca.gov>

> Subject: Housing element draft public comment

>

> CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

> Good morning here are my comments for the housing element draft;

>

> 1)inclusionary zoning and in lieu fees need to come sooner then a feasibility study completed mid 2023. We can look at what other communities have done and present to council.

>

> 2)affordable housing should be integrated in all communities, that means along southern boundary line as well. There are already market rate and executive housing projects in works there. It should include affordable housing up near sand creek area as well. I had specifically mentioned this in community engagement sessions and that was not put in the draft.

>

> 3)commercial sites along eastern boundary line at slatten ranch should be rezoned mixed use instead of PD to encourage affordable housing some sites should be marked affordable to encourage mixed fair housing.

>

> 4)development fees need to increase for single family as well as multi family.

>

> 5)contra costa interfaith housing is referenced in housing element. That should be corrected to Hope Solutions(there new name)

>

> 6) one of the parcels on delta fair that is owned by the Stare of California, is listed as belonging to the City of Antioch. That needs to be corrected.

>

> 7)the public comment period should have been longer, we as a community did not even know when the draft would be released, we were told early may and it was released mid may without any notice made to public until after it was released. Also planning commission meetings where public could respond were not vocally made public to the community. Public comment period should be extended out to give the public a more fair chance to review the element because it is so long.

>

> 8) nowhere is it mentioned that we as a city can update every 5 years and not just 8 if we choose too. That should be made aware to council because of the stark housing disparities in Antioch. It would give us a chance to be more on top of where our housing development and supply in the City is at. Especially with how quick your City is growing.

> Andrew Becker

- > VP Business Development
- > California Modular

- > Founder/CEO
- > Here Today Home Tomorrow Inc. > andrew@h-tsquared.com email > (925)499-9248 cell >

- >
- > >
- >

Dear Planning Manager Anne Hersch,

My name is Maria Velazquez and I am graduate researcher who studies tenant housing and how it informs the lives of families and educational policy in the East Bay. I am emailing to thank the city of Antioch's for it's Housing Element Update Draft. It includes thorough insights to the challenges that low-income tenants and residents from protected classed may navigate in regards to their housing. Additionally, the city has delineated Action Area 4 to protect existing residents from displacement. While this Action Area 4 is a step in the right direction, I urge the city to include a commitment to local tenant protections as part of the next revision of Antioch's Housing Element Update. I fear that without this commitment, or steps for stronger tenant protections at the local level, the city may not be able to protect existing residents from displacement.

While strengthening renter protections beyond the state is recognized as a mechanism to protect tenants, the topic is often met with substantial push back at the local level. Divisive rhetoric centers landlords and claims that tenant protections place an undue burden on them. I urge the city to not buy into this framing. As part of my research I have come to understand how low-income tenants are often presumed to have access to rights as tenants (particularly through the state) and yet this may be far from what they experience. For example, in thinking about the quality of housing, the state of California has an implied warrant of habitability, which refers to basic structural, health, and safety standards for rental units. This implied warrant of habitability "entitles tenants to a safe and livable home" and according to the California Tenants' Right Handbook, stipulates that "all landlords are legally required to make their premises habitable when they originally rent a unit" and required "to maintain it in that condition throughout tenancy."

Yet, low-income tenants –who are often Black, Indigenous, and other People of Color, single-parent households, and/or the elderly –often do not experience this implied warrant of habitability. Rather, due to the high cost of living, they may be forced to sacrifice housing quality for housing affordability –an issue that is increasingly being recognized in policy reports and scholarship. This can negatively impact the physical and mental health of low-income tenant households and contribute to acute hazards for children, older adults, and individuals with disabilities.

At the state level, there is limited accountability to ensure this warrant of habitability. At the local level, mechanisms like code enforcement depend upon tenant mobilization to make reports about habitability issues. This can be a challenge for low-income tenants if they have concerns about losing their affordable housing, or fear that speaking out will put their housing at risk. This is something I have heard as a volunteer in tenant right hotlines and learned from tenants speaking out about their housing during city council meetings. More concretely, I have heard low-income tenants share how reporting habitability issues has led them to confront landlord inaction, gaslighting, rent increases, or unjust evictions. This is again a disconnect between what low-income tenants may experience and the laws that exist to protect tenants, such as retaliation per California's Civil Code Section 1942.5(a). According to the California Tenants' Right Handbook, this civil code "prohibits a landlord from evicting, increasing rent, or decreasing services within 180 days after the tenant has reported a habitability defect to the landlord." While one recourse of retaliation is suing landlords, tenant laywers make clear in public

meetings how the burden falls on tenants to prove that the landlord for engaged in such actions - eviction, rent increases, or decrease of services –for the purposes of retaliation, something difficult to prove.

Localized ordinances, like a local anti-harassment ordinance or just cause ordinance can provide guidelines and definitions that can make state tenant rights more accessible or enforceable in courts. For example, in the case of <a href="mailto:anti-harassment ordinance">anti-harassment ordinance</a>, it can delineate egregious behaviors, like threats to immigration authorities, to common instances, such as refusing to complete repairs, as a form of harassment with concrete consequences and remedies. I urge the city to consider its role in policy making and make a commitment to local tenant protections that can make state tenant rights more accessible or address the disconnects that Antioch tenants themselves have identified in city council meetings regarding harassment, unjust threats of eviction, or consequences of skyrocketing rents.

These issues go beyond the rhetoric of tenant versus landlord, but rather demonstrate how a policy or law may be difficult to access by low-income tenant. By passing local tenant rights, you can ensure that Antioch tenants have substantive rights to dignified and quality housing even if they are without resources or don't have an access to a lawyer to ensure their rights. Please consider a commitment to local tenant protections in the next revision of Antioch's Housing Element Update to more robustly protect Antioch residents from displacement. Also consider how anti-harassment and just cause ordinances, or means to stabilize rents, can more concretely protect residents from being displaced.

María Velázquez Resident of East County PhD Candidate, Department of Educational Policy Studies University of Wisconsin-Madison

#### ATTACHMENT D



Together, building a stronger community

June 14, 2022

Mayor Lamar Thorpe
Mayor Pro Tem Michael Barbanica
Council Member Monica Wilson
Council Member Tamisha Torres-Walker
Council Member Lori Ogorchock

**RE: Draft Housing Element** 

Dear Honorable Members of the Antioch City Council,

Monument Impact, which also wrote you as part of a coalition of organizations serving low-income community members in Antioch, is writing to include a few points about the Housing Element that are not addressed in our collective letter.

We strongly recommend that you <u>do not</u> submit this draft Housing Element to HCD without considerable revisions that better address displacement and racial segregation described in the Affirmatively Furthering Fair Housing (AFFH) analysis:

- 1. Incorporate community input requesting strong tenant protections
- 2. Include rent control, just cause for evictions, and anti-harassment ordinances because these are proven strategies that stabilize housing for low and very low-income tenants, prevent displacement, and reduce evictions. The current housing element's focus on AB 1482 is insufficient since the state bill contains many loopholes and the city has the authority to pass stronger protections.
- 3. Commit to an inclusionary housing ordinance to address the patterns of segregation and redlining as described in the Affirmatively Furthering Fair Housing analysis
- 4. Address the need for inclusionary zoning, especially considering that the AFFH calls out: a) community resistance to affordable housing in some neighborhoods; b) a lack of opportunity and mobility in Antioch; and c) the majority of the City has been identified as "low resource."
- 5. Commit to passing a Tenant or Community Opportunity to Purchase ACT (TOPA/COPA) by 2024. This is an emerging anti-displacement tool to preserve affordable rental housing stock, empower tenants, and stabilize low-income households.

The current draft has strong analysis with the AFFH, but that analysis is not adequately carried through in Housing Goals, Policies, and Programs nor does it incorporate tenant input. Many of the programs are vague and non-committal with non-quantifed objectives. We do support the City's desire to continue Rental Assistance. With the highest rate of evictions in the Bay

Area, Antioch residents are vulnerable to homelessness and both rental assistance and legal support help.

Monument Impact cohosts a tenants' legal clinic for Antioch residents, most of whom are facing an eviction or harassment. We receive up to 60 calls a month from tenants in Antioch, Concord and other East Contra Costa cities—tenants who are one paycheck away from having to live in their cars with their children.

This Housing Element comes at a critical time when recovery from the pandemic is slow for low-income BIPOC communities. With more concrete action plans, Antioch has this opportunity to both build more affordable housing to address the critical shortage, but also to protect our most vulnerable residents in the short term. If evicted now, they have very few options to move elsewhere.

Again, please strengthen the draft before sending to HCD.

Sincerely,

Debra Ballinger
Executive Director

Vebra Ball





June 15th 2022

**Re: Comments on Antioch Housing Element** 

Dear Antioch City Council and Planning Commission

The undersigned organizations would like to thank the City of Antioch for your commitment to environmental and climate justice through the Housing Element. East Bay for Everyone, California YIMBY, Greenbelt Alliance, and Contra Costa Young Democrats have reviewed many draft Housing Elements across Contra Costa county, and we were particularly impressed by Antioch's current draft Housing Element. Your commitment to reducing displacement through tenant protections, increasing affordable housing, and eliminating housing discrimination is impressive. We appreciate many policies, including but not limited to:

Policy 4.1.6 to review and revise parking minimums

Policy 4.1.9 to expedite **Missing Middle permitting** processes

Policy 4.1.11 to **streamline CEQA** for infill projects

Including these policies in the final draft Housing Element will demonstrate Antioch's commitment to meeting the housing needs of all residents. If Antioch implements and strengthens these policies, we would support an application by the city to receive pro-housing designation status, which will increase the city's access to state funding for infrastructure and affordable housing.

The undersigned organizations look forward to working with you to implement these policies and programs in order to help make Antioch the innovative housing leader that it seeks to be.

Regards,

Zoe Siegel

Greenbelt Alliance

Derek Sagehorn East Bay for Everyone Jeremy Levine

Contra Costa Young Dems

Aaron Eckhouse California YIMBY

#### ATTACHMENT F



#### UNITED BROTHERHOOD

#### CARPENTERS AND JOINERS OF AMERICA Local Union No. 152

#### MARTINEZ OFFICE

3780 Alhambra Avenue Mailing Address P.O. Box 4040 Martinez, CA 94553 Phone (925) 228-1858 Fax (925) 229-4382 MANTECA OFFICE

1421 Moffat Boulevard Manteca, CA 95336 Phone (209) 239-3232 Fax (209) 239-5128

June 15, 2022

City of Antioch Community Development Department

Attn: Anne Hersch P.O. Box 5007 Antioch, CA 94531-5007

Via Email: ahersch@antiochca.gov

Re: City of Antioch Draft Housing Element Update

Dear Anne Hersch,

Please accept these comments on the above referenced Housing Element Update on behalf of the members of Carpenters Local 152, which represents working men and women in the city of Antioch and Contra Costa County. We appreciate the opportunity and look forward to working together on this important endeavor.

To meet the urgent need for housing units outlined in the State's Regional Housing Needs Allocation (RHNA), as well as the policy goals outlined in the City of Antioch Housing Element, it is vital that the City of Antioch support efforts to build the local construction workforce. Local 152 has long been at the forefront of training the next generation of construction workers, opening pathways to the industry for diverse and traditionally underserved populations, and embracing new technologies and delivery methods to expedite the construction of much needed housing.

The City of Antioch Housing Element notes in its housing constraints analysis that "during the Recession and the recovery period that followed, many in the construction industry left the field." The City further acknowledges that "this continues to impact the availability of workers today." To be clear, neither Contra Costa County nor the City of Antioch have enough skilled, highly productive residential construction workers to build the 3,000+ units that the city of Antioch is supposed to produce over an 8 year time period. This is itself more than double the previous Housing Element cycle's RHNA goals for Antioch. Despite this, as the housing crisis in our communities has continued to deteriorate in recent years, the number of workers employed in building construction in Contra Costa County has actually decreased by 7% since 2018. A

<sup>&</sup>lt;sup>1</sup> Page 2: City of Antioch Draft 2023-31 Housing Element Chapter 4.

<sup>&</sup>lt;sup>2</sup> Page 2: City of Antioch Draft 2023-31 Housing Element Chapter 2.

<sup>&</sup>lt;sup>3</sup> Page 37: City of Antioch 2015-23 Housing Element.

<sup>&</sup>lt;sup>4</sup> QCEW data: Difference between 2018 employment and 2020 (latest available non-provisional data) in Private NAICS 23 Construction for All establishment sizes in Contra Costa County, California, NSA.

continuously shrinking local construction workforce cannot build over 3,000 units of housing in 8 years.

To support the policy goals of the Housing Element, Local 152 is requesting that the City add local hire and apprenticeship requirements to its Housing Element for all residential construction projects larger than 10 units. The standards Local 152 is proposing in this comment letter would help to ensure greater benefits for the broader community, help ensure that construction labor needs are met, and guarantee that new residential development projects within the City are making needed investments in the region's skilled construction industry workforce.

The City Should Bar Issuance of Building Permits Unless Each Future Residential Development of 10 units or Above has a Viable Apprenticeship Program and Local Hiring Requirements

The Carpenters propose the following additions to the Municipal Code of the City of Antioch for any residential project larger than 10 units

Permitting requirements in the Municipal Code of the City of Antioch.

A person, firm, corporation, or other entity applying for a building permit under the relevant section of the Municipal Code of the City of Antioch, California shall be required to comply with the apprenticeship, healthcare, and local hire requirements of the Housing Element and General Plan. Failure to comply with the requirements set forth in this section shall be deemed a violation of this article.

#### Apprenticeship:

For every apprenticeable craft, each general contractor and each subcontractor (at every tier for the project) will sign a certified statement under penalty of perjury that it participates in a Joint Apprenticeship Program Approved by the State of California, Division of Apprenticeship Standards **OR** in an apprenticeship program approved by the State of California Division of Apprenticeship Standards that has a graduation rate of 50% or higher and has graduated at least thirty (30) apprentices each consecutive year for the five (5) years immediately preceding submission of the prequalification documents. The contractor or subcontractor will also maintain at least the ratio of apprentices required by California Labor Code section 1777.5.

#### Local Hire Policy:

Contractor will be required to provide documentation that the contractor will hire a minimum of twenty-five percent (25%) of staff for any job classification with more than four (4) employees employed whose primary residence, which is not a post office box, is, and has been, within Contra Costa County within 180 days of the expected date of issuance of the Notice to Proceed for the project.

While there has been a remarkable economic expansion in Contra Costa since 2010, rising inequality and displacement adds to the City of Antioch's affordability crisis and threatens to undermine the region's strong economy. Indeed, according to the City's own analysis, Antioch has the highest number of homeless people on its streets than in any other Contra Costa community. Meanwhile, most of the residents and jobs in Antioch are in the \$25,000 to \$49,999 annual wage group, which is far below the County's average and median salaries.

Policies that require the utilization of apprentices and a local construction workforce will - in tandem with programs currently operational by Local 152 outlined below - help improve local access to the type of living wage job the community needs, and also help ensure that the City meet the goals of the City of Antioch Housing Element.

Local 152 has implemented many programs that will enable the City to meet the General Plan and Housing Element goals. These programs include a robust Joint Apprenticeship Training Committee, vigorous utilization of apprentices in the City of Antioch, healthcare coverage for all members and their families, and innovation within the construction industry.

Joint Apprenticeship Training Committees (JATC's), such as the Carpenters Training Committee for Northern California (CTCNC), are a proven method of career training built around a strong partnership between employers, training programs and the government. This tripartite system is financially beneficial not only for the apprentice, but is a major benefit for the employer and the overall economy of the City of Antioch. The CTCNC monitors current market conditions and adjusts the workflow of apprentices to meet the needs of the community, heading off any shortage of skilled workers. History has demonstrated that strong utilization of apprentices throughout the private sector helped California builders produce millions of units of housing.

CTCNC recruitment strategies include robust diversity and inclusionary outreach programs, such as pre-apprenticeship, with proven results in representative workplaces and strong local economies. It is imperative that our underserved populations have supportive and effective pathways to viable construction careers, while ensuring that employers are able to find and develop the best and brightest talent needed to thrive in a competitive economy.

Employer-paid health insurance plans for our members and their families provides preventative services to stay healthy and prevent serious illness. Timely care reduces the fiscal burden for our members and their families, and significantly reduces the utilization of safety-net programs administered by the City of Antioch and Contra Costa County.

Embracing new technologies and delivery systems will have a significant impact on the construction industry, particularly the residential sector. Increasing housing delivery methods

<sup>&</sup>lt;sup>5</sup> Page 20: Page 2: City of Antioch Draft Housing Element Chapter 2.

<sup>&</sup>lt;sup>6</sup> In 2020, the average annual salary in Contra Costa was \$120,193 and median salary was \$104,875. Contra Costa County average salary is 156 percent higher than USA average and median salary is 141 percent higher than USA median (Source: GovSalaries).

reduces project durations and provides City of Antioch residents housing sooner. Local 152 is at the forefront of ensuring that new construction technologies deliver those benefits while also creating work opportunities for those already in the trades as well as those looking to begin a construction career.

Local 152 is in a unique position to address many of the key ideas outlined in the City of Antioch Draft Housing Element Update. By investing in the training and utilization of apprentices, performing outreach to ensure that the workforce closely mirrors the demographics of our local community, providing employer-paid healthcare for our members and their families, and promoting innovation in the residential construction sector, Local 152 is prepared to assist in closing the affordability gap in the City of Antioch and the wider county. We look forward to engaging City staff and elected leaders as this Draft Housing Element moves forward and working cooperatively to bridge the needs of the City with the skills and tools of Local 152.

Thank you for your time and consideration of these comments.

Sincerely,

Kyle Kyle Swarens

Senior Field Representative

Carpenters Local 152

CC: Ellie Householder, City Clerk: ehouseholder@antiochca.gov



#### PROCLAMATION HONORING PRINCIPAL LOUIE ROCHA ON HIS RETIREMENT FROM ANTIOCH HIGH SCHOOL

WHEREAS, after 37 years in education, Louie Rocha, the long-time Antioch Unified School District educator is retiring, leaving his role as principal - a title he's held for a record 16 years;

WHEREAS, Mr. Rocha moved with his family from Oakland to Antioch at the age of seven and is a proud alumnus of the Antioch Unified School District's Sutter Elementary,

Park Jr. High School, and Antioch High School class of 1979;

WHEREAS, Mr. Rocha attended Los Medanos Community College prior to utlimately earning his undergraduate degree from San Diego State University;

WHEREAS, Mr. Rocha's service at AUSD began in 1985 as a Teacher/Counselor at Park Middle School; ten years later, he took his counseling skills to Prospects High School before returning to Antioch High School in 1999 as Vice Principal;

WHEREAS, Mr. Rocha was named Antioch High School Principal in 2006, a sometimes challenging but always beloved role, where impactful decisions include the renovation of the 67-year-old school cmpus - a legacy for generations to come;

WHEREAS, vested and invested in Panther Country, Mr. Rocha's leadership produced programs, resources, student and staff connections, heartfelt moves and gut-wrenching decisions for the greater good and are literally too long to list;

WHEREAS, as coach, counselor, administrator and leader of Antioch High School, Mr. Rocha has left his mark on the campus and our community.

NOW, THEREFORE, I, LAMAR A. THORPE, Mayor of the City of Antioch, hereby recognize Antioch High School Principal Louie Rocha for his years of service to the Antioch community, congratulate him for a job well done and extend our best wishes for many joyful and healthy years in retirement.

**JUNE 28, 2022** 

LAMAR A. THORPE, Mayor	

# Sesquicentennial Concert in The Park

July 2nd, 2022 3pm - 9pm • Williamson Ranch Park

# Blind to Reason

3pm - 4:30pm

## Groove Ride

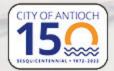
**5pm** - 6:30pm

# Project 4 Band 7pm-8:30pm

#### Calling out all music enthusiasts!

Bring your chairs, blankets and enjoy several bands that will be performing at Williamson Ranch Park. Get movin and groovin! There will be Food Trucks to purchase food or bring your own food and make a day of it.

This is a fun, family friendly event you won't want to miss!



Visit CelebrateAntioch.org for List of Upcoming Events



# MICARY TRIBUTE CONCERT JULY SRD SPM - 9PM

2ND ST & E ST DOWNTOWN ANTIOCH

The Illusions

3pm - 4:30pm

The Groove Room Band 4pm - 6:30pm/ Air Force

Band of the

Golden West

7pm - 8:30pm







COMMUNITY PARADE @11AM IN THE ANTIOCH RIVERTOWN DISTRICT

Open to register

- local businesses
- school & community clubs
- community programs
- youth programs
- community officials
- performance groups







# BOARDS / COMMISSION / COMMITTEE VACANCY ANNOUNCEMENTS

The City of Antioch encourages residents to become involved in their local community. One way to do so is to serve on various commissions, boards and committees. Any interested resident is encouraged to apply for the vacancy listed below. To be considered for these volunteer positions, a completed application must be received in the Office of the City Clerk by 5:00 p.m., on June 29, 2022. Applications are available at <a href="https://www.antiochca.gov/#">https://www.antiochca.gov/#</a>.

- > SALES TAX CITIZENS' OVERSIGHT COMMITTEE
- > CONTRA COSTA COUNTY MOSQUITO & VECTOR CONTROL BOARD OF TRUSTEES
- > BOARD OF ADMINISTRATIVE APPEALS

Your interest and desire to serve our community is appreciated.



#### SALES TAX CITIZENS' OVERSIGHT COMMITTEE

(EXTENDED Deadline date: 06/29/2022)

OPPORTUNITY LIVES HERE Four (4) Committee Members, full-term vacancies, expiring March 2026

- A Sales Tax Citizens' Oversight Committee has been established following the voters passing Ballot Measure C Transaction and Use (Sales) Tax. This passed at the November 5, 2013 Consolidated Election. At the November 6, 2018 Consolidated Election, the voters passed Ballot Measure W Transaction and Use (Sales) Tax.
- Each year, an independent auditor shall complete a public audit report of the revenue raised and its expenditure. The Sales Tax Citizens' Oversight Committee shall review the expenditures and report publicly how the funds are being used to address the City Council's stated priorities of maintaining Antioch's fiscal stability, police patrols, 911 emergency response, youth violence prevention programs; ensuring water quality/safety; repairing streets; cleaning up parks/illegal dumping; restoring youth afterschool/summer programs; and other essential services. The Committee's review shall be completed in conjunction with the City's budget process. The Committee's report on its review, whether oral or written, shall be considered by the City Council at a public meeting before April 1 of each year. Any written report shall be a matter of public record.
- The Committee shall meet at least twice a year. The meetings will be public.
- The Sales Tax Citizens' Oversight Committee consists of seven members who are Antioch residents. At least one member of the Committee shall have a financial, accounting or auditing background. The Committee will be nominated by the Mayor and approved by the City Council.
- Members of the Sales Tax Citizens' Oversight Committee will be required to file an annual "Statement of Economic Interest".



### CONTRA COSTA MOSQUITO & VECTOR CONTROL BOARD OF TRUSTEES

(EXTENDED Deadline date: 06/29/2022)

One (1) Antioch Citizen Representative Vacancy

- The Antioch City Council is seeking candidates for its representative to the Contra Costa Mosquito & Vector Control Board of Trustees.
- The Board of Trustees are officials appointed by their respective City Councils to govern the Mosquito and Vector Control District knowledgeably and effectively. They serve for a term of two to four years and are highly dedicated to this community service.
- Must be an Antioch resident and at least the voting age of 18 with an interest in any of the following areas: public health, public policy, wetlands, farming, community education, finance, personnel or land development, and a resident of the city which is in the District (California Health & Safety Code, Section 2242)
- The regular business meetings are held on the second Monday night of every other month. All meetings are currently conducted via Zoom in accordance with Government Code section 54935E.
- Additional information regarding the responsibilities and duties are available online at www.ContraCostaMosquito.com



#### **BOARD OF ADMINISTRATIVE APPEALS**

(EXTENDED Deadline date: 06/29/2022)
One (1) Alternate Member, 2-year term vacancy

- Board of Administrative Appeals consists of five members and one alternate to be appointed by the Mayor and confirmed by a majority of the Council. The alternate member shall serve a term of two years.
- Must be a resident of the City of Antioch.
- The Board hears appeals regarding administrative decisions by any official of the City dealing with Municipal Code interpretations.
- Three of the members shall have experience in the building construction trades and/or training in the California Code of Regulations.
- Meetings are held the first Thursday of every month at 3:00 p.m. in the City Council Chambers; or on other dates as needed.
- Commissioners are required to submit a FPPC Form 700 (Statement of Economic Interests) upon assuming office, and every year thereafter no later than April 1<sup>st</sup>.
- Newly appointed Commissioners are also required to complete the AB 1234 Ethics training within 1year of their appointment. All Commissioners must then take the AB 1234 Ethics training every two years thereafter. The Ethics training is available online.



#### STAFF REPORT TO THE CITY COUNCIL

**DATE:** Regular Meeting of June 28, 2022

**TO:** Honorable Mayor and Members of the City Council

SUBMITTED BY: Christina Garcia, CMC, Deputy City Clerk Cq

APPROVED BY: Nickie Mastay, Administrative Services Director

**SUBJECT:** City Council Meeting Minutes of May 24, 2022

#### **RECOMMENDED ACTION**

It is recommended that the City Council continue the Meeting Minutes of May 24, 2022.

#### **FISCAL IMPACT**

None

#### **DISCUSSION**

N/A

#### **ATTACHMENT**

None.



#### STAFF REPORT TO THE CITY COUNCIL

**DATE:** Regular Meeting of June 28, 2022

**TO:** Honorable Mayor and Members of the City Council

SUBMITTED BY: Christina Garcia, CMC, Deputy City Clerk Cq

APPROVED BY: Nickie Mastay, Administrative Services Director

**SUBJECT:** City Council Meeting Minutes of June 14, 2022

#### **RECOMMENDED ACTION**

It is recommended that the City Council continue the Meeting Minutes of June 14, 2022.

#### FISCAL IMPACT

None

#### **DISCUSSION**

N/A

#### **ATTACHMENT**

None.



100	General Fund		
Non Depa	rtmental		
00400558	CONTRA COSTA WATER DISTRICT	TREATED WATER CAPACITY FEE	1,213,457.26
00400565	DIAMOND HILLS SPORT CLUB	PAYROLL	80.00
00400566	ECC REG FEE AND FIN AUTH	PROFESSIONAL SERVICES	3,936,627.18
00400600	IN SHAPE HEALTH CLUBS	PAYROLL	368.99
00400609	LIFE INSURANCE COMPANY	PAYROLL	4,223.67
00400622	MUNICIPAL POOLING AUTHORITY	PAYROLL	2,058.51
00400623	MUNICIPAL POOLING AUTHORITY	PAYROLL	1,217.25
00400625	OPERATING ENGINEERS LOCAL NO 3	PAYROLL	3,685.00
00400630		PAYROLL	3,923.70
	STATE OF CALIFORNIA	PAYROLL	460.89
00400645	STATE OF CALIFORNIA	PAYROLL	200.00
00400646	STATE OF CALIFORNIA	PAYROLL	417.02
	BLUE SHIELD LIFE	INSURANCE PREMIUM	4,602.80
00400678	CALIFORNIA BUILDING STANDARDS COMM.	PERMIT FEES	3,401.00
00400679	CALIFORNIA BUILDING STANDARDS COMM.	PERMIT FEES	3,476.00
00400680	CALIFORNIA BUILDING STANDARDS COMM.	PERMIT FEES	2,219.00
00400684	COLONIAL LIFE	INSURANCE PREMIUM	1,494.95
	DELTA DENTAL	INSURANCE PREMIUM	41,604.04
	QUADIENT LEASING USA INC	POSTAGE	2,600.00
	RANEY PLANNING & MANAGEMENT INC	CONSULTING SERVICES	2,017.50
00400735		INSURANCE PREMIUM	4,805.94
00400756	BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	840.00
00400780	CONTRA COSTA COUNTY	PAYROLL	50.00
00400809	JOSE SAUCEDO ROOFING	REFUND CBSC FEE	2.95
00400815	LIFE INSURANCE COMPANY	PAYROLL	4,234.34
00400824	MUNICIPAL POOLING AUTHORITY	PAYROLL	2,069.14
00400830		PAYROLL	7,400.22
	PLUMBER HERO INC	REFUND CBSC FEE	2.30
	STATE OF CALIFORNIA	PAYROLL	200.00
	STATE OF CALIFORNIA	PAYROLL	615.52
	STATE OF CALIFORNIA	PAYROLL	460.89
00942579	ANTIOCH PD SWORN MGMT ASSOC	PAYROLL	770.00
00942580	ANTIOCH POLICE OFFICERS ASSOCIATION	PAYROLL	20,011.30
00942581	ANTIOCH PUBLIC WORKS EMPLOYEE'S	PAYROLL	4,492.66
00942691	NATIONWIDE RETIREMENT SOLUTIONS	PAYROLL	40,160.43
	VANTAGEPOINT TRANSFER AGENTS 301362		9,350.68
	NATIONWIDE RETIREMENT SOLUTION	PAYROLL	28,681.26
	NATIONWIDE RETIREMENT SOLUTIONS	PAYROLL	38,207.52
00942787	VANTAGEPOINT TRANSFER AGENTS 301362	PAYROLL	7,902.56
00942788	NATIONWIDE RETIREMENT SOLUTION	PAYROLL	28,857.19



City Attorney		
00301139 ALHAMBRA	WATER SERVICE	35.43
00400571 FEDEX	SHIPPING	28.78
00400624 OFFICE DEPOT INC	SUPPLIES	95.89
00400624 OFFICE DEPOT INC 00400640 SHRED IT INC	SHRED SERVICE	98.19
00400640 SHREDTTING 00400641 SMITH, THOMAS LLOYD	EXPENSE REIMBURSEMENT	44.90
00400667 ATKINSON ANDELSON LOYA RUUD & ROMO		7,102.92
00400668 BARRY ANINAG INVESTIGATIONS LLC	LEGAL SERVICES RENDERED	10,852.50
	LEGAL SERVICES RENDERED	7,110.22
00400671 BERTRAND FOX & ELLIOT 00400672 BEST BEST AND KRIEGER LLP		5,515.12
	LEGAL SERVICES RENDERED	50,884.97
00400702 HANSON BRIDGETT LLP 00400708 MEYERS NAVE A PROFESSIONAL CORP.	LEGAL SERVICES RENDERED LEGAL SERVICES RENDERED	137,953.87
		582.37
00400760 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	
00400767 BEST BEST AND KRIEGER LLP	LEGAL SERVICES RENDERED	21,651.09
00400778 COLE HUBER LLP	LEGAL SERVICES RENDERED	148.55 316.50
00400807 JACKSON LEWIS PC	LEGAL SERVICES RENDERED	
00400813 LEONE AND ALBERTS	LEGAL SERVICES RENDERED LEGAL SERVICES RENDERED	4,848.34
00400814 LIEBERT CASSIDY WHITMORE		5,397.00
00400819 MEYERS NAVE A PROFESSIONAL CORP.	LEGAL SERVICES RENDERED	56,008.90
00400843 TELECOM LAW FIRM PC	LEGAL SERVICES RENDERED	624.50
00942785 RAY MORGAN COMPANY	COPIER USAGE	274.20
City Manager	CONOUR TIME OF DVICES	40 000 50
00400576 FOCUS STRATEGIES	CONSULTING SERVICES	12,892.50
00400638 RUDRAM LLC	HOMELESS SERVICES	1,750.00
00400662 AMAZON CAPITAL SERVICES INC	SUPPLIES	43.80
00400676 BRENTWOOD PRESS AND PUBLISHING INC	ADVERTISING	2,899.00
00400713 OFFICE DEPOT INC	SUPPLIES	79.27
00400743 AMBIUS	PLANT SERVICES	322.24
00400757 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	2,247.83
00400761 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	135.75
00400784 CONTRA COSTA HEALTH SERVICES	HOMELESS SERVICES	38,844.00
00400811 LAUNDERLAND	HOMELESS SERVICES	640.00
00400857 WORK WORLD	UNIFORMS	244.65
00942785 RAY MORGAN COMPANY	COPIER USAGE	274.20
City Clerk	OUDED OFFINAL	40.44
00400640 SHRED IT INC	SHRED SERVICE	49.11
00400758 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	40.00
00942776 BAY AREA NEWS GROUP - EAST BAY	ADVERTISING	2,503.80
City Treasurer	ADMODED CAD DIGIZED	400 E0
00400817 LOOMIS ARMORED LLC	ARMORED CAR PICKUP	496.58
00942699 PFM ASSET MANAGEMENT LLC	CONSULTING SERVICES	9,982.74
Human Resources	SERVICE AMARDO OUTOV	45.00
00400524 EMPLOYEE	SERVICE AWARDS CHECK	45.00
00400530 EMPLOYEE	SERVICE AWARDS CHECK	125.00



00400535 EMPLOYEE	SERVICE AWARDS CHECK	75.00
00400538 EMPLOYEE	SERVICE AWARDS CHECK	125.00
00400548 EMPLOYEE	SERVICE AWARDS CHECK	125.00
00400551 EMPLOYEE	SERVICE AWARDS CHECK	45.00
00400571 FEDEX	SHIPPING	58.98
00400577 EMPLOYEE	SERVICE AWARDS CHECK	125.00
00400586 EMPLOYEE	SERVICE AWARDS CHECK	75.00
00400592 EMPLOYEE	SERVICE AWARDS CHECK	75.00
00400597 EMPLOYEE	SERVICE AWARDS CHECK	125.00
00400601 EMPLOYEE	SERVICE AWARDS CHECK	75.00
00400604 EMPLOYEE	SERVICE AWARDS CHECK	125.00
00400608 EMPLOYEE	SERVICE AWARDS CHECK	75.00
00400613 EMPLOYEE	SERVICE AWARDS CHECK	75.00
00400620 EMPLOYEE	SERVICE AWARDS CHECK	125.00
00400624 OFFICE DEPOT INC	SUPPLIES	128.82
00400632 EMPLOYEE	SERVICE AWARDS CHECK	75.00
00400633 EMPLOYEE	SERVICE AWARDS CHECK	320.00
00400635 EMPLOYEE	SERVICE AWARDS CHECK	75.00
00400637 EMPLOYEE	SERVICE AWARDS CHECK	75.00
00400640 SHRED IT INC	SHRED SERVICE	98.19
00400713 OFFICE DEPOT INC	SUPPLIES	237.60
00400758 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	31.95
00942704 RAY MORGAN COMPANY	COPIER USAGE	1,555.54
Economic Development		.,
00400757 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	135.44
00400826 NATELSON DALE GROUP INC, THE	CONSULTING SERVICES	4,850.00
00942634 EVVIVA BRANDS LLC	PROFESSIONAL SERVICES	7,400.00
00942785 RAY MORGAN COMPANY	COPIER USAGE	274.20
Finance Administration		
00400624 OFFICE DEPOT INC	SUPPLIES	56.61
00400662 AMAZON CAPITAL SERVICES INC	SUPPLIES	36.22
00400756 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	65.00
00942704 RAY MORGAN COMPANY	COPIER USAGE	1,406.37
Finance Accounting		.,
00400572 FEDEX	SHIPPING	63.67
00400640 SHRED IT INC	SHRED SERVICE	49.11
Finance Operations	5. m.22 52. m.22	
00400525 ACCOUNTEMPS	TEMP SERVICES	854.64
00400662 AMAZON CAPITAL SERVICES INC	SUPPLIES	78.81
00400675 BLUE SHIELD LIFE	INSURANCE PREMIUM	0.30
00400737 ACCOUNTEMPS	TEMP SERVICES	854.64
00400827 OFFICE DEPOT INC	SUPPLIES	76.72
00400847 UNITED PARCEL SERVICE	WEEKLY PRINTER SREVICE	6.00
Non Departmental		0.00
•		



00400556 CONTRA COSTA COUNTY LIBRARY	FACILITY MAINTENANCE	44,598.73
00400624 OFFICE DEPOT INC	SUPPLIES	1,646.25
00400627 PACIFIC CREDIT SERVICES	COLLECTION FEES	835.00
00400681 CELEBRATE ANTIOCH FOUNDATION	EVENT FIREWORKS	39,825.00
00400693 DOCUSIGN INC	SERVICE RENEWAL	2,346.00
00400710 MUNICIPAL POOLING AUTHORITY	LIABLITY DEDUCTIBLE	35,056.27
00400713 OFFICE DEPOT INC	SUPPLIES	41.69
00400721 QUADIENT LEASING USA INC	POSTAGE	175.22
00400725 ROBINS LOCK AND KEY	LOCKSMITH SERVICES	103.72
00400756 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	
00400853 WAGEWORKS	PROFESSIONAL SERVICES	344.00
00942775 AVENU	PROFESSIONAL SERVICES	192.86
Public Works Administration		
00400762 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	356.66
00942704 RAY MORGAN COMPANY	COPIER USAGE	316.78
Public Works Street Maintenance		
00400570 FASTENAL CO	SUPPLIES	353.72
00400639 SHERWIN WILLIAMS CO	SUPPLIES	883.99
00400654 SYAR INDUSTRIES INC	SUPPLIES	1,432.24
00400748 ANTIOCH BUILDING MATERIALS	SUPPLIES	65,594.48
00400762 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	150.16
00400773 C AND J FAVALORA TRUCKING INC	PROFESSIONAL SERVICES	2,940.00
00400782 CONTRA COSTA COUNTY	COMMITTEE FEE	2,310.00
Public Works-Signal/Street Lights		
00400562 DC ELECTRIC GROUP INC	PROFESSIONAL SERVICES	1,475.00
00400628 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	988.25
00400643 STATE OF CALIFORNIA	SIGNALS & LIGHTING SERVICES	5,273.77
00400717 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	2,478.80
00400783 CONTRA COSTA COUNTY	TRAFFIC SIGNAL MAINTENANCE	45,981.59
00400808 JAM SERVICES INC	SUPPLIES	51,116.06
Public Works-Facilities Maintenance		
00400580 FREEDOM ALARM INC	ALARM SERVICE	135.00
00400599 IDN WILCO	SUPPLIES	661.95
00400624 OFFICE DEPOT INC	SUPPLIES	52.99
00400663 AMERICAN PLUMBING INC	SUPPLIES	495.00
00400675 BLUE SHIELD LIFE	INSURANCE PREMIUM	28.23
00400691 DELTA DENTAL	INSURANCE PREMIUM	150.10
00400711 OCONNELL JETTING SYSTEMS	SUPPLIES	6,309.53
00400717 PACIFIC GAS AND ELECTRIC CO	ELECTRIC	1,308.47
00400718 PEPPER INVESTMENTS INC	PEST CONTROL	1,607.00
00400723 RICKIES ROOF REPAIR	ROOF REPAIR	2,540.00
00400725 ROBINS LOCK AND KEY	LOCKSMITH SERVICES	267.25
00400727 SERVICE PROS PLUMBERS INC	PLUMBING SERVICES	356.00
00400744 AMERICAN PLUMBING INC	PROFESSIONAL SERVICES	262.50



00400746	ANIXTER INC BANK OF AMERICA BAY ALARM COMPANY DREAM RIDE ELEVATOR IDN WILCO	SIGNS	3,839.43
00400762	BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	
00400764	BAY ALARM COMPANY	ALARM SERVICE	65.00
00400792	DREAM RIDE ELEVATOR	PROFESSIONAL SERVICES	
		SUPPLIES	633.04
	PEPPER INVESTMENTS INC	PEST CONTROL	1,872.00
	GRAINGER INC	SUPPLIES	299.50
	GRAINGER INC	SUPPLIES	222.97
	rks-Parks Maint		
00400529	ALTA FENCE DC ELECTRIC GROUP INC	FENCE REPLACEMENT	1,448.00
00400562	DC ELECTRIC GROUP INC	PROFESSIONAL SERVICES	5,405.29
00400083	FRY SPECIALTY INC	BATHROOM REPAIR TREE SERVICE ELECTRIC PEST CONTROL PROFESSIONAL SERVICES	4,011.36
00400650	STEWARTS TREE SERVICE INC	TREE SERVICE	405.00
00400717	PACIFIC GAS AND ELECTRIC CO	ELECTRIC	258.81
UUTUU1 IU	PEPPER INVESTMENTS INC	PEST CONTROL	198.00
00400744	AMERICAN PLUMBING INC BANK OF AMERICA	PROFESSIONAL SERVICES	470.00
00400762	BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	75.00
00400790	DELTA CONTROL SOLUTIONS LLC	PUMP REPAIR	650.29
00942773	SITEONE LANDSCAPE SUPPLY HOLDING LLC	SUPPLIES	462.06
<b>Public Wo</b>	rks-Median/General Land		
00400529	ALTA FENCE	PROFESSIONAL SERVICE	958.00
00400532	ALTA FENCE ANTIOCH ACE HARDWARE TERRACARE ASSOCIATES PACIFIC GAS AND ELECTRIC CO	SUPPLIES	32.54
00400655	TERRACARE ASSOCIATES	LANDSCAPE SERVICES	825.00
00400717	PACIFIC GAS AND ELECTRIC CO	ELECTRIC	135.98
	SITEONE LANDSCAPE SUPPLY HOLDING LLC	SUPPLIES	13,362.91
00942773	SITEONE LANDSCAPE SUPPLY HOLDING LLC	SUPPLIES	2,280.44
	ministration		_,
00301179	CITY OF ANTIOCH	EXPENSE REIMBURSEMENT	34.50
00301180	COSTCO	SUPPLIES	132.00
00301241	COSTCO	SUPPLIES	134.58
00400526	ADAMSON POLICE PRODUCTS	SUPPLIES	2 535 23
00400547	CHAPLIN AND HILL INVESTIGATIVE SERVICE CSI FORENSIC SUPPLY DELTA FENCE CO	PROFESSIONAL SERVICES	6,100.00
00400559	CSI FORENSIC SUPPLY	EVIDENCE EQUIPMENT	229.12
00400563	DELTA FENCE CO	SUPPLIES	2,097.79
	FERNANDES AUTO WRECKING AND TOWING		3,000.00
	FLYMOTION	SUPPLIES	4,673.00
	GALLS LLC	UNIFORMS	5,943.80
	GREEN, ROBERT A	EXPENSE REIMBURSEMENT	1,468.29
	OFFICE DEPOT INC	SUPPLIES	227.41
	VERIZON WIRELESS	CELL PHONE	3,008.51
	CLONINGER, NAHLEEN R	EXPENSE REIMBURSEMENT	23.00
	CRUMP INVESTIGATIONS	PRE-EMPLOYMENT	5,295.92
	DELTA DENTAL	INSURANCE PREMIUM	108.32
	OFFICE DEPOT INC	SUPPLIES	1,544.86
	5 <b>52.52</b> 1.01.110	33 LILO	1,577.00



	ADAMSON POLICE PRODUCTS	UNIFORMS	1,124.55
	ARROWHEAD 24 HOUR TOWING INC	EVIDENCE STORAGE	3,978.00
	AT AND T MOBILITY	CELL SERVICE	7,227.12
00400759	BANK OF AMERICA BLUMBERG, FREDRICK C. CLONINGER, NAHLEEN R CONCRETE VISIONS INC	VARIOUS BUSINESS EXPENSES	
00400769	BLUMBERG, FREDRICK C.	CLASS PER DIEM	621.00
00400777	CLONINGER, NAHLEEN R	EXPENSE REIMBURSEMENT	113.00
00400779	CONCRETE VISIONS INC	SUPPLIES	3,100.00
	CORDICO PSYCHOLOGICAL CORPORATION	PRE-EMPLOYMENT TESTING	400.00
00400786	CRYSTAL CLEAR LOGOS INC	UNIFORMS	1,419.73
00400787	CSI FORENSIC SUPPLY	SUPPLIES	66.12
00400793	CRYSTAL CLEAR LOGOS INC CSI FORENSIC SUPPLY EGAN, JOSHUA FEDEX IBS OF TRI VALLEY MOTOPORT USA MULHOLLAND, MATTHEW PARCEL QUEST PEDREIRA, NICCO	UNIFORMS SUPPLIES CLASS PER DIEM SHIPPING BATTERIES UNIFORMS CLASS PER DIEM PROFESIONAL SERVICES	621.00
00400797	FEDEX	SHIPPING	57.18
00400803	IBS OF TRI VALLEY	BATTERIES	25.56
00400821	MOTOPORT USA	UNIFORMS	12,747.63
00400822	MULHOLLAND, MATTHEW	CLASS PER DIEM	345.00
00400829	PARCEL QUEST	PROFESIONAL SERVICES	312.25
00400831	PEDREIRA, NICCO	CLASS PER DIEM	345.00
00400834	PROMOTIONAL DESIGN CONCEPTS	SUPPLIES	1,993.20
00400845	TRAINING INNOVATIONS INC	SOFTWARE SUBSCRIPTION	800.00
00400846	TRANSUNION RISK AND ALTERNATIVE DATA	LEO DATABASE	142.80
00400852	VIGIL JR, JOSEPH	CLASS PER DIEM	345.00
00942600	CANON FINANCIAL SERVICES	COPIER LEASE	1,915.55
00942654	HOYA SAFETY	SAFETY GLASSES	243.75
00942660	IMAGE SALES INC	SUPPLIES	23.27
00942704	RAY MORGAN COMPANY	COPIER USAGE	221.85
00942771	CANON FINANCIAL SERVICES HOYA SAFETY IMAGE SALES INC RAY MORGAN COMPANY MOBILE MINI LLC	LEO DATABASE CLASS PER DIEM COPIER LEASE SAFETY GLASSES SUPPLIES COPIER USAGE EVIDENCE STORAGE	313.07
Police Cad	dets		
	CRYSTAL CLEAR LOGOS INC	UNIFORM	46.97
	mmunity Policing		
	CITY OF ANTIOCH	EXPENSE REIMBURSEMENT	22.40
	ARROWHEAD 24 HOUR TOWING INC	TOW SERVICES	230.00
	BLUMBERG, FREDRICK C.	EXPENSE REIMBURSEMENT	34.50
	CHANDLER, JOSEPH ANTHONY	EXPENSE REIMBURSEMENT	41.01
	EVANS, JOSHUA FIELD	EXPENSE REIMBURSEMENT	44.09
	GREEN, ROBERT A	EXPENSE REIMBURSEMENT	23.00
	LENDERMAN, THOMAS E	EXPENSE REIMBURSEMENT	31.62
	PALMA, KRISTIAN	EXPENSE REIMBURSEMENT	55.76
	STOMMEL INC	PROFESSIONAL SERVICES	11,250.00
	BLUE SHIELD LIFE	INSURANCE PREMIUM	31.94
	HUNT AND SONS INC	FUEL	457.15
	HUNT AND SONS INC	FUEL	469.85
	LENDERMAN, THOMAS E	EXPENSE REIMBURSEMENT	11.50
55.00012		*	



Police Traffic Division		
Police Investigations		
00400528 ALHAMBRA	WATER SERVICE	239.23
00400605 LENDERMAN, THOMAS E	MILEAGE REIMBURSEMENT	128.50
00400666 AT AND T MCI	EVIDENCE PROCESSING	1,475.00
00400729 T MOBILE USA INC	EVIDENCE PROCESSING	2,600.00
00400754 AT AND T MCI	EVIDENCE PROCESSING	425.00
00400759 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	1,089.92
00400781 CONTRA COSTA COUNTY	EVIDENCE PROCESSING	16,840.00
00400810 KOCH, MATTHEW T	EXPENSE REIMBURSEMENT	345.00
00400812 LENDERMAN, THOMAS E	EXPENSE REIMBURSEMENT	46.80
00400855 WHITAKER II, WILLIAM	EXPENSE REIMBURSEMENT	362.07
Police Communications		
00400552 COMCAST	INTERNET SERVICES	151.80
00400664 AMERICAN TOWER CORPORATION	TOWER FEES	253.96
00400685 COMCAST	INTERNET SERVICES	147.75
00400745 AMS DOT NET INC	PROFESSIONAL SERVICES	181.47
Office Of Emergency Management		
00400759 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	80.08
Police Facilities Maintenance		
00400580 FREEDOM ALARM INC	ALARM SERVICE	4,336.28
00400663 AMERICAN PLUMBING INC	SUPPLIES	1,145.00
00400751 ARCEO EPOXY CONCRETE COATINGS INC	C SUPPLIES	3,500.00
00400801 HONEYWELL INTERNATIONAL INC	PROFESSIONAL SERVICES	6,488.56
P & R Administration		
00400788 D AND V SOUND INC	THEATER SYSTEM INSTALL	13,077.61
00400805 INNOVATIVE CONCERT LIGHTING INC	SUPPLIES	22,079.55
Youth Network Services		
00400662 AMAZON CAPITAL SERVICES INC	SUPPLIES	846.05
00400673 BIG SKY LOGOS AND EMBROIDERY	UNIFORMS	756.40
00400694 DRAMA FACTORY, THE	THEATER TECH SERVICES	2,650.00
00400736 ABNER, TRAVIS K	SUPPLIES	210.09
00400742 AMAZON CAPITAL SERVICES INC	SUPPLIES	3,729.26
00400753 ASPIRE YOUTH ENGAGEMENT PROGRAM	S EDUCATION PROGRAM	16,310.00
00942600 CANON FINANCIAL SERVICES	COPIER LEASE	204.13
Community Development Land Planning Services		
00400795 EIDEN, KITTY J	PROFESSIONAL SERVICES	300.00
00400820 MILLER, THOMAS	APPLICATION REFUND	907.00
00400849 URBAN PLANNING PARTNERS	CONSULTING SERVICES	106,504.73
00942704 RAY MORGAN COMPANY	COPIER USAGE	1,218.10
CD Code Enforcement		
00400677 CACEO	WEBINAR FEE	40.00
00400691 DELTA DENTAL	INSURANCE PREMIUM	52.48
00400706 M AND L OVERHEAD DOORS	GATE INSTALLATION	13,305.70



00400734	WORK WORLD	UNIFORMS	101.66
00400774	CACEO	WEBINAR FEE	82.00
00400789	DC ELECTRIC GROUP INC	PROFESSIONAL SERVICES	12,750.00
	VACANT PROPERTY SECURITY LLC	EQUIPMENT RENTAL	408.27
	RAY MORGAN COMPANY	COPIER USAGE	512.39
	eer Land Development		
	OFFICE DEPOT INC	SUPPLIES	39.50
	OFFICE DEPOT INC	SUPPLIES	20.51
	RAY MORGAN COMPANY	COPIER USAGE	643.11
	ty Development Building Inspection		
	OFFICE DEPOT INC	SUPPLIES	9.14
	EAGLE BUSINESS FORMS INC	BUILDING PERMITS	547.15
	OFFICE DEPOT INC	SUPPLIES	68.23
	JOSE SAUCEDO ROOFING	REFUND ENERGY INSP FEE	289.46
	PARCEL QUEST	PROFESSIONAL SERVICES	1,561.25
	PLUMBER HERO INC	FEE REFUND	223.86
	HOYA SAFETY	SAFETY GLASSES	252.75
	p. Administration		
	ISINGS CULLIGAN	WATER SERVICE	65.65
	OFFICE DEPOT INC	SUPPLIES	63.16
	OFFICE DEPOT INC	SUPPLIES	31.16
	BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	165.18
	OFFICE DEPOT INC	SUPPLIES	20.83
	RAY MORGAN COMPANY	COPIER USAGE	343.96
	RMRA Fund		
Streets			
	BKF ENGINEERS INC	PROFESSIONAL SERVICES	49,491.60
211	Delta Fair Property Fund		•
	pen Space		
	RRM DESIGN GROUP	PROFESSIONAL SERVICES	330.00
	CDBG Fund		
CDBG			
	CITY DATA SERVICES LLC	PROFESSIONAL SERVICES	644.00
CDBG-CV			
	CITY DATA SERVICES LLC	PROFESSIONAL SERVICES	220.00
213	Gas Tax Fund		
Streets			
	PACIFIC GAS AND ELECTRIC CO	ELECTRIC	569.70
	PACIFIC GAS AND ELECTRIC CO	ELECTRIC	1,141.66
	TJKM TRANSPORTATION CONSULTANTS	CONSULTING SERVICES	4,071.09
214	Animal Services Fund		
Animal Se			
	CONCORD FEED	SUPPLIES	469.00
	DELTA DENTAL	INSURANCE PREMIUM	12.04
20.00001	·	7	



00942782 MOBILE MINI LLC	STORAGE	184.62
219 Recreation Fund		
Non Departmental 00400749 ANTIOCH MIDDLE SCHOOL	DEDOCIT DEFLIND	4 000 00
00400749 ANTIOCH MIDDLE SCHOOL 00400763 BANK OF AMERICA	DEPOSIT REFUND	1,000.00
00400770 BONNER, PATRIAL	VARIOUS BUSINESS EXPENSES	1,509.13
Nick Rodriguez Community Cent	DEPOSIT REFUND	500.00
00400727 SERVICE PROS PLUMBERS INC	PŁUMBING SERVICES	440.00
00400727 SERVICE PROS FEDIVIBERS INC	PRE-EMPLOYMENT	419.00 60.00
00942704 RAY MORGAN COMPANY	COPIER USAGE	176.17
Senior Programs	COFIER USAGE	170.17
00400718 PEPPER INVESTMENTS INC	PEST CONTROL	444.00
00400742 AMAZON CAPITAL SERVICES INC	SUPPLIES	131.42
Recreation Sports Programs	301 1 LILS	131.42
00400742 AMAZON CAPITAL SERVICES INC	SUPPLIES	86.35
00400763 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	990.80
Recreation-Comm Center	VALUE OF BOOKINESS EXTENSES	330.00
00300920 BIG SKY LOGOS AND EMBROIDERY	UNIFORMS	131.61
00400670 BE EXCEPTIONAL	CONTRACTOR PAYMENT	1,800.00
00400673 BIG SKY LOGOS AND EMBROIDERY	UNIFORMS	1,231.66
00400675 BLUE SHIELD LIFE	INSURANCE PREMIUM	43.29
00400691 DELTA DENTAL	INSURANCE PREMIUM	172.84
00400695 DUGAND, KARINA	CONTRACTOR PAYMENT	360.00
00400707 MAX MARTIAL ARTS LLC	CONTRACTOR PAYMENT	1,171.20
00400713 OFFICE DEPOT INC	SUPPLIES	40.89
00400717 PACIFIC GAS AND ELECTRIC CO	FUEL	19,488.93
00400718 PEPPER INVESTMENTS INC	PEST CONTROL	444.00
00400742 AMAZON CAPITAL SERVICES INC	SUPPLIES	2,548.47
00400763 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	439.07
00400764 BAY ALARM COMPANY	ALARM SERVICE	75.00
00400766 BE EXCEPTIONAL	PROFESSIONAL SERVICES	1,296.00
00400791 DIABLO LIVE SCAN LLC	PRE-EMPLOYMENT	120.00
00400817 LOOMIS ARMORED LLC	ARMORED CAR PICKUP	251.81
00942704 RAY MORGAN COMPANY	COPIER USAGE	737.64
Recreation Water Park		
00400554 COMMERCIAL POOL SYSTEMS INC	RENTAL SERVICE	69.14
00400602 KNORR SYSTEMS INC	CHEMICALS	1,012.37
00400607 LESLIES POOL SUPPLIES	CHEMICALS	848.03
00400718 PEPPER INVESTMENTS INC	PEST CONTROL	444.00
00400719 PEPSI COLA COMPANY	CONCESSION SUPPLIES	1,253.47
00400726 SANTOS, JENCIL DELOS	CLASS REFUND	101.00
00400739 ADVANTASOFT INC	SUPPLIES	1,976.98
00400742 AMAZON CAPITAL SERVICES INC	SUPPLIES	1,674.75
00400745 AMS DOT NET INC	PROFESSIONAL SERVICES	955.28



00400791 00400850	BANK OF AMERICA DIABLO LIVE SCAN LLC US FOODS INC RAY MORGAN COMPANY Measure C/J Fund	VARIOUS BUSINESS EXPENSES PRE-EMPLOYMENT CONCESSION SUPPLIES COPIER USAGE	2,636.02 680.00 3,990.08 199.93
	AL FRESCO LANDSCAPING INC	LANDSCAPE SERVICES	9,984.00
		PROFESSIONAL SERVICES	11,900.00
00400762	BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	792.00
00942773	SITEONE LANDSCAPE SUPPLY HOLDING LLC	SUPPLIES	8,266.07
226	Solid Waste Reduction Fund		
	te Used Oil		
	DELTA DIABLO	HHW OPERATING FEE	3,726.73
	REPUBLIC SERVICES INC	OIL REIMBURSEMENT	1,655.92
Solid Was			
	MATEO, ANDREA LYN	SUPPLIES	30.00
	ECOHERO SHOW LLC, THE	SCHOOL PERFORMANCES	4,975.00
	DELTA DIABLO	HHW OPERATING FEE	19,405.00
229	Pollution Elimination Fund		
	laintenance Operation BLANKINSHIP AND ASSOCIATES INC	DMA TRAINING	3,442.50
		RMA TRAINING	3,442.50 7.98
	BLUE SHIELD LIFE AL FRESCO LANDSCAPING INC	INSURANCE PREMIUM LANDSCAPE SERVICES	3,600.00
	DIABLO LIVE SCAN LLC	PRE-EMPLOYMENT	20.00
	PEPPER INVESTMENTS INC	PEST CONTROL	1,050.00
<b>251</b>	Lone Tree SLLMD Fund	TEST CONTINGE	1,000.00
_ • -	Maintenance Zone 1		
	SITEONE LANDSCAPE SUPPLY HOLDING LLC	SUPPLIES	22,856.24
252	Downtown SLLMD Fund	33 4.23	,
	Maintenance		
	PACIFIC GAS AND ELECTRIC CO	ELECTRIC	20.37
253	Almondridge SLLMD Fund		
Almondrid	lge Maintenance		
	EVERDE GROWERS	SUPPLIES	651.80
255	Park 1A Maintenance District Fund		
Park 1A M	aintenance District		
	COMCAST	INTERNET SERVICES	113.80
	PACIFIC GAS AND ELECTRIC CO	ELECTRIC	44.67
	PACIFIC GAS AND ELECTRIC CO	ELECTRIC	19.67
	ANTIOCH BUILDING MATERIALS	SUPPLIES	1,849.29
256	Citywide 2A Maintenance District Fund		
	A Maintenance Zone 4		400
00400569	EVERDE GROWERS	SUPPLIES	466.70



Citywide i	2A Maintenance Zone 8		
00400569	EVERDE GROWERS	SUPPLIES	354.39
Citywide :	2A Maintenance Zone10		
00400527	AL FRESCO LANDSCAPING INC	LANDSCAPE SERVICES	4,608.00
257	SLLMD Administration Fund		
SLLMD A	dministration		
00400661	WATERSAVERS IRRIGATION	SUPPLIES	6,498.19
00942643	GRAINGER INC	SUPPLIES	91.07
311	Capital Improvement Fund		
Non Depa			
	MERCOZA	PROJECT FINAL PAYMENT	19,540.90
Parks & C	pen Space		
00400582	FROSTAD ATELIER FOUNDRY INC	PROFESSIONAL SERVICES	10,550.00
00400818	MERCOZA	PROGRESS PAYMENT #3	895.00
Streets			
	MG AND JC CONCRETE INC	PROGRESS PAYMENT #4	87,659.51
	ildings & Facilities		
00400688	CORPORATE SIGN SYSTEMS INC	PROFESSIONAL SERVICES	92,891.00
	INDIGO HAMMOND AND PLAYLE	PROFESSIONAL SERVICES	3,550.00
376	Lone Diamond Fund		
	ent District		
	CENTRAL SELF STORAGE ANTIOCH	STORAGE FEE	370.00
570	Equipment Maintenance Fund		
Non Depa	rtmental		
<b>Non Depa</b> 00400598	rtmental HUNT AND SONS INC	FUEL	33,651.26
<b>Non Depa</b> 00400598 00400703	rtmental HUNT AND SONS INC HUNT AND SONS INC	FUEL	15,626.20
<b>Non Depa</b> 00400598 00400703 00400802	rtmental HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC		
Non Depa 00400598 00400703 00400802 Equipmen	rtmental HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC It Maintenance	FUEL FUEL	15,626.20 7,525.53
Non Depa 00400598 00400703 00400802 Equipmen 00400532	rtmental HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC at Maintenance ANTIOCH ACE HARDWARE	FUEL	15,626.20 7,525.53 8.86
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400606	rtmental HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC It Maintenance ANTIOCH ACE HARDWARE LES SCHWAB TIRES OF CALIFORNIA	FUEL FUEL SUPPLIES SUPPLIES	15,626.20 7,525.53 8.86 672.62
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400606 00400610	HUNT AND SONS INC MAINTENANCE ANTIOCH ACE HARDWARE LES SCHWAB TIRES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC	FUEL FUEL SUPPLIES SUPPLIES SUPPLIES	15,626.20 7,525.53 8.86 672.62 207.73
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400606 00400610 00400626	HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC  Maintenance ANTIOCH ACE HARDWARE LES SCHWAB TIRES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC OREILLY AUTO PARTS	FUEL FUEL  SUPPLIES SUPPLIES SUPPLIES SUPPLIES	15,626.20 7,525.53 8.86 672.62 207.73 882.47
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400606 00400610 00400626 00400660	HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC  It Maintenance ANTIOCH ACE HARDWARE LES SCHWAB TIRES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC OREILLY AUTO PARTS WALNUT CREEK FORD	FUEL FUEL  SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES	15,626.20 7,525.53 8.86 672.62 207.73 882.47 1,036.53
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400606 00400610 00400626 00400660 00400662	HUNT AND SONS INC ANTIOCH ACE HARDWARE LES SCHWAB TIRES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC OREILLY AUTO PARTS WALNUT CREEK FORD AMAZON CAPITAL SERVICES INC	FUEL FUEL  SUPPLIES SUPPLIES SUPPLIES SUPPLIES	15,626.20 7,525.53 8.86 672.62 207.73 882.47
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400606 00400610 00400626 00400660 00400662	HUNT AND SONS INC HAMINTENANCE ANTIOCH ACE HARDWARE LES SCHWAB TIRES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC OREILLY AUTO PARTS WALNUT CREEK FORD AMAZON CAPITAL SERVICES INC EAST BAY TIRE CO	FUEL FUEL  SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES	15,626.20 7,525.53 8.86 672.62 207.73 882.47 1,036.53 109.64 1,723.63
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400606 00400610 00400660 00400662 00400697 00400698	HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC IN Maintenance ANTIOCH ACE HARDWARE LES SCHWAB TIRES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC OREILLY AUTO PARTS WALNUT CREEK FORD AMAZON CAPITAL SERVICES INC EAST BAY TIRE CO FASTENAL CO	FUEL FUEL  SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES	15,626.20 7,525.53 8.86 672.62 207.73 882.47 1,036.53 109.64
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400606 00400610 00400660 00400662 00400697 00400698	HUNT AND SONS INC HAMINTENANCE ANTIOCH ACE HARDWARE LES SCHWAB TIRES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC OREILLY AUTO PARTS WALNUT CREEK FORD AMAZON CAPITAL SERVICES INC EAST BAY TIRE CO	FUEL FUEL SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES	15,626.20 7,525.53 8.86 672.62 207.73 882.47 1,036.53 109.64 1,723.63
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400610 00400626 00400660 00400662 00400697 00400698 00400705 00400709	HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC  It Maintenance ANTIOCH ACE HARDWARE LES SCHWAB TIRES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC OREILLY AUTO PARTS WALNUT CREEK FORD AMAZON CAPITAL SERVICES INC EAST BAY TIRE CO FASTENAL CO LIM AUTOMOTIVE SUPPLY INC MUNICIPAL MAINT EQUIPMENT INC	FUEL FUEL  SUPPLIES	15,626.20 7,525.53 8.86 672.62 207.73 882.47 1,036.53 109.64 1,723.63 642.70
Non Depa 00400598 00400703 00400802 Equipmen 00400632 00400610 00400626 00400662 00400662 00400697 00400698 00400705 00400709 00400714	HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC  IN Maintenance ANTIOCH ACE HARDWARE LES SCHWAB TIRES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC OREILLY AUTO PARTS WALNUT CREEK FORD AMAZON CAPITAL SERVICES INC EAST BAY TIRE CO FASTENAL CO LIM AUTOMOTIVE SUPPLY INC MUNICIPAL MAINT EQUIPMENT INC OREILLY AUTO PARTS	FUEL FUEL  SUPPLIES	15,626.20 7,525.53 8.86 672.62 207.73 882.47 1,036.53 109.64 1,723.63 642.70 708.52 52.41 724.19
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400606 00400626 00400662 00400662 00400697 00400698 00400705 00400709 00400714 00400732	HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC  Maintenance ANTIOCH ACE HARDWARE LES SCHWAB TIRES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC OREILLY AUTO PARTS WALNUT CREEK FORD AMAZON CAPITAL SERVICES INC EAST BAY TIRE CO FASTENAL CO LIM AUTOMOTIVE SUPPLY INC MUNICIPAL MAINT EQUIPMENT INC OREILLY AUTO PARTS WALNUT CREEK FORD	FUEL FUEL  SUPPLIES	15,626.20 7,525.53 8.86 672.62 207.73 882.47 1,036.53 109.64 1,723.63 642.70 708.52 52.41 724.19 201.45
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400606 00400626 00400660 00400662 00400697 00400705 00400709 00400714 00400732 00400733	HUNT AND SONS INC HUNT CHARLES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC OREILLY AUTO PARTS WALNUT CREEK FORD AMAZON CAPITAL SERVICES INC EAST BAY TIRE CO FASTENAL CO LIM AUTOMOTIVE SUPPLY INC MUNICIPAL MAINT EQUIPMENT INC OREILLY AUTO PARTS WALNUT CREEK FORD WESTERN PACIFIC TRUCK SCHOOL	FUEL FUEL  SUPPLIES	15,626.20 7,525.53 8.86 672.62 207.73 882.47 1,036.53 109.64 1,723.63 642.70 708.52 52.41 724.19
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400606 00400626 00400660 00400662 00400697 00400705 00400709 00400714 00400732 00400733	HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC HUNT AND SONS INC  Maintenance ANTIOCH ACE HARDWARE LES SCHWAB TIRES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC OREILLY AUTO PARTS WALNUT CREEK FORD AMAZON CAPITAL SERVICES INC EAST BAY TIRE CO FASTENAL CO LIM AUTOMOTIVE SUPPLY INC MUNICIPAL MAINT EQUIPMENT INC OREILLY AUTO PARTS WALNUT CREEK FORD	FUEL FUEL  SUPPLIES	15,626.20 7,525.53 8.86 672.62 207.73 882.47 1,036.53 109.64 1,723.63 642.70 708.52 52.41 724.19 201.45
Non Depa 00400598 00400703 00400802 Equipmen 00400532 00400606 00400662 00400662 00400697 00400698 00400705 00400709 00400714 00400732 00400733 00400747 00400762	HUNT AND SONS INC HUNT CHARLES OF CALIFORNIA LIM AUTOMOTIVE SUPPLY INC OREILLY AUTO PARTS WALNUT CREEK FORD AMAZON CAPITAL SERVICES INC EAST BAY TIRE CO FASTENAL CO LIM AUTOMOTIVE SUPPLY INC MUNICIPAL MAINT EQUIPMENT INC OREILLY AUTO PARTS WALNUT CREEK FORD WESTERN PACIFIC TRUCK SCHOOL	FUEL FUEL  SUPPLIES TRAINING	15,626.20 7,525.53 8.86 672.62 207.73 882.47 1,036.53 109.64 1,723.63 642.70 708.52 52.41 724.19 201.45 4,995.00



	EH WACHS	SUPPLIES	688.36
00400816	LIM AUTOMOTIVE SUPPLY INC	SUPPLIES	718.52
00400823	MUNICIPAL MAINT EQUIPMENT INC	SUPPLIES	626.83
00400825	MUNICIPAL POOLING AUTHORITY	VEHICLE PREMIUM	2,544.02
00400828	OREILLY AUTO PARTS	SUPPLIES	1,352.15
00400842	SUBURBAN PROPANE	SUPPLIES	783.42
00400854	WALNUT CREEK FORD	SUPPLIES	632.53
00942704	RAY MORGAN COMPANY	COPIER USAGE	105.59
00942770	KIMBALL MIDWEST	SUPPLIES	825.04
00942772	PETERSON TRACTOR CO	PROFESSIONAL SERVICES	6,253.80
00942784	PETERSON TRACTOR CO	SUPPLIES & LABOR	3,258.69
573	Information Services Fund		
Network S	Support & PCs		
00942704	RAY MORGAN COMPANY	COPIER USAGE	34.88
GIS Supp	ort Services		
00400536	BHALLA SERVICES INC	CAR WASH SERVICE	13.00
00400768	BHALLA SERVICES INC	OPERATING SUPPLIES	13.00
00942777	DIGITAL SERVICES	SERVER LEASE	1,084.21
Office Eq	uipment Replacement		
00400531	AMS DOT NET INC	PROFESSIONAL SERVICES	4,645.31
00400745	AMS DOT NET INC	LICENSE FEE	5,524.27
577	Post Retirement Medical-Police Fund		
Non Depa	rtmental		
00400540	EMPLOYEE	MEDICAL AFTER RETIREMENT	1,546.42
00400544	EMPLOYEE	MEDICAL AFTER RETIREMENT	857.06
00400585	EMPLOYEE	MEDICAL AFTER RETIREMENT	1,222.30
00400594	EMPLOYEE	MEDICAL AFTER RETIREMENT	1,565.12
00400603	EMPLOYEE	MEDICAL AFTER RETIREMENT	456.06
00400614	EMPLOYEE	MEDICAL AFTER RETIREMENT	708.06
00400615	EMPLOYEE	MEDICAL AFTER RETIREMENT	126.75
00400616	EMPLOYEE	MEDICAL AFTER RETIREMENT	1,479.41
00400621	EMPLOYEE	MEDICAL AFTER RETIREMENT	1,479.41
00400631	EMPLOYEE	MEDICAL AFTER RETIREMENT	1,565.12
00400652	EMPLOYEE	MEDICAL AFTER RETIREMENT	71.30
00942573	EMPLOYEE	MEDICAL AFTER RETIREMENT	456.06
00942574	EMPLOYEE	MEDICAL AFTER RETIREMENT	2,079.36
00942582	EMPLOYEE	MEDICAL AFTER RETIREMENT	1,010.59
00942583	EMPLOYEE	MEDICAL AFTER RETIREMENT	322.08
00942585	EMPLOYEE	MEDICAL AFTER RETIREMENT	1,546.42
00942586	EMPLOYEE	MEDICAL AFTER RETIREMENT	1,515.19
00942590	EMPLOYEE	MEDICAL AFTER RETIREMENT	970.30
00942592	EMPLOYEE	MEDICAL AFTER RETIREMENT	1,546.42
00942601	EMPLOYEE	MEDICAL AFTER RETIREMENT	1,565.12
00942606	EMPLOYEE	MEDICAL AFTER RETIREMENT	970.30



00040000 EMPLOYEE	MEDICAL ACTED DETIDEMENT	=== ==
00942608 EMPLOYEE	MEDICAL AFTER RETIREMENT	770.00
00942611 EMPLOYEE	MEDICAL AFTER RETIREMENT	614.88
00942615 EMPLOYEE	MEDICAL AFTER RETIREMENT	571.38
00942628 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,546.42
00942629 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,714.12
00942635 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,546.42
00942636 EMPLOYEE	MEDICAL AFTER RETIREMENT	770.00
00942637 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,546.42
00942651 EMPLOYEE	MEDICAL AFTER RETIREMENT	153.53
00942653 EMPLOYEE	MEDICAL AFTER RETIREMENT	456.06
00942655 EMPLOYEE	MEDICAL AFTER RETIREMENT	614.88
00942656 EMPLOYEE	MEDICAL AFTER RETIREMENT	266.57
00942657 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,565.12
00942668 EMPLOYEE	MEDICAL AFTER RETIREMENT	153.53
00942669 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,542.71
00942670 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,546.42
00942673 EMPLOYEE	MEDICAL AFTER RETIREMENT	254.12
00942682 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,136.59
00942683 EMPLOYEE	MEDICAL AFTER RETIREMENT	7,897.00
00942688 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,714.12
00942689 EMPLOYEE	MEDICAL AFTER RETIREMENT	708.06
00942690 EMPLOYEE	MEDICAL AFTER RETIREMENT	232.94
00942702 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,565.12
00942703 EMPLOYEE	MEDICAL AFTER RETIREMENT	614.88
00942706 EMPLOYEE	MEDICAL AFTER RETIREMENT	456.06
00942708 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,136.59
00942712 EMPLOYEE	MEDICAL AFTER RETIREMENT	279.53
00942721 EMPLOYEE	MEDICAL AFTER RETIREMENT	580.50
00942723 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,565.12
00942733 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,565.12
00942734 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,565.12
00942736 EMPLOYEE	MEDICAL AFTER RETIREMENT	535.72
00942742 EMPLOYEE	MEDICAL AFTER RETIREMENT	456.06
00942743 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,565.12
00942748 EMPLOYEE	MEDICAL AFTER RETIREMENT	279.53
00942755 EMPLOYEE	MEDICAL AFTER RETIREMENT	476.45
00942759 EMPLOYEE	MEDICAL AFTER RETIREMENT	456.06
00942760 EMPLOYEE	MEDICAL AFTER RETIREMENT	708.06
00942762 EMPLOYEE	MEDICAL AFTER RETIREMENT	18.06
00942764 EMPLOYEE	MEDICAL AFTER RETIREMENT	708.06
578 Post Retirement Medical-Misc Fund		
Non Departmental		
00400545 EMPLOYEE	MEDICAL AFTER RETIREMENT	79.00
00400564 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
		550



00400578 EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
00400581 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00400587 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00400593 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.48
00400612 EMPLOYEE	MEDICAL AFTER RETIREMENT	205.69
00400634 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00400657 EMPLOYEE	MEDICAL AFTER RETIREMENT	100.00
00942575 EMPLOYEE	MEDICAL AFTER RETIREMENT	232.94
00942576 EMPLOYEE	MEDICAL AFTER RETIREMENT	603.96
00942578 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942584 EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
00942589 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942595 EMPLOYEE	MEDICAL AFTER RETIREMENT	205.69
00942598 EMPLOYEE	MEDICAL AFTER RETIREMENT	205.69
00942599 EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
00942602 EMPLOYEE	MEDICAL AFTER RETIREMENT	205.69
00942603 EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
00942604 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942607 EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
00942613 EMPLOYEE	MEDICAL AFTER RETIREMENT	205.69
00942616 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942620 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942621 EMPLOYEE	MEDICAL AFTER RETIREMENT	205.69
00942624 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942627 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942631 EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
00942632 EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
00942633 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942641 EMPLOYEE	MEDICAL AFTER RETIREMENT	709.38
00942642 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942644 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942645 EMPLOYEE	MEDICAL AFTER RETIREMENT	119.47
00942646 EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
00942650 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942652 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942663 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942664 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942667 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942672 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942677 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942679 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942680 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942685 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942687 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
UU942001 EINIPLUTEE	MEDICAL AFTER RETIREMENT	60.10



00942693	EMPLOYEE	MEDICAL AFTER RETIREMENT	205.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	237.50
	EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942705	EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942711	EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	14.26
	EMPLOYEE	MEDICAL AFTER RETIREMENT	153.53
	EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	473.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
579	Post Retirement Medical-Mgmt Fund		
Non Depar			
	EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	864.90
	EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	205.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	244.12
	EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	493.80
	EMPLOYEE	MEDICAL AFTER RETIREMENT	440.38
	EMPLOYEE	MÉDICAL AFTER RETIREMENT	2,079.36
	EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	153.53
	EMPLOYEE	MEDICAL AFTER RETIREMENT	146.52
	EMPLOYEE	MEDICAL AFTER RETIREMENT	145.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	2,079.36
	EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
	EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	709.38
	EMPLOYEE	MEDICAL AFTER RETIREMENT	864.90
00942617	EMPLOYEE	MEDICAL AFTER RETIREMENT	614.88



00942618 EMPLOYEE	MEDICAL AFTER RETIREMENT	145.69
00942619 EMPLOYEE	MEDICAL AFTER RETIREMENT	145.69
00942622 EMPLOYEE	MEDICAL AFTER RETIREMENT	433.33
00942623 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942625 EMPLOYEE	MEDICAL AFTER RETIREMENT	440.38
00942626 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942630 EMPLOYEE	MEDICAL AFTER RETIREMENT	232.94
00942638 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942639 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942640 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.30
00942647 EMPLOYEE	MEDICAL AFTER RETIREMENT	432.80
00942648 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942649 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942658 EMPLOYEE	MEDICAL AFTER RETIREMENT	403.04
00942659 EMPLOYEE	MEDICAL AFTER RETIREMENT	400.00
00942662 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942665 EMPLOYEE	MEDICAL AFTER RETIREMENT	690.38
00942666 EMPLOYEE	MEDICAL AFTER RETIREMENT	2,079.36
00942671 EMPLOYEE	MEDICAL AFTER RETIREMENT	864.90
00942674 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942675 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942676 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942678 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,515.19
00942681 EMPLOYEE	MEDICAL AFTER RETIREMENT	55.67
00942684 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.30
00942686 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,393.17
00942692 EMPLOYEE	MEDICAL AFTER RETIREMENT	145.69
00942694 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,565.12
00942695 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942696 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942700 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942701 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942707 EMPLOYEE	MEDICAL AFTER RETIREMENT	708.06
00942710 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942713 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942714 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942716 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942717 EMPLOYEE	MEDICAL AFTER RETIREMENT	145.69
00942718 EMPLOYEE	MEDICAL AFTER RETIREMENT	864.90
00942719 EMPLOYEE	MEDICAL AFTER RETIREMENT	205.69
00942724 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942725 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942726 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942728 EMPLOYEE	MEDICAL AFTER RETIREMENT	232.94
OOO 12120 LIVII LOTEL		_OE.O+



00942729 EMPLOYEE	MEDICAL AFTER RETIREMENT	614.88
00942730 EMPLOYEE	MEDICAL AFTER RETIREMENT	93.69
00942732 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942735 EMPLOYEE	MEDICAL AFTER RETIREMENT	440.38
00942737 EMPLOYEE	MEDICAL AFTER RETIREMENT	251.46
00942738 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942740 EMPLOYEE	MEDICAL AFTER RETIREMENT	560.38
00942744 EMPLOYEE	MEDICAL AFTER RETIREMENT	119.47
00942749 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942752 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942753 EMPLOYEE	MEDICAL AFTER RETIREMENT	324.38
00942754 EMPLOYEE	MEDICAL AFTER RETIREMENT	2,079.36
00942756 EMPLOYEE	MEDICAL AFTER RETIREMENT	87.69
00942757 EMPLOYEE	MEDICAL AFTER RETIREMENT	1,546.42
611 Water Fund		
Non Departmental		
00400537 BISHOP CO	SUPPLIES	4,044.94
00400550 COLE SUPPLY CO INC	SUPPLIES	4,913.37
00400570 FASTENAL CO	SUPPLIES	75.54
00400610 LIM AUTOMOTIVE SUPPLY INC	SUPPLIES	78.89
00400662 AMAZON CAPITAL SERVICES INC	SUPPLIES	332.94
00400665 ANTIOCH ACE HARDWARE	SUPPLIES	71.09
00400669 BAY AREA BARRICADE	SUPPLIES	318.78
00400698 FASTENAL CO	SUPPLIES	428.09
00400728 SWRCB	SWRCP FEE	109,540.89
00400765 BAY AREA BARRICADE	SUPPLIES	746.87
00400804 IDN WILCO	SUPPLIES	664.04
00942643 GRAINGER INC	SUPPLIES	213.18
00942768 GRAINGER INC	SUPPLIES	2,541.28
00942779 GRAINGER INC	SUPPLIES	72.93
Water Supervision		
00400728 SWRCB	SWRCP FEE	2,650.07
00942769 INFOSEND INC	PRINT AND MAIL SERVICES	1,801.08
Water Production		
00400533 ARAMARK UNIFORM SERVICES	ARAMARK SERVICES	78.13
00400570 FASTENAL CO	SUPPLIES	91.33
00400574 FINBERG FENCING INC	FENCE REPAIR	1,150.00
00400590 HACH CO	SUPPLIES	184.57
00400591 HAGGARD, WILLIAM T	EXPENSE REIMBURSEMENT	50.00
00400649 SWRCB	PROGRAM FEES	1,635.12
00400687 CONTRA COSTA FIRE EQUIPMENT	SUPPLIES	781.38
00400699 FISHER SCIENTIFIC COMPANY	SUPPLIES	155.62
00400701 HACH CO	CHEMICALS	752.70
00400706 M AND L OVERHEAD DOORS	PROFESSIONAL SERVICES	3,699.29

Finance Accounting Prepared by: Michele Milo 6/23/2022



00400717	PACIFIC GAS AND ELECTRIC CO	ELECTRIC	142.67
	UNIVAR SOLUTIONS USA INC	CHEMICALS	8,743.95
	USA BLUEBOOK	SUPPLIES	806.27
	ANTIOCH ACE HARDWARE	SUPPLIES	19.52
	ARAMARK UNIFORM SERVICES	UNIFORM SERVICES	156.26
00400762	BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	
	BORGES AND MAHONEY	SUPPLIES	3,997.27
00400796	ENVIRONMENTAL RESOURCE ASSOCIATES	SUPPLIES	357.92
00400798	FISHER SCIENTIFIC COMPANY	SUPPLIES	436.53
	HACH CO	SUPPLIES	807.05
00400801	HONEYWELL INTERNATIONAL INC	PROFESSIONAL SERVICES	3,411.33
00400827	OFFICE DEPOT INC	SUPPLIES	73.93
00400836	RICE LAKE WEIGHING SYSTEMS INC	SUPPLIES	165.00
00400844	TESCO CONTROLS INC	PROFESSIONAL SERVICES	6,500.00
00400848	UNIVAR SOLUTIONS USA INC	CHEMICALS	7,145.78
00942767	EUROFINS EATON ANALYTICAL INC	TESTING SERVICES	75.00
00942768	GRAINGER INC	SUPPLIES	92.19
00942774	THATCHER COMPANY OF CALIFORNIA INC	CHEMICALS	9,177.00
00942778	EUROFINS EATON ANALYTICAL INC	TESTING SERVICES	80.00
00942779	GRAINGER INC	SUPPLIES	1,435.07
00942780	ICR ELECTRICAL CONTRACTORS	ELECTRICAL REPAIR	2,770.00
00942786	THATCHER COMPANY OF CALIFORNIA INC	CHEMICALS	9,177.00
Water Dis	tribution		
00400543	C AND J FAVALORA TRUCKING INC	PROFESSIONAL SERVICES	6,535.75
00400560	CWEA SFBS	MEMBERSHIP FEE	192.00
00400561	CWEA SFBS	RECERTIFICATION FEE	187.00
00400570	FASTENAL CO	SUPPLIES	565.21
00400611	LOGRASSO, JOHN A	EXPENSE REIMBURSEMENT	50.00
00400624	OFFICE DEPOT INC	SUPPLIES	447.47
00400627	PACIFIC CREDIT SERVICES	COLLECTION FEE	43.36
00400636	ROBERTS AND BRUNE CO	SUPPLIES	333.80
00400647	SWRCB	RECERTIFICATION FEE	91.00
00400648	SWRCB	CERTIFICATION FEE	230.00
00400654	SYAR INDUSTRIES INC	SUPPLIES	3,122.15
00400662	AMAZON CAPITAL SERVICES INC	SUPPLIES	67.78
00400690	CWEA SFBS	MEMBERSHIP FEE	192.00
	DELTA DENTAL	INSURANCE PREMIUM	382.05
00400713	OFFICE DEPOT INC	SUPPLIES	24.69
	PACE SUPPLY CORP	SUPPLIES	2,351.68
	ROBERTS AND BRUNE CO	SUPPLIES	6,892.56
	ANTIOCH BUILDING MATERIALS	SUPPLIES	6,495.06
	BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	1,147.34
	CRYSTAL CLEAR LOGOS INC	UNIFORMS	318.43
	PARCEL QUEST	PROFESSIONAL SERVICES	3,747.00
			·



00400007 DODEDTO AND DDUNE OO	OLIDBUIES.	
00400837 ROBERTS AND BRUNE CO 00400847 UNITED PARCEL SERVICE	SUPPLIES	2,066.25
00400856 WOODARD AND CURRAN	WEEKLY PRINTER SERVICE	6.00
00942654 HOYA SAFETY	PROFESSIONAL SERVICES	3,484.50
00942661 INFOSENDINC	SUPPLIES	232.75
00942704 RAY MORGAN COMPANY	PROFESSIONAL SERVICES	2,292.78
00942771 MOBILE MINI LLC	COPIER USAGE	305.64
00942771 MOBILE MINITEC	STORAGE PRINT & MAIL SERVICES	474.44
Public Buildings & Facilities	PRINT & WAIL SERVICES	4,643.63
00400686 CONSTRUCTION TESTING SERVICES	PROFESSIONAL SERVICES	44.002.00
00400856 WOODARD AND CURRAN	PROFESSIONAL SERVICES PROFESSIONAL SERVICES	44,983.90 3,336.00
00942766 CAROLLO ENGINEERS INC	PROFESSIONAL SERVICES	3,336.00 105,424.71
621 Sewer Fund	PROFESSIONAL SERVICES	105,424.71
Swr-Wastewater Administration		
00400543 C AND J FAVALORA TRUCKING INC	PROFESSIONAL SERVICES	6,535.75
00400624 OFFICE DEPOT INC	SUPPLIES	232.52
00400654 SYAR INDUSTRIES INC	SUPPLIES	3,122.16
00400665 ANTIOCH ACE HARDWARE	SUPPLIES	3,122.10
00400669 BAY AREA BARRICADE	SUPPLIES	2,118.72
00400675 BLUE SHIELD LIFE	INSURANCE PREMIUM	24.80
00400691 DELTA DENTAL	INSURANCE PREMIUM	45.49
00400692 DELTA DIABLO	HHW OPERATING FEE	38,868.27
00400698 FASTENAL CO	SUPPLIES	465.56
00400713 OFFICE DEPOT INC	SUPPLIES	24.69
00400720 PORTER, CLEVELAND J	EXPENSE REIMBURSEMENT	60.00
00400724 ROBERTS AND BRUNE CO	SUPPLIES	1,192.32
00400735 AFLAC	INSURANCE PREMIUM	84.10
00400747 ANTIOCH ACE HARDWARE	SUPPLIES	427.59
00400748 ANTIOCH BUILDING MATERIALS	SUPPLIES	6,495.07
00400762 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	1,244.79
00400786 CRYSTAL CLEAR LOGOS INC	UNIFORMS	483.32
00400806 JACK DOHENY SUPPLIES INC	SUPPLIES	307.84
00400829 PARCEL QUEST	PROFESSIONAL SERVICES	624.50
00400837 ROBERTS AND BRUNE CO	SUPPLIES	4,475.62
00942661 INFOSEND INC	PROFESSIONAL SERVICES	2,292.79
00942704 RAY MORGAN COMPANY	COPIER USAGE	290.35
00942768 GRAINGER INC	SUPPLIES	617.40
00942769 INFOSEND INC	PRINT AND MAIL SERVICES	1,801.07
00942781 INFOSEND INC	PRINT AND MAIL SERVICES	4,643.64
Wastewater Collection		
00400642 SOUTHWEST PIPELINE AND TRENCHES	PROFESSIONAL SERVICES	287,316.91



631 Marina Fund		
Non Departmental		
00400653 SWEENEY, DAVID	DEPOSIT REFUND	40.00
00400799 FLEMING, MATTHEW	DEPOSIT REFUND	143.75
Marina Administration		
00400703 HUNT AND SONS INC	FUEL	15,329.71
00400741 ALHAMBRA	WATER SERVICE	32.93
00400762 BANK OF AMERICA	VARIOUS BUSINESS EXPENSES	82.03
00400772 BRENTWOOD PRESS AND PUBLISHIN	G INC ADVERTISING	1,439.00
00942704 RAY MORGAN COMPANY	COPIER USAGE	75.46



227 Housing Fund

Housing

00400682 CITY DATA SERVICES LLC FY 2021/22 C 00400700 HABITAT FOR HUMANITY EAST BAY APRIL 2022

FY 2021/22 QUARTERLY MAINT

1,836.00 89,730.49



#### STAFF REPORT TO THE CITY COUNCIL

DATE:

Regular Meeting of June 28, 2022

TO:

Honorable Mayor and Members of the City Council

**SUBMITTED BY:** 

John Samuelson, Director of Public Works/City Engineer <sup>35</sup>

SUBJECT:

Second Reading: Ordinance Amending Article 15 of Chapter 5 of

Title 4 of the Antioch Municipal Code and Changing the Prima

Facie Speed Limit on Various Roadway (PW 282-3A)

#### RECOMMENDED ACTION

It is recommended that the City Council adopt the proposed ordinance ("Attachment A") amending Article 15 of Chapter 5 of Title 4 of the Antioch Municipal Code "Special Speed Zones" in order to change the prima facie speed limit on certain streets.

#### FISCAL IMPACT

Minor costs will be incurred associated with removing and replacing existing speed limit signs as a result of this item. It is anticipated that this recommendation will have no impact to the General Fund.

#### DISCUSSION

The State of California requires municipalities to update speed zone surveys every 5 years with an option to extend to 7 or 10 years, depending on certain circumstances. Section 627 of the California Vehicle Code (CVC) requires that Engineering and Traffic Surveys be conducted based on the methodology mandated by the California Department of Transportation (Caltrans).

Specific procedures for conducting Engineering and Traffic Surveys are contained in Sections 2B.13 through 2B.18 of the California Manual on Uniform Traffic Control Devices ("MUTCD"). Speed limits set by these procedures are enforceable by radar or lidar. Radar enforcement appears to be the most common method of enforcement as the City's roadway configurations (narrow width, curvature, divided roadways and non-vehicular uses) do not lend themselves to other means of speed enforcement like pacing vehicles. Therefore, any speed zone that is not based on the California MUTCD procedures would have the following consequences:

➤ Radar enforcement could not be utilized, potentially compromising safety by restricting the ability to control unreasonable driving behavior;

- > Speed zones set artificially low would make a large number of reasonable drivers "unlawful" and do not facilitate the orderly flow of traffic;
- > Speed limits set higher than the prevailing speed are not considered reasonable and safe.

In 2015, the City Council approved the establishment and update of speed limits on various street segments, based on an Engineering and Traffic Survey. In order to ensure speed limits are appropriate and enforceable, selected street segments were identified as requiring a resurvey due to various roadway modifications including resurfacing and restriping. Accordingly, this Engineering and Traffic Survey has been prepared to update speed limits for the following street segments shown in the table below.

Interwest Consulting Group conducted and prepared the updated Engineering and Traffic Survey (E&TS) Report, dated April 14, 2022. The report presents the results of the survey and includes a summary of collected radar speed surveys, daily traffic counts, traffic collisions, and recommended speed limits for the 35 identified street segments on arterial and collector roadways. The following changes are recommended.

No.	Street	Between	Roadway Classification		85th% Speed (mph)	Recommended Speed Limit (mph) <sup>2</sup>
1	W. 2nd St.	L St. & G St.	Collector	25	31	25
2	W. 4th St.	L St. & C. St.	Collector	25	29	25
3	W. 6th St.	L St. & A St.	Local	25	32	25
4*	W. 10th St.*	Auto Center Dr. & L St.	Arterial	35	42	35
5	E. 18th St.	A St. & Hillcrest Ave.	Arterial	30	42	35
5 6		Hillcrest Ave. & East City Limits	Arterial	45	50	45
7*	Auto Center Dr.	4th St. & 10th St.	Arterial	35	42	35
8*		SPRR & SR-4	Arterial	35	42	35
9	Buchanan Rd.	City Limits & Somersville Rd.	Arterial	45	49	45
10*		Somersville Rd. & Lucena Wy.	Arterial	35	40	35
11*		Lucena Wy. & Contra Loma Blvd.	Arterial	35	41	35
12	Cavallo Rd.	E. Tregallas Rd. & 18th St.	Collector	25	37	30
13		18th St. & Wilbur Ave.	Collector	35	41	35
14*	Dallas Ranch Rd.	Lone Tree Wy. & Mokelomne Dr.	Arterial	45	48	45
15*	Deer Valley Rd.	Hillcrest Ave. & Lone Tree Wy.	Arterial	45	52	45
16*	,	Lone Tree Wy. & Mammoth Dr.	Arterial	45	51	45
17*	Delta Fair Blvd.	City Limits & Belle Dr.	Arterial	35	41	35
18*		Kendree St. & Somersville Rd.	Arterial	30	36	30
19		Somersville Rd. & Buchanan Rd.	Arterial	30	37	30
20	Garrow Dr.	E. Tregallas Rd & Davison Dr.	Collector	25	25	25
21*	Hillcrest Ave.	18th St. & Sunset Dr.	Arterial	40	45	40
22*		Sunset Dr. & Davison Dr.	Arterial	45	46	40
23*		Davison Dr. & Lone Tree Wy.	Arterial	45	46	40
24*	James Donlon Blvd.	Somersville Rd. & Contra Loma Blvd.	Arterial	40	52	45
25*		Contra Loma Blvd. & Lone Tree Wy.	Arterial	40	47	40
26*	Lone Tree Wy.	SR-4 & Putnam St.	Arterial	35	40	35
27*		Putnam St. & James Donlon Blvd.	Arterial	35	45	40
28*	1	James Donlon Blvd. & Deer Valley Rd.	Arterial	45	51	45
29*		Deer Valley Rd. & East City Limits	Arterial	45	51	45
30	Pittsburg-Antioch (W. 10th St)	West City Limits & Auto Center Dr.	Arterial	50	53	50
31*	Somersville Rd.	SR-4 & Buchanan Rd.	Arterial	35	37	35
32*	Wilbur Ave.	Cavallo Rd. & 1600 ft. east of Minaker Dr.	Arterial	40	47	40
33		1600 ft. east of Minaker Dr. & East City Limits	Arterial	45	52	45
34*	Wild Horse Rd.	Hillcrest Ave. & Wild Horse Rd Easterly Terminus	Collector	45	49	45
35	Worrell Rd.	Lone Tree Wy. & Garrow Dr.	Collector	25	31	25

<sup>&</sup>lt;sup>1</sup> D = Divided Roadway, U = Undivided Roadway
<sup>2</sup> For divided roadways, the greater 85th percentile speed for the two directions, which is shown in the 85<sup>th</sup>%ile Speed column, was used to determine the speed limit. See Engineering and Traffic Survey Summary Sheets in Appendix C for both 85th percentile speeds.

<sup>\*</sup> Study roadways that are predominantly divided (see Lanes column), are marked with an asterisk next to the segment numbér.

For the updated speed limits to be memorialized, an Ordinance recommending changes to the Municipal Code must be approved. A copy of the proposed Ordinance is included as Attachment A and a redline of the revisions is included as Attachment B.

#### CONCLUSION

Defensible speed zone surveys supported by the courts are required for continued radar enforcement of the posted speed limit and the issuance of citations. Therefore, staff recommends that the City Council introduce an Ordinance amending Article 15 of Chapter 5 of Title 4 of the Antioch Municipal Code "Special Speed Zones".

#### **ATTACHMENTS**

- A. Proposed Ordinance
- B. Redline/Strikeout of Municipal Code Section 4-5, Article 15
- C. Citywide Engineering and Traffic Survey, April 14, 2022

#### **ATTACHMENT "A"**

#### ORDINANCE NO. \_\_\_\_

# AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF ANTIOCH AMENDING SECTIONS 4-5.1501 OF THE ANTIOCH MUNICIPAL CODE IN ORDER TO CHANGE THE PRIMA FACIE SPEED LIMIT ON VARIOUS STREETS

WHEREAS, Engineering and Traffic Surveys are required by the State of California to establish speed limits on arterial and collector streets within a municipality as shown on the Functional Classification Maps of the Federal Highway Administration and to enforce those limits using radar or other speed measuring devices;

WHEREAS, Interwest Consulting Group prepared an "Engineering and Traffic Survey – dated April 14, 2022, recommending revisions to the speed limit on various arterial and collector roadways:

WHEREAS, municipalities within the State of California are required to set the speed limits on local streets as shown on the Functional Classification Maps of the Federal Highway Administration;

**WHEREAS,** Engineering and Traffic Surveys are *not* required on local streets to establish speed limits, however, speed limits must conform to various sections of the California Vehicle Code;

**WHEREAS**, the City of Antioch is required to memorialize changes to speed limits by ordinance per the California Vehicle Code (CVC 22357); and

**WHEREAS**, Antioch Municipal Code Sections 4-5.1501.5 and 4-5.1501.6, which set speed limits on various streets at 35 and 40 respectively, will be affected by the proposed ordinance revisions.

#### THE CITY COUNCIL DOES ORDAIN AS FOLLOWS:

**SECTION 1.** Article 15 of Chapter 5 of Title 4 of the Antioch Municipal Code is hereby amended in its entirety to read as follows:

#### "§ 4-5.1501 SPEED LIMITS ESTABLISHED.

The Council, on the basis of engineering and traffic investigations and surveys, has determined that the speeds permitted by state laws, as applicable to certain city streets, are different than those necessary for safe operation thereon under the conditions found to exist on such streets. It is hereby declared that the prima facie speed limit shall be as set forth in this article on those streets, or parts of streets, within the City when signs giving notice thereof have been erected upon such streets.

#### § 4-5.1501.1 FIFTEEN MILES PER HOUR.

The speed limit shall be 15 miles per hour on the following streets or parts of streets:

- (A) Parker Lane;
- (B) Noia Avenue;
- (C) Wisner Drive; and
- (D) Roelling Drive from Wisner Drive to Noia Avenue.

#### § 4-5.1501.2 TWENTY MILES PER HOUR.

The speed limit shall be 20 miles per hour on the following streets or parts of streets: None.

#### § 4-5.1501.3 TWENTY-FIVE MILES PER HOUR.

The speed limit shall be 25 miles per hour on the following streets or parts of streets: All city streets except those designated otherwise in this article.

#### § 4-5.1501.4 THIRTY MILES PER HOUR.

The speed limit shall be 30 miles per hour on the following streets or parts of streets:

- (A) A Street from Wilbur Avenue to State Route 4;
- (B) East Tregallas Road from Lone Tree Way to Garrow Drive;
- (C) Delta Fair Boulevard from Belle Drive to Buchanan Road;
- (D) Sycamore Drive from the east boundary of Somersville Road to the west boundary of L Street;
- (E) Willow Avenue from East Eighteenth Street to the north boundary of Oakley Road;
- (F) Oakley Road from the west boundary of Willow Avenue to the east boundary of Viera Avenue;
- (G) Viera Avenue from East 18th Street to its southerly terminus;
- (H) Buchanan Road from Somersville Road to Contra Loma Boulevard;
- (I) San Jose Drive from Delta Fair Boulevard to Buchanan Road;
- (J) Somersville Road from State Route 4 to Buchanan Road;
- (K) Country Hills Drive from Lone Tree Way to Deer Valley Way;
- (L) Country Hills Drive from Hillcrest Avenue to Laurel Road;
- (M) Mokelumne Drive from Lone Tree Way to Prewett Ranch Road;
- (N) Wildflower Drive from Hillcrest Avenue to Deer Valley Road;
- (O) Mt. Hamilton Drive from Golf Course Road to Dallas Ranch Road;
- (P) Sand Creek Road north of Lone Tree Way;
- (Q) Vista Grande Drive;
- (R) Wilson Street;
- (S) Auto Center Drive from West Fourth Street to State Route 4;
- (T) Canada Valley Road; and
- (U) Cavallo Road from East Tregallas Road to East 18th Street.

#### § 4-5.1501.5 THIRTY-FIVE MILES PER HOUR.

The speed limit shall be 35 miles per hour on the following streets or parts of streets:

- (A) Lone Tree Way from State Route 4 to Putnam Street;
- (B) Cavallo Road from Wilbur Avenue to 18th Street;
- (C) East Tregallas Road from Garrow Drive to Hillcrest Avenue;
- (D) Sunset Drive from Cavallo Road to Hillcrest Avenue;
- (E) East 18<sup>th</sup> Street from A Street to Hillcrest Avenue:
- (F) Hillcrest Avenue from East 18th Street to East Tregallas Road;
- (G) West Tenth Street from Somersville Road to L Street;
- (H) L Street from West Tenth Street to the Freeway;
- (I) Contra Loma Boulevard from Buchanan Road to James Donlon Boulevard:
- (J) Buchanan Road from Somersville Road to Delta Fair Boulevard;
- (K) Delta Fair Boulevard from the west city limits to Belle Drive;
- (L) Somersville Road from north city limits to south city limits;
- (M) Davison Drive from Lone Tree Way to Hillcrest Avenue;
- (N) Verne Roberts Circle;
- (O) Golf Course Road;
- (P) Prewett Ranch Road from Dallas Ranch Road to Deer Valley Road;
- (Q) Frederickson Lane;
- (R) W. 4th Street from Somersville Road to L Street; and
- (S) Larkspur Drive from Hillcrest Avenue to Bluebell Circle.

#### § 4-5.1501.6 FORTY MILES PER HOUR.

The speed limit shall be 40 miles per hour on the following streets or parts of streets:

- (A) Wilbur Avenue from A Street to 1600 feet east of Minaker Drive;
- (B) Lone Tree Way from Putnam Street to James Donlon Boulevard;
- (C) James Donlon Boulevard between Contra Loma Blvd & Lone Tree Way; and
- (D) Hillcrest Avenue from E. 18<sup>th</sup> Street to Lone Tree Way.

#### § 4-5.1501.7 FORTY-FIVE MILES PER HOUR.

The speed limit shall be 45 miles per hour on the following streets or parts of streets:

- (A) Dallas Ranch Road;
- (B) East 18th Street from Hillcrest Avenue to the east city limits;
- (C) Buchanan Road from the west city limits to Somersville Road;
- (D) Oakley Road from Willow Avenue to the east city limits;
- (E) Lone Tree Way from James Donlon Boulevard to the east city limits;
- (F) Deer Valley Road;
- (G) Laurel Road:
- (H) Wild Horse Road;

- (I) Somersville Road south of Buchanan Road;
- (J) Wilbur Avenue from 1600 feet east of Minaker to the easterly city limits:
- (K) Heidorn Ranch Road;
- (L) Sand Creek Road; and
- (M) James Donlon Boulevard between Somersville Road and Contra Loma Boulevard.

#### **§ 4-5.1501.8 FIFTY MILES PER HOUR.**

The speed limit shall be 50 miles per hour on the following streets or parts of streets: West Tenth Street from the west city limits to Somersville Road.

#### § 4-5.1501.9 FIFTY-FIVE MILES PER HOUR.

The speed limit shall be 55 miles per hour on the following streets or parts of streets: None.

#### § 4-5.1502 SIGNS ERECTED TO DESIGNATE SPEED LIMITS.

The City Traffic Engineer is directed to have signs erected upon the streets at appropriate **locations** giving notice of the limits established by § 4-5.1501 of this article.

#### § 4-5.1503 REGULATION OF SPEED BY TRAFFIC SIGNALS.

The City Traffic Engineer is authorized to regulate the timing of traffic signals so as to permit the movement of traffic in an orderly and safe manner at speeds slightly at variance from speeds otherwise applicable within the district or intersections and shall erect appropriate signs giving notice thereof."

**SECTION 2. CEQA.** This Ordinance is not a "project" subject to the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines section 15378. In the event that this Ordinance is found to be a project under CEQA, it is subject to the CEQA exemption contained in CEQA Guideline section 15061(b)(3) because it can be seen with certainty that there is no possibility that it may have a significant effect on the environment, subject to a statutory exemption contained in CEQA Guidelines section 15369(b), or subject to a categorical exemption contained in CEQA Guidelines sections 15301, 15302, 15303, 15304, 15307, 15308, and 15309.

**SECTION 3.** This ordinance shall take effect and be enforced thirty (30) days from and after the date of its adoption and shall be as required in the California Government Code in a newspaper of general circulation printed and published in the City of Antioch.

I HEREBY CERTIFY that the foregoing ordinance was introduced at a regular meeting of the City Council of the City of Antioch, held on the 14<sup>th</sup> day of June, 2022, and passed and

adopted at a regular meeting thereof, held on the 28th vote:	day of June, 2022, by the following
AYES:	
NOES:	
ABSTAIN:	
ABSENT:	
ATTEST:	Mayor of the City of Antioch
City Clerk of the City of Antioch	
(PW 282-3A)	

#### **ATTACHMENT "B"**

#### PROPOSED MUNICIPAL CODE "RED-LINE/STRIKE-OUT"

#### § 4-5.1501 SPEED LIMITS ESTABLISHED.

The Council, on the basis of engineering and traffic investigations and surveys, has determined that the speeds permitted by state laws, as applicable to certain city streets, are different than those necessary for safe operation thereon under the conditions found to exist on such streets. It is hereby declared that the prima facie speed limit shall be as set forth in this article on those streets, or parts of streets, within the city when signs giving notice thereof have been erected upon such streets.

#### § 4-5.1501.1 FIFTEEN MILES PER HOUR.

The speed limit shall be 15 miles per hour on the following streets or parts of streets:

- (A) Parker Lane;
- (B) Noia Avenue;
- (C) Wisner Drive;
- (D) Roelling Drive from Wisner Drive to Noia Avenue.

#### § 4-5.1501.2 TWENTY MILES PER HOUR.

The speed limit shall be 20 miles per hour on the following streets or parts of streets: (none).

#### § 4-5.1501.3 TWENTY-FIVE MILES PER HOUR.

The speed limit shall be 25 miles per hour on the following streets or parts of streets: All city streets except those designated otherwise in this article.

#### § 4-5.1501.4 THIRTY MILES PER HOUR.

The speed limit shall be 30 miles per hour on the following streets or parts of streets:

- (A) A Street from Wilbur Avenue to State Route 4;
- (B) East Tregallas Road from Lone Tree Way to Garrow Drive;
- (C) East 18th Street from A Street to Cavallo Road;
- (D)(C) Delta Fair Boulevard from Belle Drive to Buchanan Road;
- (E)(D) Sycamore Drive from the east boundary of Somersville Road to the west boundary of L Street;
- (F)(E) Willow Avenue from East Eighteenth Street to the north boundary of Oakley Road;
- (G)(F) Oakley Road from the west boundary of Willow Avenue to the east boundary of Viera Avenue;
- (H)(G) Viera Avenue from East 18th Street to its southerly terminus;
- (H)(H) Buchanan Road from Somersville Road to Contra Loma Boulevard;
- (J)(I) San Jose Drive from Delta Fair Boulevard to Buchanan Road;
- (K)(J) Somersville Road from State Route 4 to Buchanan Road;
- (L)(K) Country Hills Drive from Lone Tree Way to Deer Valley Way;
- (M)(L) Country Hills Drive from Hillcrest Avenue to Laurel Road
- (N)(M) Mokelumne Drive from Lone Tree Way to Prewett Ranch Road;

- (O)(N) Wildflower Drive from Hillcrest Avenue to Deer Valley Road;
- (P)(O) Mt. Hamilton Drive from Golf Course Road to Dallas Ranch Road;
- (Q)(P) Sand Creek Road north of Lone Tree Way;
- (R)(Q) Vista Grande Drive;
- (S)(R) Wilson Street;
- (T)(S) Auto Center Drive from West Fourth Street to State Route 4; and
- (T) Canada Valley Road; and-
- (U) Cavallo Road from East Tregallas Road to East 18th Street;

#### § 4-5.1501.5 THIRTY-FIVE MILES PER HOUR.

The speed limit shall be 35 miles per hour on the following streets or parts of streets:

- (A) Lone Tree Way from State Route 4 to James Donlon Boulevard Putnam Street:
- (B) Cavallo Road from Wilbur Avenue to 18th Street;
- (C) East Tregallas Road from Garrow Drive to Hillcrest Avenue;
- (D) Sunset Drive from Cavallo Road to Hillcrest Avenue;
- (E) East 18th Street from Cavallo Road to Hillcrest Avenue
- (E)(F) East 18th Street from A Street to Hillcrest Avenue;
- (F)(G) Hillcrest Avenue from East 18th Street to East Tregallas Road;
- (G)(H) West Tenth Street from Somersville Road to L Street;
- (H)(I) L Street from West Tenth Street to the Freeway;
- (I)(J) Contra Loma Boulevard from Buchanan Road to James Donlon Boulevard:
- (J)(K) Buchanan Road from Somersville Road to Delta Fair Boulevard;
- (K)(L) Delta Fair Boulevard from the west city limits to Belle Drive;
- (L)(M) Somersville Road from north city limits to south city limits;
- (M)(N) Davison Drive from Lone Tree Way to Hillcrest Avenue;
- (N)(O) Verne Roberts Circle:
- (O)(P) Golf Course Road;
- (P)(Q) Prewett Ranch Road from Dallas Ranch Road to Deer Valley Road;
- (Q)(R) Frederickson Lane; and
- (R)(S) W. 4th Street from Somersville Road to L Street; and
- (S)(T) Larkspur Drive from Hillcrest Avenue to Bluebell Circle.

#### § 4-5.1501.6 FORTY MILES PER HOUR.

The speed limit shall be 40 miles per hour on the following streets or parts of streets:

- (A) Wilbur Avenue from A Street to 1600 feet east of Minaker Drive; and
- (A)(B) Lone Tree Way from Putnam Street to James Donlon Boulevard;
- (C) James Donlon Boulevard between Lone Tree Way & Somersville
  Roadand James Donlon Boulevard between Contra Loma Blvd & Lone
  Tree Way; and-
- (B)(D) Hillcrest Avenue from E. 18th Street to Lone Tree Way.

#### § 4-5.1501.7 FORTY-FIVE MILES PER HOUR.

The speed limit shall be 45 miles per hour on the following streets or parts of streets:

- (A) Dallas Ranch Road;
- (B) East 18th Street from Hillcrest Avenue to the east city limits;
- (C) Hillcrest Avenue from south of East Tregallas Road;
- (D) Buchanan Road from the west city limits to Somersville Road;
- (E) Oakley Road from Willow Avenue to the east city limits;
- (F) Lone Tree Way from James Donlon Boulevard to the east city limits;
- (G) Deer Valley Road;
- (H) Laurel Road;
- (I) Wild Horse Road;
- (J) Somersville Road south of Buchanan Road;
- (K) Wilbur Avenue from 1600 feet east of Minaker to the easterly city limits;
- (L) Heidorn Ranch Road; and
- (M) Sand Creek Road, and

(M)(N) James Donlon Boulevard between Somersville Road and Contra Loma Boulevard.

#### § 4-5.1501.8 FIFTY MILES PER HOUR.

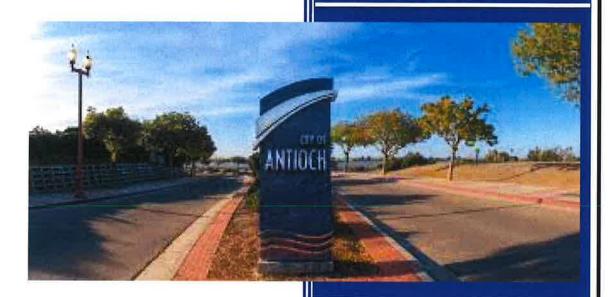
The speed limit shall be 50 miles per hour on the following streets or parts of streets: West Tenth Street from the west city limits to Somersville Road.

#### § 4-5.1501.9 FIFTY-FIVE MILES PER HOUR.

The speed limit shall be 55 miles per hour on the following streets or parts of streets: None.

## **Engineering and Traffic Survey**

**APRIL 14, 2022** 



Submitted to:

**City of Antioch** 



### **Prepared by:**

**Interwest Consulting Group, Inc.** 



### ANTIQCH

#### TRAFFIC ENGINEER'S CERTIFICATION

I, Ruth Smith, do hereby certify that this Engineering and Traffic Survey dated April 14, 2022, has been prepared in accordance with procedures established by the State of California and conform to Sections 627 of the California Vehicle Code (CVC) and Section 2B.13 of the latest edition of the State of California Department of Transportation (Caltrans) California Manual on Uniform Traffic Control Devices, in order to establish and update speed limits. This Engineering and Traffic Survey is intended to satisfy the requirements of Section 40802 of the CVC to enable the continued use of radar or other electronic devices for traffic speed enforcement. This Engineering and Traffic Survey contains recommended speed limits for thirty-five (35) roadway segments in the City of Antioch and was prepared under my supervision and is accurate and complete. I certify that I am experienced in performing surveys of this type and that I am duly registered in the State of California as a Professional Traffic Engineer.

Ruth M. Smith, TE, PTP Traffic Engineer RTE 1650, Exp. 9/30/22

Date





#### **TABLE OF CONTENTS**

SECTIO	<u>N</u>	<u>PAGE</u>
1.0	INTRODUCTION	1
2.0	STUDY METHODOLOGY	4
3.0	SURVEY RESULTS	8
3.1	Spot Speed Radar Survey	8
3.2	Collision Rate Analysis	12
3.3	Roadway Segment Field Review	17
4.0	SUMMARY AND CONCLUSIONS	18

#### LIST OF TABLES

<u>TAI</u>	<u>BLE</u>	<u>PAGE</u>
1	Segment Spot Speed Summary	9-10
2	Segment Statewide Average Collision Rates	13-14
3	Collision Analysis	15-16
4	Roadway Segments with Recommended Changes to Speed Limit	18-19

#### **LIST OF FIGURES**

<b>FIGURE</b>		PAGE
1	Recommended Speed Limits Map	11

#### **APPENDIX**

- A Regulations Governing Speed Limits (Excerpts from the California Vehicle Code)
- B Speed Zoning Regulations from the Caltrans California Manual on UniformTraffic Control Devices and Definitions of Terms
- C Engineering and Traffic Survey Summary Sheets
- D Speed Survey Data Sheets
- E Radar/Lidar Gun and Operator(s) Certifications

ANTIOCH



The purpose of this report is to document the results of an engineering and traffic survey conducted to update and to establish the speed limits for thirty-five (35) street segments in the City of Antioch. The study was conducted to comply with existing State regulations concerning the increasing or decreasing of speed limits within City boundaries.

Posted speed limits are established to inform drivers of the safe speed limit and to protect the general publicfrom reckless and unpredictable behavior of irresponsible drivers. Research has shown that most drivers travel at speeds that are safe and reasonable, therefore, speed limits are established primarily on the consensus of the majority of those who use the roads. Speed limits are not based on the actions of few. The California Vehicle Code requires the limits to be established on the basis of an engineering and traffic survey rather than by arbitrary methods.

Posted speed limits also provide law enforcement with a clearly understood method of identifying and apprehending violators of the Basic Speed Law (CVC Section 22350), which states. No person shall drive a vehicle on a highway at a speed greater than is reasonable or prudent having due regard for weather, visibility, the traffic on, and the surface and width of the highway, and in no event at a speed which endangers the safety of persons or property. The posted speed limit gives drivers a clear warning of the maximum speed that is reasonable and prudent under typical driving conditions.

It is generally accepted that speed limits cannot be successfully enforced without voluntary compliance by a majority of drivers. Consequently, only the driver whose behavior is clearly out of line with the normal flow of traffic is usually targeted for enforcement.

This report contains sufficient information to document that the conditions of the latest edition of the California Vehicle Code (CVC) Section 627 have been satisfied and that other conditions not readily apparent to a motorist are properly identified. To legally use radar for speed enforcement, Section 40802(b) of the CVC requires that limits be established per Sections 22357 and 22358 of the CVC, the limits must be justified by an Engineering and Traffic Survey conducted within five years prior to the date of the alleged violation. Section 40802(c) of the CVC allows cities to extend the survey period up to seven or fourteen years depending on specific criteria. Details of these CVC criteria are provided in Appendix A. CVC Section 627 also requires that the Engineering and Traffic Survey be conducted in accordance with the latest edition of the California Manual on Uniform Traffic Control Devices (CA MUTCD). Details of these CA MUTCD criteria are provided in Appendix B.

In 2015, the City Council approved the establishment and update of speed limits on various street segments in Antioch, based on an Engineering and Traffic Survey. In order to ensure speed limits are appropriate and enforceable, thirty-five (35) of the street segments were identified as requiring a resurvey. Accordingly, this Engineering and Traffic Survey has been prepared to update the speed limits for the following street segments:

- 1. W. 2<sup>nd</sup> Street between L Street and G Street
- 2. W. 4th Street between L Street and C Street
- 3. W. 6th Street between L Street and A Street
- 4. W. 10th Street between Auto Center Drive and L Street
- 5. E 18th Street between A Street and Hillcrest Avenue
- 6. E 18th Street between Hillcrest Avenue and East City Limits
- 7. Auto Center Drive between 4th Street and 10th Street
- 8. Auto Center Drive between SPRR and SR-4
- 9. Buchanan Road between City Limits and Somersville Road
- 10. Buchanan Road between Somersville Road and Lucena Way
- 11. Buchanan Road between Lucena Way and Contra Loma Boulevard
- 12. Cavallo Road between E. Tregallas Road and 18th Street
- 13. Cavallo Road between 18th Street and Wilbur Avenue
- 14. Dallas Ranch Road between Lone Tree Way and Mokelomne Drive
- 15. Deer Valley Road between Hillcrest Avenue and Lone Tree Way
- 16. Deer Valley Road between Lone Tree Way and Sand Creek Road
- 17. Delta Fair Boulevard between West City Limit and Belle Drive
- 18. Delta Fair Boulevard between Kendree Street and Somersville Road
- 19. Delta Fair Boulevard between Somersville Road and Buchanan Road
- 20. Garrow Drive between E. Tregallas Road and Davison Drive
- 21. Hillcrest Avenue between 18th Street and Sunset Drive
- 22. Hillcrest Avenue between Sunset Drive and Davison Drive
- 23. Hillcrest Avenue between Davison Drive and Lone Tree Way
- 24. James Donlon Boulevard between Somersville Road and Contra Loma Boulevard
- 25. James Donlon Boulevard between Contra Loma Boulevard and Lone Tree Way
- 26. Lone Tree Way between SR-4 and Putnam Street
- 27. Lone Tree Way between Putnam Street and James Donlon Boulevard
- 28. Lone Tree Way between James Donlon Boulevard and Deer Valley Road
- 29. Lone Tree Way between Deer Valley Road and East City Limits
- 30. Pittsburg-Antioch (W. 10th Street) between West City Limits and Auto Center Drive
- 31. Somersville Road between SR-4 and Buchanan Road
- 32. Wilbur Avenue between Cavallo Road and 1600 ft east of Minaker Drive
- 33. Wilbur Avenue between 1600 ft east of Minaker Drive and East City Limits





34. Wild Horse Road between Hillcrest Avenue and Wild Horse Road Easterly Terminus

35. Worrell Road between Lone Tree Way and Garrow Drive

Spot speed surveys were taken at thirty-five (35) locations on the City's network, in conformance with the State law for conducting engineering and traffic surveys, for the purpose of establishing/updating prima facie speed limits. The data was collected in accordance with the latest edition of the CA MUTCD 2014 (rev 6). Sections of the CA MUTCD that contain the regulations for conducting the required "Engineering and Traffic Survey" are presented in Appendix B. Also in Appendix B are definitions of terms used in speed zone surveys. As previously noted, excerpts from the CVC regarding regulations governing speed limits are presented in Appendix A. It should be noted that the excerpts reflect changes and additions to the CVC due to Assembly Bill 43, which took effect on January 1, 2022. The results of the analysis are summarized for each roadway segment in Appendix C. The speed zone radar surveys in Appendix D were conducted by National Data & Surveying Services (NDS). Certifications for their staff and equipment are provided in Appendix E.

Based on the data and results obtained in this Engineering and Traffic Survey, recommendations have been made to either maintain, increase, or decrease the existing speed limits for the selected thirty-five (35) roadway segments within the City of Antioch. The recommended speed limits are summarized in Table 1 and illustrated on Figure 1.



The basic fundamentals for establishing speed limits recognize that the majority of drivers behave in a safe and reasonable manner, and, therefore, the normally careful and competent actions of a reasonable driver should be considered legal. Speed limits established on the fundamentals conform to the consensus that those who drive the highway determine what speed is reasonable and safe, not on the judgement of one or a few individuals. A radar spot speed survey is usually used to record the prevailing speed of reasonable drivers.

Speed zones are established to inform drivers of the safe speed limit and to protect the general public from unreasonable and reckless drivers. Research has shown that most drivers travel at speeds that are safe and reasonable, therefore, speed limits are established primarily on the consensus of the majority of those who use the roads. Speed limits are not based on the actions of few. The California Vehicle Code requires the limits to be established on the basis of an engineering and traffic surveyrather than by arbitrary methods.

Speed limits are also established to advise drivers of conditions which may not be readily apparent to a reasonable driver. For this reason, collision history, roadway conditions, traffic characteristics and land use must also be analyzed before determining speed limits.

The engineering and traffic survey involved the three major elements of data collection and analysis, as required by California Vehicle Code (CVC) Section 627 and as outlined in the California *Manual on Uniform Traffic Control Devices* (CA MUTCD), 2014 Edition, rev 6. The three elements of an Engineering and Traffic Survey, as described in the CVC, are:

- 1. Prevailing speed as determined by a spot speed survey
- 2. Collision records
- 3. Highway, traffic, and roadside conditions not readily apparent to the driver

<u>Spot Speed Survey</u>. Spot speed surveys, performed by a certified radar technician utilizing a calibrated radar gun, were conducted for thirty-five (35) roadway segments to determine existing vehicular travel speeds. A minimum of 100 observations were recorded, 50 for each direction of travel, on all the surveyed street segments. This data was used to calculate statistical information such as the 85th percentile speed, 10 mile per hour pace speed, percent of vehicles within the 10 mile per hour pace, median speed and other pertinent data for analysis. The 85th percentile speed is the speed at or below which 85 percent of the traffic is traveling. This threshold represents what is historically found to be a safe and reasonable speed for most drivers based on the roadway conditions that are present.

<u>Collision Rate</u>. Mid-block traffic collision data for the thirty-five (35) roadway segments was tabulated from the City's and County's collision records as reported to the Statewide



Integrated Traffic Records System (SWITRS) for the period from January 1, 2018 through December 31, 2020 (three years). The collision rate was calculated and considered in recommending the speed limit.

<u>Field Review</u>. The streets were field reviewed to determine/confirm the existing roadway characteristics, condition and placement of signs and markings, adjacent land uses, pedestrian and bicycle activity, and to identify roadway characteristics that are not readily apparent to vehicle drivers.

<u>Analysis</u>. The three elements described above were used to determine the recommended speed limit. The analysis began with the 85th percentile speed from the spot speed survey and was modified, as appropriate, by the collision rate and existing conditions not readily apparent to the driver.

The speed limit is initially established at the nearest 5 mph increment to the 85th percentile speed. It can then be reduced by 5 mph if it meets one of the following two options:

- Option 1. CVC Sections 627 and 22358.5 allow the speed limit to be reduced by 5 mph from the nearest 5 mph increment of the 85<sup>th</sup> percentile speed under certain circumstances.
- Option 2. For cases where the nearest 5 mph increment would require rounding up, CVC Section 21400(b) allows the speed limit to be rounded down to the nearest 5 mph increment below the 85th percentile speed, however, no further reduction is allowed.

The following examples explain the use of these speed limit criteria:

- A. Using Option 1, when the 85th percentile speed is rounded down (i.e. the 85th percentile speed is 37 mph, so the speed limit would be established at 35 mph), the speed limit could be reduced another 5 mph, to 30 mph, if the special conditions are met and justification for using the lower speed limit are documented in the engineering and traffic survey.
- B. Using Option 1, when the 85th percentile speed is rounded up (i.e. the 85th percentile speed is 38 mph, so the speed limit would be established at 40 mph), the speed limit could be reduced by 5 mph, to 35 mph, if the special conditions are met and justification for using the lower speed limit are documented in the engineering and traffic survey.
- C. Using Option 2, when the 85th percentile speed is rounded up (i.e. the 85th percentile speed is 38 mph and would normally be rounded up to 40 mph), instead of rounding up, the speed limit can be reduced by 5 mph (established at 35 mph), but no further reduction can be applied.

In accordance with the State-imposed speed limit establishment regulation, the Engineering and Traffic Survey, as defined in CVC Section 627 and described in detail in the California MUTCD 2014, Section 2B.13 (see Appendices A and B, respectively), there are several factors that may

be considered to justify setting the prima facie speed limit five mph below the rounded 85th percentile speed under Option 1.

The factors that may be considered are highway, traffic, and roadside conditions, specifically including those listed below, however, factors that are readily apparent to motorists are not to be considered.

- Most recent collision record (mid-block)
- Roadway characteristics
- Shoulder condition
- Grade
- Alignment
- Sight Distance
- Roadside development and environment
- Parking practices and pedestrian activity
- Commercial driveway characteristics (land use)
- Pedestrian traffic with and without sidewalks
- · Pedestrian and Bicycle safety
- Residential density

The above factors for each roadway segment surveyed are listed in the Engineering and Traffic Survey Summary sheets in Appendix C.

In addition to the *California Manual on Uniform Traffic Control Devices*, Caltrans publishes the *California Manual for Setting Speed Limits*. For divided highways with the same alignment in both directions, the *California Manual for Setting Speed Limits* notes that the speed limit for both directions may be set based on the greater 85th percentile speed of the two directions (a divided highway has a barrier that separates the two directions of traffic, such as a raised or painted median). This is the City's preferred methodology and is the basis of the recommended speed limits for the divided roadways. Of the 35 analyzed segments, 22 are predominantly divided. In Table 1, the 85th percentile speeds shown for the divided roadways are the greater of the two directions, and the divided roadways are indicated with an asterisk next to the segment number. The 85th percentile speeds for both directions are provided in the Engineering and Traffic Survey Summary sheets in Appendix C.

The 85th percentile speed and the factors noted above were considered in verifying existing speed limits and recommending speed limit changes (increase or decrease). Additionally, discussions were held with City staff in making decisions with respect to changing existing speed limits. This allowed for consideration of any special knowledge of the segment. Table 1 shows the surveyed road segments with posted and recommended speed limits. The 2018-2020 Collision Survey Analysis in Table 2 lists each segment's daily traffic volumes, total number of collisions and calculated collision rate.

<u>Speed Limit Signing</u>. All California motorists are required to know the basic 15, 25, and 55 MPH speed laws and are tested on the subject when applying for a driver's license. Consequently,

speed limit signs covering these conditions need not be posted on City streets. However, although not required by law, speed limit signs for these situations may be posted on streets that have significant daily vehicular traffic volumes, a by-pass traffic situation, the continued violation of a residential 25 MPH speed zone, or with other applicable warrants.

It is a common policy to recommend the posting of speed limit signs only on streets that have been covered bythe City speed limit ordinance or by the warranted situations covered above.

Speed limit signs should be installed at about one-half mile intervals on the City streets which have been speed zoned. Signs are normally installed on the exit side of traffic signal controlled intersections and the more important intersections where there is high side street vehicle entry. It is important that motorists be given adequate information while not over signing, which tends to confuse the motorist.

Enforcement issues can occur when, (a) the highway is posted with inappropriate speed limit signs, (b) the highway is improperly or inadequately posted; or, (c) the highway is not posted nor covered by ordinance and therefore falls under the basic speed law. In any of these events, the result is a debatable validity that may be questioned in court cases where citations are issued and contested.







#### 3.1 Spot Speed Radar Survey

Spot speed radar surveys were conducted at each street segment to establish a reasonable and effective speed limit based on the premise that the speed limit thus established conforms to the actual behavior of the majority of motorists. The speed limit should normally be established at the five mile per hourincrement nearest the 85th percentile speed, as recorded for the surveyed segment. However, engineering judgment and other factors such as collision rates (Section 3.2) and Roadway Segment Field Review (Section 3.3) may indicate the need for further reduction in establishing reasonable and effective speed limits. Table 1 shows the existing speed limit and the 85th percentile speed for each studied segment.

The criteria used to conduct the radar survey are listed in Appendices A and B.

Appendix D contains the Speed Survey Data sheets for each of the thirty-five (35) segments surveyed. The data collected and information calculated for the radar speed survey are as follows:

- > Date and time of speed survey
- > Posted speed limit
- Weather conditions
- Number of vehicles observed
- Speed of each surveyed vehicle
- > 50th percentile speed
- > 85th percentile speed
- > 10 mph pace speed
- > Number of vehicles in pace
- Percent in pace speed
- Percent and number below pace speed
- > Percent and number above pace speed

The summary contains information about vehicular speed data observed, collision data. street classification, and any unusual conditions at the location.

**Table 1: Segment Spot Speed Summary** 

No	Street	Between	Roadway Classification	Lanes <sup>1</sup>	Existing Speed Limit (mph)	85th%ile Speed (mph) <sup>2</sup>	Recommended Speed Limit (mph) <sup>2</sup>	Comments <sup>3</sup>
1	W. 2nd St.	L St. & G St.	Collector	2U	25	31	25	No Change - 85th%ile, Option
2	W. 4th St.	L St. & C. St.	Collector	2U	25	29	25	No Change - 85th%ile, Option :
3	W. 6th St.	L St. & A St.	Local	2U	25	32	25	No Change - 85th%ile, Option
4*	W. 10th St.*	Auto Center Dr. & L St.	Arterial	4D	35	42	35	No Change - 85th%ile, Option
5	E. 18th St.	A St. & Hillcrest Ave.	Arterial	4U	30	42	35	Increase - 85th%ile, Option 1
6		Hillcrest Ave. & East City Limits	Arterial	4D/4U	45	50	45	No Change - 85th%ile, Option
7*	Auto Center Dr.	4th St. & 10th St.	Arterial	4D	35	42	35	No Change - 85th%ile, Option
8*		SPRR & SR-4	Arterial	5D/6D	35	42	35	No Change - 85th%ile, Option
9	Buchanan Rd.	City Limits & Somersville Rd	Arterial	2U/2D/ 4D	45	49	45	No Change - 85th%ile, Option
0*		Somersville Rd. & Lucena Wy.	Arterial	4D	35	40	35	No Change - 85th%ile, Option
1*		Lucena Wy. & Contra Loma Blvd.	Arterial	4D	35	41	35	No Change - 85th%ile, Option
12	Cavallo Rd.	E. Tregallas Rd. & 18th St.	Collector	2U	25	37	30	Increase - 85th%ile, Option 1
13		18th St. & Wilbur Ave.	Collector	2U	35	41	35	No Change - 85th%ile, Option
4*	Dallas Ranch Rd.	Lone Tree Wy. & Mokelomne Dr.	Arterial	4D	45	48	45	No Change - 85th%ile, Option
5*	Deer Valley Rd.	Hillcrest Ave. & Lone Tree Wy	Arterial	4D	45	52	45	No Change - 85th%ile, Option
6*		Lone Tree Wy. & Mammoth Dr.	Arterial	4D	45	51	45	No Change - 85th%ile, Option
7*	Delta Fair Blvd.	City Limits & Belle Dr.	Arterial	4D	35	41	35	No Change - 85th%ile, Option
8*		Kendree St. & Somersville Rd.	Arterial	4D	30	36	30	No Change - 85th%ile, Option
9		Somersville Rd. & Buchanan Rd.	Arterial	4U	30	37	30	No Change - 85th%ile, Option
20	Garrow Dr.	E. Tregallas Rd & Davison Dr.	Collector	2U	25	25	25	No Change - 85th%ile
1*	Hillcrest Ave.	18th St. & Sunset Dr.	Arterial	4D	40	45	40	No Change - 85th%ile, Option
2*		Sunset Dr. & Davison Dr.	Arterial	6D	45	46	40	Decrease - 85th%ile, Option 1
3*		Davison Dr. & Lone Tree Wy.	Arterial	4D	45	46	40	Decrease - 85th%ile, Option 1
4*	James Donlon Blvd.	Somersville Rd. & Contra Loma Blvd.	Arterial	4D	40	52	45	Increase - 85th%ile, Option 1
5*		Contra Loma Blvd. & Lone Tree Wy.	Arterial	4D	40	47	40	No Change - 85th%ile, Option

De Divided Roadway, U = Undivided Roadway

For divided roadways, the greater 85th percentile speed for the two directions, which is shown here, was used to determine the speed limit. See Engineering and Traffic Survey Summary Sheets in Appendix C for both 85th percentile speeds. Study roadways that are predominantly divided, are marked with an asterisk next to the segment number.

See Appendix B, 12a, for explanation of Option 1 and Option 2

### Table 1: Segment Spot Speed Summary (Continued)

No	Street	Between	Roadway Classification	Lanes <sup>1</sup>	Existing Speed Limit (mph)	85th%ile Speed (mph)²	Recommended Speed Limit (mph) <sup>2</sup>	Comments <sup>3</sup>
26*	Lone Tree Wy.	SR-4 & Putnam St.	Arterial	4D	35	40	35	No Change - 85th%ile, Option 2
27*	•	Putnam St. & James Donlon Blvd.	Arterial	4D/5D	35	45	40	Increase - 85th%ile, Option 1
28*		James Donlon Blvd. & Deer Valley Rd.	Arterial	6D	45	51	45	No Change - 85th%ile, Option 1
29*		Deer Valley Rd. & East City Limits	Arterial	6D	45	51	45	No Change - 85th%ile, Option 1
30	Pittsburg-Antioch (W. 10th St)	West City Limits & Auto Center Dr.	Arterial	2U	50	53	50	No Change - 85th%ile, Option 2
31*	Somersville Rd.	SR-4 & Buchanan Rd.	Arterial	5D/4D	35	37	35	No Change - 85th%ile
32*	Wilbur Ave.	Cavallo Rd. & 1600 ft. east of Minaker Dr.	Arterial	4D	40	47	40	No Change - 85th%ile, Option 1
33	(30)	1600 ft, east of Minaker Dr. & East City Limits	Arterial	2U/2D	45	52	45	No Change - 85th%ile, Option 1
34*	Wild Horse Rd.	Hillcrest Ave. & Wild Horse Rd Easterly Terminus	Collector	4D/2D	45	49	45	No Change - 85th%ile, Option 2
35	Worrell Rd.	Lone Tree Wy. & Garrow Dr.	Collector	2U	25	31	25	No Change - 85th%ile, Option 1

D = Divided Roadway, U = Undivided Roadway

For divided roadways, the greater 55th percentile speed for the two directions, which is shown here, was used to determine the speed limit. See Engineering and Traffic Survey Summary Sheets in Appendix C for both 85th percentile speeds. Study roadways that are predominantly divided, are marked with an asteriak next to the segment number.

See Appendix B, 12e, for explanation of Option 1 and Option 2.

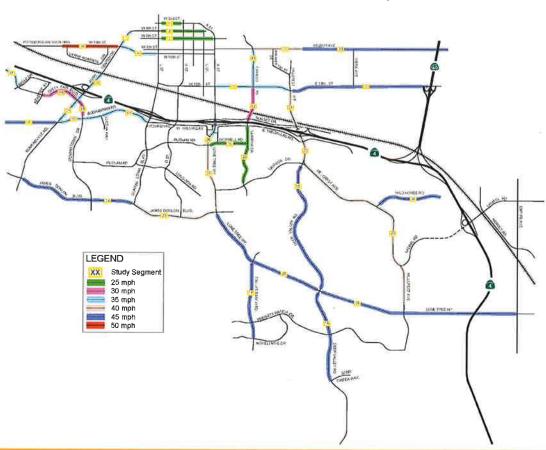


Figure 1: Recommended Speed Limits Map

INTERWEST CONSULTING GROUP

Page | 11

#### 3.2 Collision Rate Analysis

A greater-than-expected collision rate is one of the special conditions under Option 1, allowing the speed limit to be established 5 mph lower than the rounded speed limit. The collision rate is based onmid-block collisions only. It is determined using the equation shown below and is then compared to the statewide average collision rate for similar roadways, found in *Collision Data on California StateHighways (roads miles, travel, collisions)* published by Caltrans every two years. The latest edition, 2018, was used for this 2021 analysis.

The mid-block collision rate for each roadway segment was determined by using the most recent collision records as required by CVC Section 627. Traffic collision data for the roadway segments was collected from the Statewide Integrated Traffic Records System (SWITRS) collision records forthe City of Antioch from January 1, 2018 to December 31, 2020. Based on this data, the mid-blockcollision rates were calculated for each roadway segment in terms of "collisions per 1,000,000 vehiclemiles of travel."

It was then determined if any of the collision rates warranted an additional 5 mph reduction in the rounded 85th percentile speed per Option 1. The collision rates were compared to the statewide average collision rates for similar roadways. All of the calculated roadway segment collision rates were less than the statewide average, indicating no segments qualified for the additional 5 mph reduction.

The collision rates are calculated using the following equation:

Collision Rate =

Number of Midblock collisions x 10<sup>6</sup>

24-hour volume x 365 x segment length x number of years

Where:

Number of mid-block collisions based on 3 years (January 1, 2018 to December 31, 2020), 24-hour traffic volume (both directions) in the survey segment and segment length in miles. Rates are shown in Collisions per Million Vehicle Miles (per year) or Col/MVM.

The results of the collision rate calculations are shown in Table 2 and in the Engineering and Traffic Survey Summary sheets (Appendix C). A sample collision rate calculation is shown below.

#### Example:

Collision rate on:

A Street between 18th Street and SR-4:

Collision Rate

 $1 \times 10^{6}$ 

19.111 x 365 x 1.00 x 3

0.10 collisions per million vehicle miles (Col/MVM)



The comparison collision rates vary from year to year. The 2018 Statewide average rates, which are the most recent rates available, were used for the thirty-five (35) segments studied in the 2021 analysis, and are as follows:

**Table 2: Segment Statewide Average Collision Rates** 

No	Street	Between	Statewide Average Collision Rate
1	W. 2nd St.	L St. & G St.	1.60
2	W. 4th St.	L St. & C. St.	1.60
3	W. 6th St.	L St. & A St.	1.60
4	W. 10th St.	Auto Center Dr. & L St.	0.91
5	E. 18th St.	A St. & Hillcrest Ave.	0.93
6		Hillcrest Ave. & East City Limits	0.93
7 8	Auto Center Dr.	4th St. & 10th St. SPRR & SR-4	0.91 0.91
9	Buchanan Rd.	City Limits & Somersville Rd.	0.62
10		Somersville Rd. & Lucena Wy.	0.91
11		Lucena Wy. & Contra Loma Blvd.	0.91
12	Cavallo Rd.	E. Tregallas Rd. & 18th St.	1.60
13		18th St. & Wilbur Ave.	1.60
14	Dallas Ranch Rd.	Lone Tree Wy. & Mokelomne Dr.	0.91
15	Deer Valley Rd.	Hillcrest Ave. & Lone Tree Wy.	0.91
16		Lone Tree Wy. & Sand Creek Rd	0.91
17	Delta Fair Blvd.	City Limits & Belle Dr.	0.93
18		Kendree St. & Somersville Rd.	0.93
19		Somersville Rd. & Buchanan Rd.	0.93
20	Garrow Dr.	E. Tregallas Rd & Davison Dr.	1.60
21	Hillcrest Ave.	18th St. & Sunset Dr.	0.91
22		Sunset Dr. & Davison Dr.	0.91
23		Davison Dr. & Lone Tree Wy.	0.91
24	James Donlon Blvd.	Somersville Rd. & Contra Loma Blvd.	0.91
25		Contra Loma Blvd. & Lone Tree Wy.	0.91
26	Lone Tree Wy.	SR-4 & Putnam St.	0.91
27		Putnam St. & James Donlon Blvd.	0.91
28		James Donlon Blvd. & Deer Valley Rd.	0.98
29		Deer Valley Rd. & East City Limits	0.98
30	Pittsburg-Antioch (W. 10th St)	West City Limits & Auto Center Dr.	1.60
31	Somersville Rd.	SR-4 & Buchanan Rd.	0.91

2022 E&TS

**Table 2: Segment Statewide Average Collision Rates** (Continued)

No	Street	Between	Statewide Average Collision Rate	
32	Wilbur Ave. Cavallo Rd. & 1600 ft. east of Minaker Dr.		0.91	
33		1600 ft. east of Minaker Dr. & East City Limits	1.32	
34	Wild Horse Rd.	Hillcrest Ave. & Wild Horse Rd Easterly Terminus	0.91	
35	Worrell Rd.	Lone Tree Wy. & Garrow Dr.	1.60	

Table 3, below, summarizes the collision rate analysis, and includes the factors used to calculate the collision rate for each segment. It also determinations if each segment's collision rate is greater than the statewide average rate for similar roadways, which would allow the collision rate to be used as a factor in reducing the speed limit by 5 mph based on Option 1.

**Table 3: Collision Analysis** 

No	Street	Between	Segment Length (mile)	Segment Length (feet)	Average Daily Traffic (ADT) (vehs/day)	Midblock Collisions <sup>1</sup> (3 yr total)	Collision Rate (Col/MVM) <sup>2</sup>	Statewide Collision Rate	Segment Rate More Than Statewide Rate?
1	W. 2nd St.	L St, & G St.	0,32	1,690	7,468	0	0,00	1,60	No
2	W. 4th St.	L St. & C. St.	0,60	3,170	1,599	0	0.00	1,60	No
3	W. 6th St.	L St. & A St.	0.74	3,910	1,453	0	0.00	1.60	No
4	W. 10th St.	Auto Center Dr. & L St.	0.54	2,855	11,680	0	0.00	0.91	No
5	E. 18th St.	A St. & Hillcrest Ave.	0.50	2,640	12,539	0	0.00	0.93	No
6		Hillcrest Ave. & East City Limits	1.93	10.190	9,462	0	0.00	0.93	No
7	Auto Center Dr.	4th St. & 10th St.	0.44	2,325	3,752	0	0.00	0.91	No
8	· ·	SPRR & SR-4	0.33	1,745	20,864	0	0.00	0.91	No
9	Buchanan Rd	City Limits & Lucena Wy.	0.64	3,380	16,899	Ō	0.00	0.62	No
10	=	Lucena Wy. & Gentrytown Dr.	0.34	1.795	7.895	0	0.00	0.91	No
11		Gentrytown Dr. & Contra Loma Blvd.	0.93	4,910	10.338	0	0.00	0.91	No
12	Cavallo Rd	E. Tregallas Rd. & 18th St.	0.51	2,695	3,818	0	0.00	1.60	No
13		18th St. & Wilbur Ave.	0.51	2.695	4,134	0	0.00	1.60	No
14	Dallas Ranch Rd.	Lone Tree Wy. & Mokelomne Dr.	1.03	5.440	6.038	0	0.00	0.91	No
15	Deer Valley Rd	Hillcrest Ave. & Lone Tree Wy.	1.85	9,770	11.563		0.04	0.91	No
16	1	Lone Tree Wy. & Sand Creek Rd.	0.81	4.280	13,030	Ö	0.00	0.91	No
17	Delta Fair Blvd.	City Limits & Belle Dr	0.27	1,430	10,429	0	0.00	0.93	No
18	[]	Kendree St. & Somersville Rd.	0.54	2,855	11.885	1	0.14	0.93	No
19	1	Somersville Rd. & Buchanan Rd.	0.28	1,480	12,839	0	0.00	0.93	No
_	Garrow Dr.	E. Tregallas Rd & Davison Dr.	0.85	4,490	2,333	0	0.00	1.60	No
	Hillcrest Ave.	18th St. & Sunset Dr.	0.46	2,430	15,038	0	0.00	0.91	No
22		Sunset Dr. & Davison Dr.	0.55	2,905	36,441	1	0.05	0.91	No
23	1	Davison Dr. & Lone Tree Wy.	1.85	9,770	11,626	1	0.04	0.91	No
	James Donlon Blvd	Somersville Rd. & Contra Loma Blvd.	1.56	8.240	9,541	Ö	0.00	0.91	No
25		Contra Loma Blvd, & Lone Tree Wy.	1.56	8.240	13.834	0	0.00	0.91	No
26	Lone Tree Wv.	SR-4 & Pulnam St	0.33	1,745	28,215	0	0.00	0.91	No
27		Putnam St. & James Donlon Blvd.	0.91	4,805	27,014	0	0.00	0.91	No
28		James Donlon Blvd. & Deer Valley Rd.	1.80	9,505	32,115	0	0.00	0.98	No
29		Deer Valley Rd. & East City Limits	2.56	13,520	22,602	1	0.02	0.98	No
	Pittsburg-Antioch (W. 10th St)	West City Limits & Auto Center Dr.	0.74	3,910	9,884	Ö	0.00	1,60	No
31	Somersville Rd.	SR-4 & Buchanan Rd	0.54	2,855	12.365	0	0.00	0.91	No

Number of speed-related mid-block traffic collisions during most recently available 3-year period

2 Col/MVM = Collisions (Accidents) per Million Vehicle Miles per year; An actual rate greater than state average rate indicates condition that may allow a lower speed limit.

# Table 3: Collision Analysis (Continued)

No	Street	Between	Segment Length (mile)	Segment Length (feet)	Average Daily Traffic (ADT) (vehs/day)	Midblock Collisions <sup>1</sup> (3 yr total)	CollisionRate( Col/MVM) <sup>2</sup>	Statewide Collision Rate	Segment Rate More Than Statewide Rate?
32	Wilbur Ave.	Cavallo Rd. & 1600 ft. east of Minaker Dr.	0.59	3,115	6,782	0	0.00	0.91	No
33		1600 ft. east of Minaker Dr. & East City Limits	0.74	3,910	5,248	0	0.00	1.32	No
34	Wild Horse Rd.	Hillcrest Ave. & Wild Horse Rd Easterly Terminus	0.88	4,645	3,375	0	0.00	0.91	No
35	Worrell Rd	Lone Tree Wy. & Garrow Dr.	0.53	2,800	1,506	0	0.00	1.60	No

Number of speed-related mid-block traffic collisions during most recontly available 3-year period

\*\*Coll/MVM = Collisions (Accidents) per Million Vehicle Miles per year, An actual rate greater than state average rate indicates condition that may allow a lower speed limit



#### 3.3 Roadway Segment Field Review

Section 2B.13 of the CA MUTCD 2014, "Speed Limit Signs" states that the speed limit should be established at the nearest five mile per hour increment to the 85th percentile speed recorded duringthe spot speed survey. However, in matching existing conditions with the traffic safety needs of the community, engineering judgment may indicate the need for a further reduction in speed, as allowed under Option 1. Whenever such factors are considered to establish the speed limit, they should be documented on the speed survey or in the accompanying engineering report.

Each roadway segment was driven and video-recorded while "embedded" in prevailing traffic and assessed by a registered Civil Engineer in the State of California. The roadway characteristics, location of speed limit signs, conditions not readily apparent to the driver (lack of sidewalks/bike lanes, driveways with limited sight distance, clustered driveways, heavy truck activity, etc.), type of land use adjoining the street (commercial, residential, school zone, parks, etc.) and type of roadway (divided, undivided, number of lanes, onstreet parking etc.) were recorded as part of the study. The roadway characteristics recorded were used to determine if any physical conditions warranted consideration of an additional five mile per hour reduction of the recommended speed in accordance with CVC Section 627.

The results of the roadway segment field review for each segment are indicated on the Engineering and Traffic Survey Summary sheets in Appendix C.

- Average Daily Traffic Volume
- Collision History
- Collision Rate
- Road Description, including on-street parking and unusual lane configurations
- Lack of Sidewalks and Bike Lanes
- Pedestrian, Bicycle and Truck activity
- Driveways with limited sight distance or clustered driveways
- Nearby schools and parks
- Adjacent land uses





- 1. The radar survey and the raw data collection were conducted per CVC Section 627 and California Manual on Uniform Traffic Control Devices, 2014, rev 6, Section 2B.13.
- 2. Daily traffic counts for the thirty-five (35)selected roadway segments on the City's arterial roadway network were collected in 2021 on April 6 (15 segments), April 8 (18 segments), April 20 (13 segments) and April 22 (22 segments). Radar speed surveys were taken in 2021 on April 6 (15 segments), April 7 (20 segments), April 8 (18 segments) and April 9 (15 segments).
- 3. Bicycle and Pedestrian mid-block collision frequency was low.
- 4. A summary of recommended speed limits is provided in Table 1 and illustrated on Figure 1.
- 5. Based on the Engineering and Traffic Survey, it is recommended that the existing speed limits on the thirty-five (35) studied roadway segments in the City of Antioch should remain unchanged except for the six (6) roadway segments listed below.

Table 4: Roadway Segments with Recommended Changes to Speed Limit

No.	Street	Between	Existing Speed Limit (mph)	Recommended Speed Limit (mph)	Comments
5	E. 18th Street	A Street and Hillcrest Ave.	30 MPH	35 MPH	Increase Speed Limit  – 85th percentile, Option 1
12	Cavallo Road	E. Tregallas Road and 18th Street	25 MPH	30 MPH	Increase Speed Limit - 85th percentile, Option 1
22		Sunset Drive and Davison Drive	45 MPH	40 MPH	Decrease Speed Limit - 85th percentile, Option 1
23	Hillcrest Avenue	Davison Drive and Lone Tree Way	45 MPH	40 MPH	Decrease Speed Limit - 85th percentile, Option 1



### **Table 4: Roadway Segments with Recommended Changes to Speed Limit** (Continued)

No.	Street	Between	Existing Speed Limit (mph)	Recommended Speed Limit (mph)	Comments
24	100	Somersville Road and Contra Loma Boulevard	40 MPH	45 MPH	Increase Speed Limit – 85th percentile, Option 1
27		Putnam Street and James Donlon Boulevard	35 MPH	40 MPH	Increase Speed Limit – 85th percentile, Option 1

## APPENDIX A

Regulations Governing Speed Limits
(Excerpts from the California Vehicle Code)
(Updated January 2022)

#### REGULATIONS GOVERNING SPEED LIMITS

Under California law, the maximum speed limit for any passenger vehicle is 65 miles per hour (mph). All other speed limits are called prima facie limits which "on the face of it", are safe and prudent under normal conditions. Certain prima facie limits are established by law and include the 25 mph limit in business and residential districts; the 15 mph limit in alleys, at blind intersections and blind railroad grade crossings; and a part-time 25 mph limit in school zones when children are going to and from school.

Intermediate speed limits between 25 and 65 mph may be established by local authorities based on engineering and traffic surveys. Such surveys include the analysis of roadway conditions, collision records, and the prevailing speed of prudent drivers using the highway under study. If speed limits are established below what the majority of drivers consider reasonable, they are often not obeyed and consequently, are difficult to enforce. Those drivers who do not comply with posted reasonable speed limits are, conversely, subject to equitable enforcement action.

The California Vehicle Code provides that the use of radar to enforce speed limits, which have not been based on an engineering and traffic survey within the preceding five years, constitutes a "speed trap". Since speed traps are also prohibited by the code, lack of the required study effectively prohibits local agencies from using radar enforcement.

#### APPLICABLE CALIFORNIA VEHICLE CODE SECTIONS

Provided below are the sections of the California Vehicle Code that are applicable to engineering and traffic surveys. The California Vehicle Code was recently modified by Assembly Bill 43 (AB 43), which was signed into law in 2021, with parts of it taking effect on January 1, 2022. The CVC sections noted below have been updated to reflect AB 43, with the "effective date" provided. The primary change that could affect the results of this engineering and traffic survey is the addition of Section 22358.8, which allows a local authority that finds, after completing the engineering and traffic survey, that the speed limit is still more than is reasonable and safe, to, by ordinance, retain the current speed limit or restore the immediately prior speed limit if that speed limit was established with an engineering and traffic survey and if a registered engineer has evaluated the section of roadway and determined that no additional general purpose lanes have been added to the roadway since the completion of the engineering and traffic survey establishing the prior speed limit.

#### **Increase of Local Limits**

22357. Whenever a local authority determines upon the basis of an engineering and traffic survey that a speed greater than 25 miles per hour would facilitate the orderly movement of vehicular traffic and would be reasonable and safe upon any street other than a state highway otherwise subject to a prima facie limit of 25 miles per hour, the local authority may by ordinance determine and declare a prima facie limit of 25 miles per hours, the local authority may by ordinance determine and declare a prima facie speed limit of 30, 35, 40, 45, 50, 55, 60 miles per hour or a maximum speed limit of 65 miles per hour, whichever is found most appropriate to facilitate the orderly movement of traffic and is reasonable and safe. The declared prima facie or maximum speed limit shall be effective when appropriate signs giving notice thereof are erected upon the

A-1

street and shall not thereafter be revised except upon the basis of an engineering and traffic survey. The provisions of this section shall not apply in respect to any 25-mile-per-hour prima facie limit, which is applicable when passing a school building or the grounds thereof.

#### Decrease of Local Limits

22358. Whenever a local authority determines upon the basis of an engineering and traffic survey that the limit of 65 miles per hour is more than is reasonable or safe upon any portion of any street other than a state highway where the limit of 65 miles per hour is applicable, the local authority may by ordinance determine and declare a prima facie speed limit of 60, 55, 50, 45, 40, 35, 30, 25, 20 or 15 miles per hour, whichever is found most appropriate to facilitate the orderly movement of traffic and is reasonable and safe, which declared prima facie limit shall be effective when appropriate signs giving notice thereof are erected upon the street. (Effective January 1, 2022)

#### **Downward Speed Zoning**

<u>22358.5</u>. It is the intent of the Legislature that physical conditions such as width, curvature, grade and surface conditions or any other condition readily apparent to a driver, in the absence of other factors, would not require special downward speed zoning, as the basic rule of Section 22350 is sufficient regulation as to such conditions.

22358.6. The Department of Transportation shall, in the next scheduled revision, revise and thereafter maintain the California Manual on Uniform Traffic Control Devices to require the Department of Transportation or a local authority to round speed limits to the nearest five miles per hour of the 85th percentile of the free-flowing traffic. However, in cases in which the speed limit needs to be rounded up to the nearest five miles per hour increment of the 85th-percentile speed, the Department of Transportation or a local authority may decide to instead round down the speed limit to the lower five miles per hour increment. A local authority may additionally lower the speed limit as provided in Sections 22358.7 and 22358.8. (Effective with next scheduled revision of the California Manual on Uniform Traffic Control Devices).

- <u>22358.7</u>. (a) If a local authority, after completing an engineering and traffic survey, finds that the speed limit is still more than is reasonable or safe, the local authority may, by ordinance, determine and declare a prima facie speed limit that has been reduced an additional five miles per hour for either of the following reasons (Effective June 30, 2024):
  - (1) The portion of highway has been designated as a safety corridor. A local authority shall not deem more than one-fifth of their streets as safety corridors.
  - (2) The portion of highway is adjacent to any land or facility that generates high concentrations of bicyclists or pedestrians, especially those from vulnerable groups such as children, seniors, persons with disabilities, and the unhoused.
  - (b) (1) As used in this section, "safety corridor" shall be defined by the Department of Transportation in the next revision of the California Manual on Uniform Traffic Control Devices. In making this determination, the department shall consider highways that have the highest number of serious injuries and fatalities based on collision data that may be derived from, but not limited to, the Statewide Integrated Traffic Records System.

- (2) The Department of Transportation shall, in the next revision of the California Manual on Uniform Traffic Control Devices, determine what constitutes land or facilities that generate high concentrations of bicyclists and pedestrians, as used in paragraph (2) of subdivision (a). In making this determination, the department shall consider density, road use type, and bicycle and pedestrian infrastructure present on a section of highway.
- (c) A local authority may not lower a speed limit as authorized by this section until June 30, 2024, or until the Judicial Council has developed an online tool for adjudicating infraction violations statewide as specified in Article 7 (commencing with Section 68645) of Chapter 2 of Title 8 of the Government Code, whichever is sooner.
- (d) A local authority shall issue only warning citations for violations of exceeding the speed limit by 10 miles per hour or less for the first 30 days that a lower speed limit is in effect as authorized by this section.
- <u>22358.8</u>. (a) If a local authority, after completing an engineering and traffic survey, finds that the speed limit is still more than is reasonable or safe, the local authority may, by ordinance, retain the current speed limit or restore the immediately prior speed limit if that speed limit was established with an engineering and traffic survey and if a registered engineer has evaluated the section of highway and determined that no additional general purpose lanes have been added to the roadway since completion of the traffic survey that established the prior speed limit. (Effective January 1, 2021)
  - (b) This section does not authorize a speed limit to be reduced by any more than five miles per hour from the current speed limit nor below the immediately prior speed limit.
  - (c) A local authority shall issue only warning citations for violations of exceeding the speed limit by 10 miles per hour or less for the first 30 days that a lower speed limit is in effect as authorized by this section.
- <u>22358.9</u>. (a) (1) Notwithstanding any other law, a local authority may, by ordinance, determine and declare a 25 or 20 miles per hour prima facie speed limit on a highway contiguous to a business activity district when posted with a sign that indicates a speed limit of 25 or 20 miles per hour. (Effective January 1, 2021)
  - (2) The prima facie limits established under paragraph (1) apply only to highways that meet all of the following conditions:
    - (A) A maximum of four traffic lanes.
    - (B) A maximum posted 30 miles per hour prima facie speed limit immediately prior to and after the business activity district, if establishing a 25 miles per hour speed limit.
    - (C) A maximum posted 25 miles per hour prima facie speed limit immediately prior to and after the business activity district, if establishing a 20 miles per hour speed limit.
  - (b) As used in this section, a "business activity district" is that portion of a highway and the property contiguous thereto that includes central or neighborhood downtowns, urban villages, or zoning designations that prioritize commercial land uses at the downtown or

neighborhood scale and meets at least three of the following requirements in paragraphs (1) to (4), inclusive:

- (1) No less than 50 percent of the contiguous property fronting the highway consists of retail or dining commercial uses, including outdoor dining, that open directly onto sidewalks adjacent to the highway.
- (2) Parking, including parallel, diagonal, or perpendicular spaces located alongside the highway.
- (3) Traffic control signals or stop signs regulating traffic flow on the highway, located at intervals of no more than 600 feet.
- (4) Marked crosswalks not controlled by a traffic control device.
- (c) A local authority shall not declare a prima facie speed limit under this section on a portion of a highway where the local authority has already lowered the speed limit as permitted under Sections 22358.7 and 22358.8.
- (d) A local authority shall issue only warning citations for violations of exceeding the speed limit by 10 miles per hour or less for the first 30 days that a lower speed limit is in effect as authorized by this section.

#### Speed Trap

- 40802. (a) A "speed trap" is either of the following (Effective January 1, 2022):
  - (1) A particular section of a highway measured as to distance and with boundaries marked, designated, or otherwise determined in order that the speed of a vehicle may be calculated by securing the time it takes the vehicle to travel the known distance.
  - (2) A particular section of a highway with a prima facie speed limit that is provided by this code or by local ordinance under paragraph (1) of subdivision (b) of Section 22352, or established under Section 22354, 22357, 22358, or 22358.3, if that prima facie speed limit is not justified by an engineering and traffic survey conducted within five years prior to the date of the alleged violation, and enforcement of the speed limit involves the use of radar or any other electronic device that measures the speed of moving objects. This paragraph does not apply to a local street, road, school zone, senior zone, or business activity district.
  - (b) (1) For purposes of this section, a local street or road is one that is functionally classified as "local" on the "California Road System Maps," that are approved by the Federal Highway Administration and maintained by the Department of Transportation. It may also be defined as a "local street or road" if it primarily provides access to abutting residential property and meets the following three conditions:
    - (A) Roadway width of not more than 40 feet.
    - (B) Not more than one-half of a mile of uninterrupted length. Interruptions shall include official traffic control signals as defined in Section 445.
    - (C) Not more than one traffic lane in each direction.
    - (2) For purposes of this section, "school zone" means that area approaching or passing a school building or the grounds thereof that is contiguous to a highway and on which is posted a standard "SCHOOL" warning sign, while children are going to or leaving the school either during school hours or during the noon recess period. "School zone" also includes the area

- approaching or passing any school grounds that are not separated from the highway by a fence, gate, or other physical barrier while the grounds are in use by children if that highway is posted with a standard "SCHOOL" warning sign.
- (3) For purposes of this section, "senior zone" means that area approaching or passing a senior center building or other facility primarily used by senior citizens, or the grounds thereof that is contiguous to a highway and on which is posted a standard "SENIOR" warning sign, pursuant to Section 22352.
- (4) For purposes of this section, "business activity district" means a section of highway described in subdivision (b) of Section 22358.9 in which a standard 25 miles per hour or 20 miles per hour speed limit sign has been posted pursuant to paragraph (1) of subdivision (a) of that section.
- (c) (1) When all of the following criteria are met, paragraph (2) of this subdivision shall be applicable and subdivision (a) shall not be applicable:
  - (A) When radar is used, the arresting officer has successfully completed a radar operator course of not less than 24 hours on the use of police traffic radar, and the course was approved and certified by the Commission on Peace Officer Standards and Training.
  - (B) When laser or any other electronic device is used to measure the speed of moving objects, the arresting officer has successfully completed the training required in subparagraph (A) and an additional training course of not less than two hours approved and certified by the Commission on Peace Officer Standards and Training.
  - (C) (i) The prosecution proved that the arresting officer complied with subparagraphs (A) and (B) and that an engineering and traffic survey has been conducted in accordance with subparagraph (B) of paragraph (2). The prosecution proved that, prior to the officer issuing the notice to appear, the arresting officer established that the radar, laser, or other electronic device conformed to the requirements of subparagraph (D).
    - (ii) The prosecution proved the speed of the accused was unsafe for the conditions present at the time of alleged violation unless the citation was for a violation of Section 22349, 22356, or 22406.
  - (D) The radar, laser, or other electronic device used to measure the speed of the accused meets or exceeds the minimal operational standards of the National Highway Traffic Safety Administration, and has been calibrated within the three years prior to the date of the alleged violation by an independent certified laser or radar repair and testing or calibration facility.
  - (2) A "speed trap" is either of the following:
    - (A) A particular section of a highway measured as to distance and with boundaries marked, designated, or otherwise determined in order that the speed of a vehicle may be calculated by securing the time it takes the vehicle to travel the known distance.
    - (B) (i) A particular section of a highway or state highway with a prima facie speed limit that is provided by this code or by local ordinance under paragraph (1) of subdivision (b) of Section 22352, or established under Section 22354, 22357, 22358, or 22358.3, if that prima facie speed limit is not justified by an engineering and traffic survey conducted within one of the following time periods, prior to the date of the alleged violation, and enforcement of the speed limit involves the use of radar or any other electronic device that measures the speed of moving objects:

- (I) Except as specified in subclause (II), seven years.
- (II) If an engineering and traffic survey was conducted more than seven years prior to the date of the alleged violation, and a registered engineer evaluates the section of the highway and determines that no significant changes in roadway or traffic conditions have occurred, including, but not limited to, changes in adjoining property or land use, roadway width, or traffic volume, 14 years.
- (ii) This subparagraph does not apply to a local street, road, or school zone, senior zone, or business activity district.

#### Speed Trap Evidence.

- 40803. (a) No evidence as to the speed of a vehicle upon a highway shall be admitted in any court upon the trial of any person in any prosecution under this code upon a charge involving the speed of a vehicle when the evidence is based upon or obtained from or by the maintenance or use of a speed trap.
  - (b) In any prosecution under this code of a charge involving the speed of a vehicle, where enforcement involves the use of radar or other electronic devices which measure the speed of moving objects, the prosecution shall establish, as part of its prima facie case, that the evidence or testimony presented is not based upon a speed trap as defined in subdivision (b) of Section 40802.
  - (c) When a traffic and engineering survey is required pursuant to subdivision (b) of Section 40802, evidence that a traffic and engineering survey has been conducted within five years of the date of the alleged violation or evidence that the offense was committed on a local street or road as defined in subdivision (b) of Section 40802 shall constitute a prima facie case that the evidence or testimony is not based upon a speed trap as defined in subdivision (b) 40802.

#### Engineering and Traffic Survey

- 627. (a) "Engineering and traffic survey" as used in this Code, means a survey of highway and traffic conditions in accordance with methods determined by the Department of Transportation for use by the state and local authorities.
  - (b) An engineering and traffic survey shall include, among other requirements deemed necessary by the department, consideration of all the following
    - 1) Prevailing speeds as determined by traffic engineering measurements.
    - 2) Collision records.
    - 3) Highway, traffic, and roadside conditions not readily apparent to the driver.
  - (c) When conducting an engineering and traffic survey, local authorities, in addition to the factors set forth in paragraphs (1) to (3), inclusive, of subdivision (b) may consider all of the following:
    - (1) Residential density, if any of the following conditions exist on the particular portion of highway and the property contiguous thereto, other than a business district:

- (A) Upon one side of the highway, within a distance of a quarter of a mile, the contiguous property fronting thereon is occupied by 13 or more separate dwelling houses or business structures.
- (B) Upon both sides of the highway, collectively, within a distance of a quarter of a mile, the contiguous property fronting thereon is occupied by 16 or more separate dwelling houses or business structures.
- (C) The portion of highway is longer than one-quarter of a mile but has the ratio of separate dwelling houses or business structures to the length of the highway described in either subparagraph (A) or (B).
- (2) Safety of bicyclists and pedestrians, with increased consideration for vulnerable pedestrian groups including children, seniors, persons with disabilities, users of personal assistive mobility devices, and the unhoused. (Effective January 1, 2022.

#### **Business District**

235. A "business district: is that portion of a highway and the property contiguous thereto (a) upon one side of which highway, for a distance of 600 feet, 50 percent of more of the contiguous property fronting thereon is occupied by buildings in use for business, or (b) upon both sided of which highway, collectively, for a distance of 300 feet, 50 percent or more of the contiguous property fronting thereon is so occupied. A business district may be longer than the distance specified in this section if the above ratio of buildings in use for business to the length of the highway exists.

#### Residence District

515. A "residence district" is that portion of a highway and the property contiguous thereto, other than a business district, (a) upon one side of which highway, within a distance of a quarter of a mile, the contiguous property fronting thereon is occupied by 13 or more separate dwelling houses or business structures, or (b) upon both sided of which highway, collectively, within a distance of a quarter of a mile, the contiguous property fronting thereon is occupied by 16 or more separate dwelling housed or business structures. A residence district may be longer than one quarter of a mile if the above ratio of separate dwelling houses or business structures to the length of the highway exists.

#### Business and Residence District: Determination

- <u>240</u>. In determining whether a highway is within a business or residence district, the following limitations shall apply and shall qualify the definitions Section 235 and 515:
  - a) No building shall be counted unless its entrance faces the highway and the front of the building is within 75 feet of the roadway.
  - b) Where a highway is physically divided into two or more roadways, only those buildings facing each roadway separately shall be counted for the purpose of determining whether the roadway is within a district.
  - c) All churches, apartments, hotels, multiple dwelling houses, clubs and public buildings, other than schools, shall be deemed to be business structures.

d) A highway or portion of a highway shall not be deemed to be within a district regardless of the number of buildings upon the contiguous property if there is no right of access to the highway by vehicles from the contiguous property.

#### Maximum Speed Limit

<u>22349</u>. Except as provided in Section 22356, no person shall drive a vehicle upon a highway at a speed greater than 65 miles per hour.

#### Basic Speed Law

<u>22350</u>. No person shall drive a vehicle upon a highway at a speed greater than is reasonable or prudent having due regard for weather, visibility, the traffic on, and surface and width of, the highway, and in no event at a speed which endangers the safety of persons or property.

#### Speed Law Violations

- 22351. (a) The speed of any vehicle upon a highway not in excess of the limits specified in Section 22352 or established as authorized in this code is lawful unless clearly proved to be in violation of the basic speed law.
  - (b) The speed of any vehicle upon a highway in excess of the prima facie speed limits in Section 22352 or established as authorized in this code is prima facie unlawful unless the defendant establishes by competent evidence that the speed in excess of said limits did not constitute a violation of the basic speed law at the time, place and under the conditions then existing.

#### Prima Facie Speed Limits

<u>22352</u>. The prima facie limits are as follows and the same shall be applicable unless changed as authorized in this code and, if so changed, only when signs have been erected giving notice thereof:

- (a) Fifteen miles per hour:
  - 1) When traversing a railway grade crossing, if during the last 100 feet of the approach to the crossing the driver does not have a clear and unobstructed view of the crossing and of any traffic on the railway for a distance of 400 feet in both directions along such railway. This subdivision does not apply in the case of any railway grade crossing where a human flagman is on duty or a clearly visible electrical mechanical railway crossing signal device is installed but does not then indicate theimmediate approach of a railway train or car.
  - 2) When traversing any intersection of highways if during the last 100 feet of his approach to the intersection the driver does not have a clear and unobstructed view of the intersection and of any traffic upon all of the highways entering the intersection for a distance of 100 feet along all such highways, except at an intersection protected by stop signs or yield right-of-way signs or controlled by official traffic control signals.
  - 3) On any alley.

- (b) Twenty-five miles per hour:
  - 1) On any highway other than a state highway, in any business or residence district unless a different speed is determined by local authority under procedures set forth in this code.
  - 2) When passing a school building or the grounds thereof, contiguous to a highway and posted with a standard "SCHOOL" warning sign, while children are going to or leaving the school either during school hours or during the noon recess period. Such prima facie limit shall also apply when passing any school grounds which are not separated from the highway by a fence, gate or other physical barrier while the grounds are in use by children and the highway is posted with a standard "SCHOOL" warning sign.
  - 3) When passing a senior center or facility primarily used by senior citizens, contiguous to a street other than a state highway and posted with a standard "SENIOR" warning sign.

#### **Boundary Line Streets**

<u>22359</u>. With respect to boundary line streets and highways where portions thereof are within different jurisdictions, no ordinance adopted under Sections 22357 and 22358 shall be effective as to any such portion until all authorities having jurisdiction of the portions of the street concerned have approved the same. This section shall not apply in the case of boundary line streets consisting of separate roadways within different jurisdictions.

#### Multiple-Lane Highways

<u>22361</u>. On multiple-lane highways with two or more separate roadways, different prima facie speed limits may be established for different roadways under any of the procedures specified in Sections 22354 to 22359, inclusive.

#### **Speed Trap Prohibition**

<u>40801</u>. No peace officer or other person shall use a speed trap in arresting, or participating or assisting in the arrest of, any person for any alleged violation of this code nor shall any speed trap be used in securing evidence as to the speed of any vehicle for the purpose of an arrest or prosecution under this code.

## APPENDIX B

# Speed Zoning Regulations from Caltrans California Manual on Uniform Traffic Control Devices And Definitions of Terms

(Updated January 2022)

## California Manual on Uniform Traffic Control Devices (Regarding Speed Limits)

(Updated January 2022)

#### Section 2B.13 Speed Limit Sign (R2-1)

#### Support:

00 The setting of speed limits can be controversial and requires a rational and defensible determination to maintain public confidence. Speed limits are normally set near the 85th-percentile speed that statistically represents one standard deviation above the average speed and establishes the upper limit of what is considered reasonable and prudent. As with most laws, speed limits need to depend on the voluntary compliance of the greater majority of motorists. Speed limits cannot be set arbitrarily low, as this would create violators of the majority of drivers and would not command the respect of the public.

#### Standard:

- 01 Speed zones (other than statutory speed limits) shall only be established on the basis of an engineering and traffic survey (E&TS) study that has been performed in accordance with traffic engineering practices. The engineering study shall include an analysis of the current speed distribution of free-flowing vehicles.
- 02 The Speed Limit (R2-1) sign (see Figure 2B-3) shall display the limit established by law, ordinance, regulation, or as adopted by the authorized agency based on the engineering study. The speed limits displayed shall be in multiples of 5 mph.
- 03 Speed Limit (R2-1) signs, indicating speed limits for which posting is required by law, shall be located at the points of change from one speed limit to another.
- 04 At the downstream end of the section to which a speed limit applies, a Speed Limit sign showing the next speed limit shall be installed. Additional Speed Limit signs shall be installed beyond major intersections and at other locations where it is necessary to remind road users of the speed limit that is applicable.
- 05 Speed Limit signs indicating the statutory speed limits shall be installed at entrances to the State and, where appropriate, at jurisdictional boundaries in urban areas. Support:
  - 06 In general, the maximum speed limits applicable to rural and urban roads are established:
  - A. Statutorily a maximum speed limit applicable to a particular class of road, such as freeways or city streets, that is established by State law; or
  - B. As altered speed zones based on engineering studies.
- 07 State statutory limits might restrict the maximum speed limit that can be established on a particular road, notwithstanding what an engineering study might indicate.

  Option:
- 08 If a jurisdiction has a policy of installing Speed Limit signs in accordance with statutory requirements only on the streets that enter a city, neighborhood, or residential area to indicate the speed limit that is applicable to the entire city, neighborhood, or residential area unless otherwise posted, a CITYWIDE (R2-5aP), NEIGHBORHOOD (R2-5bP), or RESIDENTIAL (R2-5cP) plaque may be mounted above the Speed Limit sign and an UNLESS OTHERWISE POSTED (R2-5P) plaque may be mounted below the Speed Limit sign (see

#### Figure 2B-3).

#### Guidance:

09 A Reduced Speed Limit Ahead (W3-5 or W3-5a) sign (see Section 2C.38) should be used to inform road users of a reduced speed zone where the speed limit is being reduced by more than 10

mph, or where engineering judgment indicates the need for advance notice to comply with the posted speed limit ahead.

10 States and local agencies should conduct engineering studies at least once every 5, 7 or 10 years, in compliance with CVC Section 40802 to reevaluate non-statutory speed limits on segments of their roadways that have undergone significant changes since the last review, such as the addition or elimination of parking or driveways, changes in the number of travel lanes, changes in the configuration of bicycle lanes, changes in traffic control signal coordination, or significant changes in traffic volumes.

- 11 No more than three speed limits should be displayed on any one Speed Limit sign or assembly.
  - When a speed limit within a speed zone is posted, it should be within 5 mph of the 85th-percentile speed of free-flowing traffic.

#### Standard:

12aWhen a speed limit is to be posted, it shall be established at the nearest 5 mph increment of the 85th-percentile speed of free-flowing traffic, except as shown in the two Options below.

Option:

- 1. The posted speed may be reduced by 5 mph from the nearest 5 mph increment of the 85th-percentile speed, in compliance with CVC Sections 627 and 22358.5. See Standard below for documentation requirements.
- 2. For cases in which the nearest 5 mph increment of the 85th-percentile speed would require a rounding up, then the speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used. Refer to CVC Section 21400(f).

#### Standard:

12b If the speed limit to be posted has had the 5 mph reduction applied, then an E&TS shall document in writing the conditions and justification for the lower speed limit and be approved by a registered Civil or Traffic Engineer. The reasons for the lower speed limit shall be in compliance with CVC Sections 627 and 22358.5.

#### Support:

12c The following examples are provided to explain the application of these speed limit criteria:

Example 1. Using Option 1 above and first step is to round down: If the 85th percentile speed in a speed survey for a location was 37 mph, then the speed limit would be established at 35 mph since it is the closest 5 mph increment to the 37 mph speed. As indicated by the option, this 35 mph established speed limit could be reduced by 5 mph to 30 mph if the conditions and justification for using this lower speed limit are documented in the E&TS and approved by a registered Civil or Traffic Engineer.

Example 2. Using Option 1 above and first step is to round up: If the 85th percentile speed in a speed survey for a location was 33 mph, then the speed limit would be established at 35 mph since it is the closest 5 mph increment to the 33 mph speed. As indicated by the option, this 35 mph speed limit could be reduced by 5 mph to 30 mph if the conditions and justification for using this lower speed limit are documented in the E&TS and approved by a registered Civil or Traffic Engineer.

Example 3. Using Option 2 above and first step is to round up: If the 85th percentile speed in a speed survey for a location was 33 mph, instead of rounding up to 35mph, the speed limit can be established at 30mph, but no further reductions can be applied (which is allowed in the two examples above).

#### Standard:

12d Examples 1 and 2 for establishing posted speed limits shall apply to engineering and traffic surveys (E&TS) performed on or after July 1, 2009 in accordance with the Department's Traffic Operations Policy Directive Number 09-04 dated June 29, 2009.

Option:

12e After January 1, 2012, Example 3 may be used to establish speed limits. Refer to CVC 21400(f).

#### Support:

- 12f Any existing E&TS that was performed before July 1, 2009 in accordance with previous traffic control device standards is not required to comply with the new criteria until it is due for reevaluation per the 5, 7 or 10 year criteria.
- 13 Speed studies for signalized intersection approaches should be taken outside the influence area of the traffic control signal, which is generally considered to be approximately 1/2 mile, to avoid obtaining skewed results for the 85th-percentile speed.

  Support:
- 14 Advance warning signs and other traffic control devices to attract the motorist's attention to asignalized intersection are usually more effective than a reduced speed limit zone. *Guidance:*
- 15 An advisory speed plaque (see Section 2C.08) mounted below a warning sign should be used to warn road users of an advisory speed for a roadway condition. A Speed Limit sign should not be used for this situation.

#### Option:

- 16 Other factors that may be considered when establishing or reevaluating speed limits are the following:
  - A. Road characteristics, shoulder condition, grade, alignment, and sight distance;
  - B. The pace;
  - C. Roadside development and environment;
  - D. Parking practices and pedestrian activity; and
  - E. Reported crash experience for at least a 12-month period.
- 17 Two types of Speed Limit signs may be used: one to designate passenger car speeds, including any nighttime information or minimum speed limit that might apply; and the other to show any special speed limits for trucks and other vehicles.
- 18 A changeable message sign that changes the speed limit for traffic and ambient conditions may be installed provided that the appropriate speed limit is displayed at the proper times.
- 19 A changeable message sign that displays to approaching drivers the speed at which they are traveling may be installed in conjunction with a Speed Limit sign.

  Guidance:
- 20 If a changeable message sign displaying approach speeds is installed, the legend YOUR SPEED XX MPH or such similar legend should be displayed. The color of the changeable message legend should be a yellow legend on a black background or the reverse of these colors. Support:
- 21 Advisory Speed signs and plaques are discussed in Sections 2C.08 and 2C.14. Temporary TrafficControl Zone Speed signs are discussed in Part 6. The WORK ZONE (G20-5aP) plaque intended for installation above a Speed Limit sign is discussed in Section 6F.12. School Speed Limit signs are discussed in Section 7B.15.
- 22 Speed limits in California are governed by the California Vehicle Code (CVC), Sections 22348 through 22413; also, pertinent sections are found in Sections 627 and 40802 and others referenced in this section. See Section 1A.11 for information regarding this publication.
- 23 Refer to Part 6, Section 6C.01 for speed limit signs in temporary traffic control zones. Refer to Part 7 for speed limit signs in school areas.

#### Engineering and Traffic Survey (E&TS)

Support:

CVC Section 627 defines the term "Engineering and traffic survey" and lists its requirements.

#### Standard:

- 24 An engineering and traffic survey (E&TS) shall include, among other requirements deemed necessary by the department, consideration of all of the following:
  - A. Prevailing speeds as determined by traffic engineering measurements.
  - B. Collision records.
  - C. Highway, traffic, and roadside conditions not readily apparent to the driver.

#### Guidance:

- 25 The E&TS should contain sufficient information to document that the required three items of CVC Section 627 are provided and that other conditions not readily apparent to a driver are properly identified.
  - 26 Prevailing speeds are determined by a speed zone survey. A speed zone survey should include:
  - A. The intent of the speed measurements is to determine the actual speed of unimpeded traffic. The speed of traffic should not be altered by concentrated law enforcement, or other means, just prior to, or while taking the speed measurements.
  - B. Only one person is required for the field work. Speeds should be read directly from a radar or other electronic speed measuring devices; or,
  - C. Devices, other than radar, capable of accurately distinguishing and measuring the unimpeded speed of free flowing vehicles may be used.
  - D. A location should be selected where prevailing speeds are representative of the entire speed zone section. If speeds vary on a given route, more than one speed zone section may be required, with separate measurements for each section. Locations for measurements should be chosen so as to minimize the effects of traffic signals or stop signs.
  - E. Speed measurements should be taken during off-peak hours between peak traffic periods on weekdays. If there is difficulty in obtaining the desired quantity, speed measurements may be taken during any period with free flowing traffic.
  - F. The weather should be fair (dry pavement) with no unusual conditions prevailing.
  - G. The surveyor and equipment should not affect the traffic speeds. For this reason, an unmarked car is recommended, and the radar speed meter located as inconspicuously as possible.
  - H. In order for the sample to be representative of the actual traffic flow, the minimum sample should be 100 vehicles in each survey. In no case should the sample contain less than 50 vehicles.
  - 1. Short speed zones of less than 0.5 mile should be avoided, except in transition areas.
  - J. Speed zone changes should be coordinated with changes in roadway conditions or roadside development.
  - K. Speed zoning should be in 10 mph increments except in urban areas where 5 mph increments are preferable.
  - L. Speed zoning should be coordinated with adjacent jurisdictions.

#### Support:

27 Physical conditions such as width, curvature, grade and surface conditions, or any other condition readily apparent to the driver, in the absence of other factors, would not require special downward speed zoning. Refer to CVC 22358.5.

#### Option:

- 28 When qualifying an appropriate speed limit, local authorities may also consider all of the following findings:
- A. Residential density, if any of the following conditions exist on the particular portion of highway and the property contiguous thereto, other than a business district:
  - 1. Upon one side of the highway, within 0.25 mile, the contiguous property fronting thereon is occupied by 13 or more separate dwelling houses or business structures.
  - 2. Upon both sides of the highway, collectively, within a distance of 0.25 mile the contiguous property fronting thereon is occupied by 16 or more separate dwelling houses or business structures.

- 3. The portion of highway is larger than 0.25 mile but has the ratio of separate dwelling houses or business structures to the length of the highway described in either subparagraph a or b.
- B. Pedestrian and bicyclist safety.
- 29 The following two methods of conducting E&TS may be used to establish speed limits:
- State Highways The E&TS for State highways is made under the direction of the Department of Transportation's District Traffic Engineer. The data includes:
  - a. One copy of the Example of Speed Zone Survey Sheet (See Figure 2B-101(CA)) showing:
    - A north arrow
    - Engineer's station or post mileage
    - Limits of the proposed zones
    - Appropriate notations showing type of roadside development, such as "scattered business,"
       "solid residential," etc. Schools adjacent to the highway are shown, but other buildings need not
       be plotted unless they are a factor in the speed recommendation or the point of termination of a
       speed zone.
    - Collision rates for the zones involved
    - · Average daily traffic volume
    - Location of traffic signals, signs and markings
    - If the highway is divided, the limits of zones for each direction of travel
    - Plotted 85th percentile and pace speeds at location taken showing speed profile
  - b. A report to the District Director that includes:
    - The reason for the initiation of speed zone survey.
    - Recommendations and supporting reasons.
    - The enforcement jurisdictions involved and the recommendations and opinions of those officials.
    - The stationing or reference post in mileage at the beginning and ending of each proposed zone
      and any intermediate equations. Location ties must be given to readily identifiable physical
      features.
- 2. City and County Through Highways, Arterials, Collector Roads and Local Streets.
  - a. The short method of speed zoning is based on the premise that a reasonable speed limit is one that conforms to the actual behavior of the majority of motorists, and that by measuring motorists' speeds, one will be able to select a speed limit that is both reasonable and effective. Other factors that need to be considered include but are not limited to: the most recent two-year collision record, roadway design speed, safe stopping sight distance, superelevation, shoulder conditions, profile conditions, intersection spacing and offsets, commercial driveway characteristics, and pedestrian traffic in the roadway without sidewalks.
  - b. Determination of Existing Speed Limits Figures 2B-103(CA) & 2B-104(CA) show examples of data sheets which may be used to record speed observations. Specific types of vehicles may be tallied by use of letter symbols in appropriate squares.

30 In most situations, the short form for local streets and roads will be adequate; however, the procedure used on State highways may be used at the option of the local agency.

Guidance:

- 31 The factors justifying a reduction below the 85th percentile speed for the posted speed limit are the same factors mentioned above. Whenever such factors are considered to establish the speed limit, they should be documented on the speed zone survey or the accompanying engineering report.
- 32 The establishment of a speed limit of more than 5 mph below the 85th percentile speed should be done with great care as studies have shown that establishing a speed limit at less than the 85th percentile generally results in an increase in collision rates; in addition, this may make violators of a disproportionate number of the reasonable majority of drivers.

Support:

- 33 Generally, the most decisive evidence of conditions not readily apparent to the driver surface in collision histories.
- 34 Speed limits are established at or near the 85th percentile speed, which is defined as that speed at or below which 85th percent of the traffic is moving. The 85th percentile speed is often referred to as the critical speed. Pace speed is defined as the 10 mph increment of speed containing the largest number of vehicles (See Figure 2B-102(CA)). The lower limit of the pace is plotted on the Speed Zone Survey Sheets as an aid in determining the proper zone limits. Speed limits higher than the 85th percentile are not generally considered reasonable and prudent. Speed limits below the 85th percentile do not ordinarily facilitate the orderly movement of traffic and require constant enforcement to maintain compliance. Speed limits established on the basis of the 85th percentile conform to the consensus of those who drive highways as to what speed is reasonable and prudent, and are not dependent on the judgment of one or a few individuals.
- 35 The majority of drivers comply with the basic speed law. Speed limits set at or near the 85th percentile speed provide law enforcement officers with a limit to cite drivers who will not conform to what the majority considers reasonable and prudent.

Further studies show that establishing a speed limit at less than the 85th percentile (Critical Speed) generally results in an increase in collision rates.

Option:

<sup>36</sup> When roadside development results in traffic conflicts and unusual conditions which are not readily apparent to drivers, as indicated in collision records, speed limits somewhat below the 85th percentile may be justified. Concurrence and support of enforcement officials are necessary for the successful operation of a restricted speed zone.

Guidance:

37 Speed zones of less than 0.5 mile and short transition zones should be avoided.

#### Signs

#### Standard:

- 38 The Speed Limit (R2-1) sign shall be used to give notice of a prima facie or maximum speed limit except as provided under Prima Facie Speed Limits in CVC 22352.
- 39 When used, the TRUCKS, 3 AXLES OR MORE 55 MAXIMUM (R6-3(CA)) sign shall be installed approximately 750 feet following each R2-1 sign.
- 40 The ALL VEHICLES WHEN TOWING 55 MAXIMUM (R6-4(CA)) sign shall be installed approximately 750 feet following the R6-3(CA) sign.

Guidance:

41 The R6-3(CA) and R6-4(CA) signs should be placed on highway segments where speeds in excess of 55 mph are permitted.

Option:

- 42 The existing AUTOS WITH TRAILERS, TRUCKS 55 MAXIMUM (R6-1(CA)) sign may remain in place until it is knocked down, damaged, stolen, vandalized, or otherwise reaches the end of its useful life.
- 43 The local California Highway Patrol office may be consulted to identify highway segments where enforcement is an issue.

On these segments early replacement of existing R6-1(CA) signs may be necessary.

Support:

- 44 Refer to CVC Section 22406 for types of vehicles subject to the 55 mph maximum speed limit.
- <sup>45</sup> The Speed Zone Ahead (R2-4(CA)) sign (see Figure 2B-3(CA)) may be used to inform the motorist of a reduced speed zone.

#### Standard:

- 46 The R2-4(CA) sign shall always be followed by a Speed Limit (R2-1) sign installed at the beginning of the zone where the reduced speed limit applies.
  - 47 The End Speed Limit (R3(CA)) sign shall only be used to mark the end of a speed zone.
- 48 The R3(CA) sign shall not be used at a transition into a change in speed limits within a reduced zone.

#### Option:

49 The R3(CA) sign (see Figure 2B-3(CA)) may be used with the TRUCK (M4-4) plaque to mark the end of truck speed zones on descending grades.

#### Standard:

50 Speed limit signs shall be placed at the beginning of all restricted speed zones.

#### Option:

51 Where speed zones are longer than 1 mile, intermediate signs may be placed at approximate 1 mile intervals. For three or more lanes in each direction, dual installation may be used.

#### Standard:

- 52 The Speed Limit (R2-1) and End Speed Limit (R3(CA)) signs, as appropriate shall be placed at the end of all restricted speed zones.
- 53 Freeways with 65 mph and those segments where a speed limit of 70 mph has been approved by the Department of Transportation, with approval by the California Highway Patrol, shall be posted as follows:
  - At the segment entrance, R2-1 signs shall be installed right of traffic off of the right shoulder.
  - R2-1 signs shall also be installed off of the right shoulder only, throughout the segment, at a maximum of 25 mile intervals.

#### Option:

The 25 mile interval may be modified to include locations following entrance ramps.

#### Standard:

- The R6-3(CA) sign (see Figure 2B-3(CA)) shall be installed approximately 750 feet following each R2-1 sign, both at the beginning and throughout each 60, 65 or 70 mph segment.
- The R6-4(CA) sign (see Figure 2B-3(CA)) shall be installed approximately 750 feet following each R6-3(CA) sign.

#### Option:

• The SLOWER TRAFFIC KEEP RIGHT (R4-3) signs may be installed at locations where there is a tendency of the motorists to drive in the left-hand lane(s) below the normal speed of traffic.

#### Standard:

- Signs shall be placed in protected locations.
- At the end of the 70/65 mph segment, R2-1 signs shall be installed off of the right shoulder.
  - 54 Freeway segments where a 55 mph speed limit has been approved by the Department of Transportation, with the approval of the California Highway Patrol, shall be posted as follows:
- The beginning of the segment shall be posted with an R2-1 sign installed on the right shoulder and left shoulder where the median is of sufficient width to permit sign maintenance without lane closures.

#### Guidance:

- Subsequent signs should then be posted on the right shoulder, on approximate 3 mile intervals, with no more than 3 interchanges between signs.
- At the end of the segment, an R2-1 sign with the appropriate number for the next speed limit should be posted on the right shoulder.

55 Conventional highways with 55 mph speed limits should be posted as follows:

#### Standard:

- The beginning of the segment shall be posted with an R2-1 sign installed on the right shoulder. Guidance:
  - Subsequent signs should then be posted on approximate 5 to 10 mile intervals and immediately after locations where significant volumes of traffic enter the segment.
  - At the end of the segment, an R2-1 sign with the appropriate number for the next speed limit should be posted on the right shoulder.

Conventional highways with 65 mph speed limits should be posted as follows:

- The beginning of the segment should be posted with an R2-1 sign installed on the right shoulder.
- Subsequent signs should then be posted at 5 to 10 mile intervals and after locations where significant volumes of traffic enter the segment.
- At the end of the segment, an R2-1 sign with the appropriate number for the next speed limit should be posted on the right shoulder.

#### Option:

56 Pavement markings with appropriate numerals (see Section 3B.21) may be used to supplement speed limit signs.

#### Standard:

- 57 The R2-1 and R6-3(CA) and R6-4(CA) signs giving maximum statewide speed limits for various types of vehicles shall be installed on all State highways near the points of entrance into California. *Guidance:*
- 58 The R2-1 and R6-3(CA) and R6-4(CA) signs should be placed in a location to be most effectively viewed by the approaching motorists.

#### Standard:

59 Speed Limit (R2-1) signs shall be installed throughout segments of freeway with posted speed limits of 65 mph or 70 mph at a maximum of 25 mile intervals.

#### Option:

60 The 25 mile interval may be modified to include locations following entrance ramps.

#### Standard:

- 61 Speed Limit (R2-1) signs shall be installed throughout segments of conventional highways with a posted speed limit of 65 mph at 5 mile to 10 mile intervals.
- 62 Speed Limit (R2-1) signs shall be installed throughout segments of freeway with a posted speed limit of 55 mph at approximately 3 mile intervals with no more than 3 interchanges between signs.
- 63 Speed Limit (R2-1) signs shall be installed throughout segments of conventional highways with a posted speed limit of 55 mph at 5 mile to 10 mile intervals.

#### Speed Enforced Signs

#### Option:

64 The SPEED ENFORCED BY RADAR (R48(CA)) sign (see Figure 2B-3(CA)) may be used where the California Highway Patrol has received authority to use radar and requests such signs.

#### Guidance:

65 One sign should be used in each direction at the beginning of the segment of roadway, and at intervening major route intersections, where radar enforcement is in effect.

#### Support:

66 The R48(CA) sign is a stand-alone sign intended to alert motorists that speed is enforced by radar on a particular segment of roadway.

#### Option:

67 The RADAR ENFORCED (R48-1(CA)) sign (see Figure 2B-3(CA)) may be used in combination with the Speed Limit (R2-1) sign on any roadway where law enforcement has the authority to use radar.

Guidance:

68 When used, the R48-1(CA) sign should be placed below the R2-1 sign, at the beginning of the segment of roadway and at intervening major intersections, where radar enforcement is in effect.

Option:

69 The SPEED ENFORCED BY AIRCRAFT (R48-2(CA)) sign (see Figure 2B-3(CA)) may be placed, when requested by the California Highway Patrol, on sections of highway regularly patrolled by aircraft.

Standard:

70 The R48-2(CA) sign shall be used for both directions of travel.

Guidance:

71 The R48-2(CA) sign should be placed at the beginning of the section and spaced at 25 mile intervals. See Figure 3B-105(CA).

#### Vehicle Speed Feedback Signs

Option:

72 A Vehicle Speed Feedback sign that displays to approaching drivers the speed at which they are traveling may be installed in conjunction with a Speed Limit (R2-1) sign.

#### Standard:

73 If a Vehicle Speed Feedback sign displaying approach speeds is installed, the legend shall be YOUR SPEED XX. The numerals displaying the speed shall be white, yellow, yellow-green or amber color on black background. When activated, lights shall be steady-burn conforming to the provisions of CVC Sections 21466 and 21466.5. Vehicle Speed Feedback signs shall not alternatively be operated as variable speed limit signs.

Guidance:

74 To the degree practical, numerals for displaying approach speeds should be similar font and size as numerals on the corresponding Speed Limit (R2-1) sign.

Option:

75 When used, the Vehicle Speed Feedback sign may be mounted on either a separate support or on the same support as the Speed Limit (R2-1) sign.

76 In lieu of lights, legend may be retroreflective film for flip-disk systems.

77 The legend YOUR SPEED may be white on black plaque located above the changeable speed display. Support:

78 Driver comprehension may improve when the Vehicle Speed Feedback Sign is mounted on the same support below the Speed Limit (R2-1) sign.

79 Vehicle Speed Feedback Signs are appropriate for use with advisory speed signs and with temporary signs in temporary traffic control zones.

## Basic Speed Law and Prima Facie Speed Limits - See CVC 22350 & 22352

Support:

80 The basic speed law states "No person shall drive a vehicle upon a highway at a speed greater than is reasonable or prudent having due regard for weather, visibility, the traffic on, and the surface and width of, the highway, and in no event at a speed which endangers the safety of persons or property."

Standard:

81 Prima facie speed limits are specific limits and shall apply unless changed based upon an engineering and traffic survey (E&TS) and signs are posted that display the new speed limit. Option:

82 Prima facie speed limits may be preempted by the basic speed law, when roadway, traffic or weather conditions warrant a lower speed.

#### Use of Metric System Designations - See CVC 21351.3

Option:

83 Dual units for speed limits on signs may be placed on local streets and roads in both Metric and English units.

Guidance:

84 If used, dual unit speed limits should be rounded to the nearest 10 km/h for Metric and 5 mph for English units for posting on signs on local streets and roads.

Support:

85 Refer to AASHTO's Traffic Engineering Metric Conversion Factors. See Section 1A.11 for information regarding this publication.

Standard:

86 Metric speed limits shall not be placed on State highways. For use in this California MUTCD, 70 mph shall be shown as a metric equivalent of 110 km/h, neither of which shall be used on any local street or road.

#### Legal Authority for Establishing Speed Limits

Support:

87 Delegation of legal authority to set speed limits on State highways is given to Department of Transportation's District Directors. The District Director of each transportation district is authorized to issue orders regulating the speed of traffic, up to 65 mph on State highways. The Director of the Department of Transportation retains the authority to approve variable, minimum, and maximum speeds up to 70 mph on State freeways.

Standard:

88 The speed limits shown in Table 2B-101(CA) shall apply, unless changed upon the basis of an engineering and traffic survey (E&TS).

Option:

89 The speed limits shown in Table 2B-102(CA) may apply, unless changed upon E&TS.

#### Variable Speed Limits on Freeways - See CVC 22355

Option:

90 The following speed limits may apply:

- Whenever the Department of Transportation determines based upon an engineering and traffic survey (E&TS) that the safe and orderly movement of traffic upon any freeway segment will be facilitated by the establishment of variable speed limits.
- The Department may erect, regulate, and control signs upon the state highway which is a freeway, or any
  portion thereof, which, if used, signs shall be designed to permit display of different speeds at various
  times of the day or night.
- Such signs need not conform to the standards & specifications per CVC 21400, but if used, shall be of sufficient size and clarity to give adequate notice of the applicable speed limit.

#### Minimum Speed Limits on State Highways - See CVC 22400

Option:

91 The following speed limits may apply:

- Whenever the Department of Transportation determines based upon an engineering and traffic survey
  (E&TS) that slow speeds on any part of a state highway consistently impede the normal and reasonable
  movement of traffic, the Department may determine and declare a minimum speed limit. Appropriate signs
  giving notice shall then be installed on that segment.
- A motorist can be cited for stopping or impeding the normal and reasonable movement of traffic unless the stop is necessary for safe operation and in compliance with the law.

#### **Speed Traps**

Support:

92 Refer to CVC 40802 for Speed Traps.

#### Standard:

- 93 A speed trap shall not apply to a local street, road, or school zone.
- 94 A section of highway shall be defined as a speed trap if the prima facie speed limit is not justified by an engineering and traffic survey (E&TS) within five years, and the enforcement of the speed limit involves the use of radar or any other electronic device that measures the speed of moving objects.
- 95 This time provision shall be extended to seven years when using radar and all of the following criteria are met:
  - The arresting officer has successfully completed a minimum of 24 hours of certified radar operator course training.
  - The radar used to measure the speed meets or exceeds the minimal operational standards of the National Traffic Highway Safety Administration, and has been calibrated within three years of the alleged violation.
- 96 This time provision shall be extended to seven years when using laser or other electronic device (other than radar) and all of the following criteria are met:
  - The arresting officer has successfully completed a minimum of 24 hours of certified radar operator course training.
  - The arresting officer has successfully completed a minimum of 2 hours of additional approved certified training.
  - The radar used to measure the speed meets or exceeds the minimal operational standards of the National Traffic Highway Safety Administration, and has been calibrated within three years of the alleged violation.

Option:

97 This time provision for an E&TS may be extended to ten years when all of the above conditions are met and no significant changes in roadway or traffic conditions have occurred, including changes in adjoining property or land use, roadway width, or traffic volume as determined by a registered engineer.

#### Truck Speed Zone on Descending Grades

Guidance:

98 Highway descending grades, if used for posting TRUCK Speed Limit signs (R2-1 and M4-4) for trucks travelling downhill, should have recorded incident history of runaway commercial vehicles. Descending grades shorter than 1 mile should be avoided for posting signs because deceleration of vehicles due to braking action can generally provide sufficient control on descending grades of less than 1 mile.

Support:

99 To establish a downhill truck speed limit, a physical profile showing length and gradient and a downhill speed profile for three or more axle commercial vehicles with a gross rating of 10,000 lbs. or more will be provided.

#### Standard:

100 Speed profiles for truck speed limits shall be prepared on the same form as other speed surveys. An analysis of collisions involving trucks shall be prepared.

Guidance.

101 Posted speeds should be on the low side of the scale, generally within the pace of loaded commercial vehicles.

#### Standard:

102 If warranted, the Department of Transportation's District Director shall issue a standard speed zone order.

Support:

103 Posting of the regulation will be by placement of a standard 36 x 45 inch Speed Limit (R2-1) sign with a TRUCK (M4-4) plate above.

Standard:

104 A standard End Speed Limit (R3(CA)) sign with TRUCK (M4-4) plate shall be posted at the end of the truck zone when appropriate.

#### Speed Zones in Temporary Traffic Control Areas

Support:

105 For signing and establishing speed zones in temporary traffic control areas, refer to Section 6C.01 in Part 6.

#### Speed Zones and Traffic Signals

Standard:

106 An agency changing the speed limits within its jurisdiction shall report the speed limit change to the agency operating and maintaining traffic signals within the speed zone no later than 30 days before changing the posted speed limit.

Support:

107 Changing the signal timing and adjusting the advance detector loops based on the revised speed limits can enhance the operations of the traffic signal.

#### **Definitions of Selected Terms Used in the CA MUTCD**

#### **Text Headings**

**Standard**—a statement of required, mandatory, or specifically prohibitive practice regarding a traffic control device. All Standard statements are labeled, and the text appears in bold type. The verb "shall" is typically used. The verbs "should" and "may" are not used in Standard statements. Standard statements are sometimes modified by Options.

**Guidance**—a statement of recommended, but not mandatory, practice in typical situations, with deviations allowed if engineering judgment or engineering study indicates the deviation tobe appropriate. All Guidance statements are labeled, and the text appears in non-bolded type. The verb "should" is typically used. The verbs "shall" and "may" are not used in Guidance statements. Guidance statements are sometimes modified by Options.

**Option**—a statement of practice that is a permissive condition and carries no requirement or recommendation. Option statements sometime contain allowable modifications to a Standard or Guidance statement. All Option statements are labeled, and the text appears in non-bolded type. The verb "may" is typically used. The verbs "shall" and "should" are not used in Option statements.

**Support**—an informational statement that does not convey any degree of mandate, recommendation, authorization, prohibition, or enforceable condition. Support statements are labeled, and the text appears in non-bolded type. The verbs "shall," "should," and "may" are not used in Support statements.

#### Words and Phrases

**Speed**—speed is defined based on the following classifications:

- (a) **Average Speed**—the summation of the instantaneous or spot-measured speeds at a specific location of vehicles divided by the number of vehicles observed.
- (b) **Design Speed**—a selected speed used to determine the various geometric designfeatures of a roadway.
- (c) **85th-Percentile Speed**—the speed at or below which 85 percent of the motor vehicles travel.
- (d) Operating Speed—a speed at which a typical vehicle or the overall traffic operates. Operating speed might be defined with speed values such as the average, pace, or 85th-percentile speeds.
- (e) **Pace**—the 10 mph speed range representing the speeds of the largest percentage of vehicles in the traffic stream.

B-13

**Speed Limit**—the maximum (or minimum) speed applicable to a section of highway as established by law or regulation.

**Posted Speed Limit**—a speed limit determined by law or regulation and displayed on SpeedLimit signs.

**Speed Zone**—a section of highway with a speed limit that is established by law or regulation, but which might be different from a legislatively specified statutory speed limit.

**Statutory Speed Limit**—a speed limit established by legislative action that typically is applicable for a particular class of highways with specified design, functional, jurisdictionaland/or location characteristics and that is not necessarily displayed on Speed Limit signs.

Average Daily Traffic (ADT)—the average 24 hour volume, being the total volume during a stated period divided by the number of days in that period. Normally, this would be periodic daily traffic volumes over several days, not adjusted for days of the week or seasons of the year.

Bicycle Lane—a portion of a roadway that has been designated for preferential or exclusiveuse by bicyclists by pavement markings and, if used, signs. See Class II Bikeway.

**Business District** - A "business district" is that portion of a highway and the property contiguous thereto (a) upon one side of which highway, for a distance of 600 feet, 50 percent or more of the contiguous property fronting thereon is occupied by buildings in use for business, or (b) upon both sides of which highway, collectively, for a distance of 300 feet, 50 percent or more of the contiguous property fronting thereon is so occupied. A business districtmay be longer than the distances specified in this section if the above ratio of buildings in usefor business to the length of the highway exists. Refer to CVC 235. **CVC** – California Vehicle Code.

Class II Bikeway (such as a Bike Lane) – Provides a restricted right-of-way designated forthe exclusive or semi-exclusive use of bicycles with through travel by motor vehicles or pedestrians prohibited, but with vehicle parking and crossflows by pedestrians and motoristspermitted. Refer to California Streets and Highways Code Section 890.4. Refer to Caltrans' Highway Design Manual Index 1003.2 for design criteria.

**Divided Highway** – A highway with separated roadbeds for traffic in opposing directions.

**Engineer** – a person registered under California Professional Engineers Act as a professional engineer, including any of the branches thereof. Refer to California Business and Professions Code Section 6706. 63b. Engineering and Traffic Survey – Refer to CVC 627.

Engineering Judgment—the evaluation of available pertinent information, and the application of appropriate principles, experience, education, discretion, provisions, and practices as contained in this Manual and other sources, for the purpose of deciding upon the applicability, design, operation, or installation of a traffic control device. Engineering judgment shall be

exercised by an engineer, or by an individual working under the supervision of an engineer, through the application of procedures and criteria established by the engineer. Documentation of engineering judgment is not required.

**Engineering Study**—the comprehensive analysis and evaluation of available pertinent information, and the application of appropriate principles, engineering judgment, experience, education, discretion, provisions, and practices as contained in this Manual and other sources, for the purpose of deciding upon the applicability, design, operation, or installation of a traffic control device. An engineering study shall be performed by an engineer, or by an individual working under the supervision of an engineer, through the application of procedures and criteria established by the engineer. An engineering study shall be documented.

**Median**—the area between two roadways of a divided highway measured from edge of traveled way to edge of traveled way. The median excludes turn lanes. The median widthmight be different between intersections, interchanges, and at opposite approaches of the same intersection.

**Multi-Lane**—more than one lane moving in the same direction. A multi-lane street, highway, or roadway has a basic cross-section comprised of two or more through lanes in one or both directions. A multi-lane approach has two or more lanes moving toward the intersection, including turning lanes.

**Pedestrian**—a person on foot, in a wheelchair, on skates, or on a skateboard. As per CVC 467, (a) A "pedestrian" is a person who is afoot or who is using any of the following: (1) A means of conveyance propelled by human power other than a bicycle. (2) An electric personal assistive mobility device. (b) "Pedestrian" includes a person who is operating a self-propelled wheelchair, motorized tricycle, or motorized quadricycle and, by reason of physical disability, isotherwise unable to move about as a pedestrian, as specified in subdivision(a).

**Pedestrian Facilities**—a general term denoting improvements and provisions made to accommodate or encourage walking.

Roadway—that portion of a highway improved, designed, or ordinarily used for vehicular travel and parking lanes, but exclusive of the sidewalk, berm, or shoulder even though such sidewalk, berm, or shoulder is used by persons riding bicycles or other human-powered vehicles. In the event a highway includes two or more separate roadways, the term roadway as used in this Manual shall refer to any such roadway separately, but not to all such roadwayscollectively. Refer to CVC 527.

**Shared-Use Path (Class I Bikeway)** —a bikeway outside the traveled way and physically separated from motorized vehicular traffic by an open space or barrier and either within the highway right-of-way or within an independent alignment. Shared-use paths are also used by pedestrians (including skaters, users of manual and motorized wheelchairs, and joggers) and other authorized motorized and non-motorized users. Refer to the Caltrans' Highway Design Manual Index 1003.1 for design criteria.

B-15

Appendix B

**Shoulder** – The portion of the highway contiguous with the roadway for accommodations of pedestrians, bicyclists, stopped vehicles, for emergency use, and for lateral support of baseand surface courses.

**Sidewalk**—that portion of a street between the curb line, or the lateral line of a roadway, andthe adjacent property line or on easements of private property that is paved or improved and intended for use by pedestrians. As per CVC 555, "Sidewalk" is that portion of a highway, other than the roadway, set apart by curbs, barriers, markings or other delineation for pedestrian travel.

Traffic Control Device—a sign, signal, marking, or other device used to regulate, warn, or guide traffic, placed on, over, or adjacent to a street, highway, private road open to public travel (see definition of private road open to public travel), pedestrian facility, or shared-use path by authority of a public agency or official having jurisdiction, or, in the case of a private road open to public travel (see definition of private road open to public travel), by authority ofthe private owner or private official having jurisdiction.

## APPENDIX C

**Engineering and Traffic Survey Summary Sheets** 



Location:	W. 2nd Street	Survey Date: April 8, 2021		
Between:	L Street & G Street	Segment No: 1		
Direction of Travel:	East/West			
	Traffic Data			
Average Daily Traffic:	7,468			
Length of Segment (feet):	1,690			
Length of Segment (miles):	0.32			
Lane Configuration:	Single Lane Each Direction			
Street Classification:	Collector			
Street Classification.				
85th Percentile:	Speed Survey Data			
10 mph Pace:	22-31 mph			
Posted Speed Limit:	25 mph			
r osted byted Billit.	Collision History			
Date Range:	January 1, 2018 - December 31, 2020			
Total Collisions:	0			
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate			
Statewide Collision Rate:	1.60			
State Wide Combine Rate.	Conditions Not Readily Appa	rant		
Conditions:	Conditions Not Readily Appa	Tent		
No bike lanes, sidewalk on both sid	es of road. Prospects High School.			
·	07 1 5 setti			
Roadway Geometrics:				
2-lane undivided.				
Comments:				
On-street parking, trucks present, a	nd ped/bike safety			
Adjacent Land Use:	Downtown Commercial / Residential / Public Instituti			
Aujacent Land Ose:		10N		
Recommended Speed:	Recommendation 25 mph			
Speed Limit Change:	No No			
Recommendation based on:	85th percentile speed, Option 1			
Recommendation based on.		oh, to 25 mph, due to on-street parking, trucks present, and		
	ped/bike safety)	on, to 25 mpn, due to on street parking, trucks present, and		
OFFICIAL TION A P. A. G. M.		PROFESSIONAL		
	do hereby certify that this Engineering and Traffic Sur			
of Antioch was performed under my supervision, conforms to Sections 627 and 40802 of the California  Vehicle Code and Section 2B.13 of the California Manual on Uniform Traffic Control Devices, and is				
accurate and complete. I am duly registered in the State of California as a Professional Engineer (Traffic)*:				
		1 a - 5 ( Car		
		OF CAUPPIN		
Ma M In	4/1.4/00			
Ruth Smith, TE, PTP TE 1650	4/14/22 Date			
Sauti Sintili, 1E, 11F 1E 1050	Date			
Contract services provided by Inte	rwest Consulting Group			



Location:	W. 4th Street	Survey Date: April 8, 2021	
Between:	L Street & C Street	Segment No: 2	
Direction of Travel:	East/West		
	Traffic Data		
Average Daily Traffic:	1,599		
Length of Segment (feet)	3,170		
Length of Segment (miles):	0.60		
Lane Configuration	Single Lane Each Direction		
Street Classification:	Collector		
	Speed Survey Data		
85th Percentile:	29 mph		
10 mph Pace:	19-28 mph		
Posted Speed Limit:	25 mph		
	Collision History		
Date Range:	January 1, 2018 - December 31, 2020		
Total Collisions:	0		
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate		
Statewide Collision Rate:	1.60		
	Conditions Not Readily Apparent		
Roadway Geometrics:			
2-lane undivided			
Comments: On-street parking, high driveway of	lensity, residential density, and ped/bike safety		
Adjacent Land Use:	Residential / Commercial		
	Recommendation		
Recommended Speed:	25 mph		
Speed Limit Change:	No		
Recommendation based on:	85th percentile speed, Option 2 (rounded up to 30 mph, then reduced by 5 mph to 25 mph)		
of Antioch was performed under n Vehicle Code and Section 2B.13 o accurate and complete. I am duly  May May Ruth Smith, TE, PTP TE 1650		1850	
* Contract services provided by In	terwest Consulting Group		



Location:	W. 6th Street	Survey Date:	April 7, 2021
Between:	L Street & A Street	Segment No:	
Direction of Travel:	East/West	_	
	Traffic Data		
Average Daily Traffic:	1,453		
Length of Segment (feet):	3,910		
Length of Segment (miles):	0,74		
Lane Configuration:	Single Lane Each Direction		
Street Classification:	Local		
	Speed Survey Data		
85th Percentile:	32 mph		
10 mph Pace:	23-32 mph		
Posted Speed Limit:	25 mph		
	Collision History		
Date Range:	January 1, 2018 - December 31, 2020		
Total Collisions:	0		
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate		
Statewide Collision Rate:	1.60		
	Conditions Not Readily Apparent		
Roadway Geometrics:			
2-lane undivided roadway. Vertical	curve between 1 Street and H Street, with visibility impacted for EB dire	ection.	
Comments: on-street parking, not obvious verti	cal curve, residential density, and ped/bike safety		
Adjacent Land Use:	Residential / Institutional		
	Recommendation		
Recommended Speed:	25 mph		
Speed Limit Change:	No		
Recommendation based on:	85th percentile speed, Option 1 (rounded down to 30 mph, then reduced another 5 mph, to 25 mph, due curve, residential density, and ped/bike safety)	to on-street parkin	ng, not obvious vertical
of Antioch was performed under my Vehicle Code and Section 2B.13 of	do hereby certify that this Engineering and Traffic Survey within the City supervision, conforms to Sections 627 and 40802 of the California the California Manual on Uniform Traffic Control Devices, and is egistered in the State of California as a Professional Engineer (Traffic)*:  4/14/22  Date	REGISTE	1850 THENS OF CAURING
Contract services provided by Inte	rwest Consulting Group		



Auto Center Drive & L Street	Segment No: 4	
East/West		
Traffic Data		
11,680		
2,855		
0.54		
ngth of Segment (miles): 0.54 ne Configuration: Divided Roadway: Two Lanes Each Direction with Median		
Arterial		
Speed Survey Data		
EB: 42 mph / WB: 41 mph. Recommended speed li	mit based on greater 85th percentile speed of 42 mph.	
EB: 33-42 mph / WB: 33-42		
35 mph		
Collision History		
January 1, 2018 - December 31, 2020		
0		
0.00, less than statewide collision rate		
0.91		
Conditions Not Readily App	arent	
ensity, trucks present, residential density, and ped/bik	e safety	
ensity, trucks present, residential density, and ped/bik	e safety	
	e safety	
Commercial / Residential	e safety	
Commercial / Residential  Recommendation	e safety	
Commercial / Residential  Recommendation  35 mph  No  85th percentile speed, Option 1	other 5 mph, to 35 mph, due to on-street parking, high	
	Traffic Data  11,680  2,855  0.54  Divided Roadway: Two Lanes Each Direction with Arterial  Speed Survey Data  EB: 42 mph / WB: 41 mph. Recommended speed li  EB: 33-42 mph / WB: 33-42  35 mph  Collision History  January 1, 2018 - December 31, 2020  0  0.00, less than statewide collision rate	



Location:	E. 18th Street	Survey Date: April 7, 2021		
Between:	A Street & Hillcrest Avenue	Segment No: 5		
Direction of Travel:	East/West			
	Traffic Data			
Average Daily Traffic:	12,539			
Length of Segment (feet):	2,640			
Length of Segment (miles):	0.50			
Lane Configuration:	Two Lanes Each Direction			
Street Classification:	Arterial			
	Speed Survey Data			
85th Percentile:	42 mph			
10 mph Pace:	33-42 mph			
Posted Speed Limit:	30 mph			
	Collision History			
Date Range:	January 1, 2018 - December 31, 2020			
Total Collisions:	0			
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate			
Statewide Collision Rate:	0.93			
	Conditions Not Readily Apparent	X		
Conditions:				
No bike lanes, sidewalk on both sic	les of the road. Near Rocketship Delta Prep Elementary Sch	nool at Cavallo Road		
Roadway Geometrics:				
4-lane undivided, with two-way lef	t turn lane			
Comments:				
high driveway density and ped/bike	safety			
Adjacent Land Use:	Residential / Commercial			
	Recommendation			
Recommended Speed:	35 mph			
Speed Limit Change:	Yes, 5 mph increase			
Recommendation based on:	85th percentile speed, Option 1			
	(rounded down to 40 mph, then reduced another 5 mph, to 3	35 mph, due to high driveway density and ped/bike		
	safety)			
		PROFESSIONAL.		
CERTIFICATION: I, Ruth Smith,	do hereby certify that this Engineering and Traffic Survey w			
of Antioch was performed under my supervision, conforms to Sections 627 and 40802 of the California				
Vehicle Code and Section 2B.13 of the California Manual on Uniform Traffic Control Devices, and is				
accurate and complete. I am duly registered in the State of California as a Professional Engineer (Traffic)*:				
		PA FF		
		OF CAUPA		
Ma M. In	4/14/22			
Ruth Smith, TE, PTP TE 1650	Date			
* Contract services provided by Inte	arwest Consulting Group			
Contract services provided by inte	rwest Consuming Oroup			



Location:	E. 18th Street	Survey Date: April 7, 2021
Between:	Hillcrest Avenue & East City Limits	Segment No: 6
Direction of Travel:	East/West	
	Traffic Data	
Average Daily Traffic:	9,462	
Length of Segment (feet):	10,190	
Length of Segment (miles):	1.93	
Lane Configuration:	Two Lanes Each Direction	
Street Classification;	Arterial	
	Speed Survey Data	
85th Percentile:	50 mph	
10 mph Pace:	40-49 mph	
Posted Speed Limit:	45 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):		
Statewide Collision Rate:	0.93	
Conditions:	Conditions Not Readily Appare	ent
Roadway Geometrics:	141 121 121 121 121 121 121 121 121 121	
4-lane divided (raised median) and	4-lane undivided, with two-way left turn lane	
Comments:		
Residential density and ped/bike sa	afety	
Adjacent Land Use:	Residential / Commercial / Agricultural / Open Space	
	Recommendation	
Recommended Speed:	45 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded to 50 mph, then reduced by 5 mph, to 45 mph,	, due to residential density and ped/bike safety)
of Antioch was performed under n Vehicle Code and Section 2B.13 o	, do hereby certify that this Engineering and Traffic Surve ny supervision, conforms to Sections 627 and 40802 of the of the California Manual on Uniform Traffic Control Devi- registered in the State of California as a Professional Eng-	e California ces, and is
Mu Wh Am Ruth Smith, TE, PTP TE 1650	0 4/14/22 Date	
* Contract services provided by In	terwest Consulting Group	



Location:	Auto Center Drive	Survey Date: April 6, 2021
Between:	4th Street & 10th Street	Segment No: 7
Direction of Travel:	North/South	
	Traffic Data	
Average Daily Traffic:	3,752	
Length of Segment (feet):	2,325	
Length of Segment (miles):	0.44	
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with	n Median
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:		nit based on greater 85th percentile speed of 42 mph.
10 mph Pace:	NB: 33-42 mph / SB: 32-41 mph	
Posted Speed Limit:	35 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	0.91	
	Conditions Not Readily App	parent
Roadway Geometrics: 4-lane divided (raised median)		
4-lane divided (faised median)		
Comments:		
ped/bike safety		
Adjacent Land Use:	Commercial	
7 110 1	Recommendation	
Recommended Speed:	35 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option I (rounded 42 mph down to 40 mph, then reduced and	other 5 mph, to 35 mph, due to ped/bike safety)
of Antioch was performed under my Vehicle Code and Section 2B.13 of accurate and complete. I am duly re	do hereby certify that this Engineering and Traffic So v supervision, conforms to Sections 627 and 40802 of the California Manual on Uniform Traffic Control D egistered in the State of California as a Professional E	f the California levices, and is
Mah In DED TE 1650	4/14/22	
Ruth Smith, TE, PTP TE 1650	Date	
Contract services provided by Inte	rwest Consulting Group	



Location:	Auto Center Drive	Survey Date: April 9, 2021
Between:	SPRR & SR-4	Segment No: 8
Direction of Travel:	North/South	
	Traffic Data	
Average Daily Traffic:	20,864	
Length of Segment (feet):	1,745	
Length of Segment (miles):	0.33	
Lane Configuration:	Divided Roadway: Two Lanes Each Direction w	ith Median
Street Classification:	Arterial	
	Speed Survey Data	a
85th Percentile:		d limit based on greater 85th percentile speed of 42 mph.
10 mph Pace:	NB: 30-39 mph / SB: 29-38 mph	
Posted Speed Limit:	35 mph	
rosted opera zimit.	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	0.91	
State Wide Complete Face.	Conditions Not Readily A	nnarent
Conditions:	Conditions 1,00 2100 May 1	· ·
Roadway Geometrics:		
5-lane divided (raised median), 6-l	ane divided (raised median)	
Comments:		
trucks present and ped/bike safety		
Adjacent Land Use:	Commercial	
	Recommendation	
Recommended Speed:	35 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded 42 mph down to 40 mph, then reduced	by 5 mph, to 35 mph, due to trucks present and ped/bike safety)
of Antioch was performed under n Vehicle Code and Section 2B.13 o	, do hereby certify that this Engineering and Traffing supervision, conforms to Sections 627 and 4080 of the California Manual on Uniform Traffic Contrargistered in the State of California as a Profession 4/14/22	02 of the California ol Devices, and is
Ruth Smith, TE, PTP TE 1650		
* Contract services provided by In	terwest Consulting Group	



Location:	Buchanan Road	Survey Date: April 6, 2021
Between:	City Limits & Somersville Road	Segment No: 9
Direction of Travel:	East/West	
	Traffic Data	
Average Daily Traffic:	16,899	
Length of Segment (feet):	3,380	
Length of Segment (miles);	0.64	
Lane Configuration:	Single Lane Each Direction	
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	49 mph	
10 mph Pace:	41-50 mph	
Posted Speed Limit:	45 mph	
	Collision History	
Date Range;	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	0.62	
	Conditions Not Readily Apparent	
	ainted median), 3-lane divided (painted median)	
Comments: trucks present, not obvious dumping	g issue and ped/bike safety	
Adjacent Land Use:	High Density Residential / Commercial / Open Space	
	Recommendation	-
Recommended Speed:	45 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 2 (rounded up to 50 mph, then reduced by 5 mph, to 45 mph)	
of Antioch was performed under my Vehicle Code and Section 2B.13 of	do hereby certify that this Engineering and Traffic Survey within a supervision, conforms to Sections 627 and 40802 of the Califor the California Manual on Uniform Traffic Control Devices, and egistered in the State of California as a Professional Engineer (Traffic Control Devices) and Engi	nia is 1850 THE
* Contract services provided by Inte	rwest Consulting Group	



Location:	Buchanan Road	Survey Date: April 6, 2021
Between:	Somersville Road & Lucena Way	Segment No: 10
Direction of Travel:	East/West	
	Traffic Data	
Average Daily Traffic:	7,895	
Length of Segment (feet)	1,795	
Length of Segment (miles):	0.34	
Lane Configuration:	Divided Roadway: Two Lanes Each Direction wit	th Median
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	EB: 38 mph / WB: 40 mph. Recommended speed I	imit based on greater 85th percentile speed of 40 mph.
10 mph Pace:	EB: 29-38 mph / WB: 31-40 mph	
Posted Speed Limit:	35 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	0.91	
	Conditions Not Readily Ap	parent
Roadway Geometrics: 4-lane divided (raised median)		
Comments: Trucks present and ped/bike safety		
Trucks present and ped/once safety		
Adjacent Land Use:	Commercial / Medium Density Residential	7
	Recommendation	
Recommended Speed:	35 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded 40 mph down to 40 mph, then reduced b	y 5 mph, to 35 mph due to trucks present and ped/bike safety)
of Antioch was performed under n Vehicle Code and Section 2B.13 o		of the California Devices, and is



Location:	Buchanan Road	Survey Date: April 6, 2021
Between:	Lucena Way & Contra Loma Boulevard	Segment No: 11
Direction of Travel:	East/West	
	Traffic Data	
Average Daily Traffic:	10,338	
Length of Segment (feet):	4,910	
Length of Segment (miles):	0.93	
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Median	
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	EB: 38 mph / WB: 41. Recommended speed limit based on greater	85th percentile speed of 41 mph.
10 mph Pace:	EB: 30-39 mph / WB: 33-42 mph	
Posted Speed Limit:	35 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	0.91	
	Conditions Not Readily Apparent	
Conditions:	· · · ·	
Bike lanes and sidewalk on both sid	des of the road.	
-		
Roadway Geometrics:		
4-lane divided (raised median), bik	e lanes	
Comments:		
residential density and ped/bike saf	ety	
Adjacent Land Use:	Mixed Residential / Commercial	
rajacent Bana Ose.	Recommendation	
Recommended Speed:	35 mph	
Speed Limit Change:	No No	
Recommendation based on:	85th percentile speed, Option 1	
recommendation based on.	(rounded 41 mph down to 40 mph, then reduced by 5 mph, to 35 mp	ph. due to residential density and ned/bike
	safety)	p.,, and to residential design, and pedicine
		PROFESSIONAL
	do hereby certify that this Engineering and Traffic Survey within the	City WITHERS
	y supervision, conforms to Sections 627 and 40802 of the California	AND
	the California Manual on Uniform Traffic Control Devices, and is egistered in the State of California as a Professional Engineer (Traffic	1630
and any in	Soldier with state of Santonia as a Frontistian Engineer (France	"
l.		A FF
4 11. 1		OF CAD
Ma Midn	4/14/22	
Ruth Smith, TE, PTP TE 1650	Date	
* Contract complete	amuset Canadkina Craus	
<ul> <li>Contract services provided by Inte</li> </ul>	rwest Consulting Group	



Location:	Cavallo Road	Survey Date: April 7, 2021
Between:	E. Treagallas Road & 18th Street	Segment No: 12
Direction of Travel:	North/South	
	Traffic Data	
Average Daily Traffic	3,818	
Length of Segment (feet):	2,695	
Length of Segment (miles):	0.51	
Lane Configuration:	Single Lane Each Direction	
Street Classification:	Collector	
	Speed Survey Data	
85th Percentile:	37 mph	
10 mph Pace:	25-34 mph	
Posted Speed Limit:	25 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	1.60	
	Conditions Not Readily Appar	rent
Roadway Geometrics: 2-lane undivided		
Comments: on-street parking, high driveway de	ensity, residential density, and ped/bike safety	
Adjacent Land Use:	Residential	
	Recommendation	
Recommended Speed:	30 mph	
Speed Limit Change:	Yes, 5 mph increase	
Recommendation based on:	85th percentile speed, Option 1 (rounded down to 35 mph, then reduced another 5 mpl density, residential density, and ped/bike safety)	h, to 30 mph, due to on-street parking, high driveway
of Antioch was performed under m Vehicle Code and Section 2B.13 o	do hereby certify that this Engineering and Traffic Survey supervision, conforms to Sections 627 and 40802 of the California Manual on Uniform Traffic Control Devergistered in the State of California as a Professional En	the California vices, and is
* Contract services provided by Int	terwest Consulting Group	



Location:	Cavallo Road	Survey Date:	April 9, 2021
Between:	18th Street & Wilbur Avenue	Segment No:	
Direction of Travel:	North/South	_	
		=4	
	Traffic Data		
Average Daily Traffic:	4,134		
Length of Segment (feet):	2,695		
Length of Segment (miles):	0,51		
Lane Configuration:	Single Lane Each Direction		
Street Classification:	Collector		
	Speed Survey Data		
85th Percentile:	41 mph		
10 mph Pace:	29-38 mph		
Posted Speed Limit:	35 mph		
	Collision History		
Date Range:	January 1, 2018 - December 31, 2020		
Total Collisions:	0		
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate		
Statewide Collision Rate:	1.60		
Conditions:	Conditions Not Readily Apparent		
Roadway Geometrics:			
2-lane undivided, with bike lanes			
Comments: on-street parking, trucks present, re	sidential density, and ped/bike safety		
Adjacent Land Use:	Residential		
Aujacent Land Osc.		_	
Recommended Speed:	Recommendation 35 mph		
Speed Limit Change:	No		
Recommendation based on:	85th percentile speed, Option 1		
recommendation based on.	(rounded down to 40 mph, then reduced another 5 mph, to 35 mph, due to residential density, and ped/bike safety)	on-street parkin	g, trucks present,
of Antioch was performed under my Vehicle Code and Section 2B <sub>*</sub> 13 of	do hereby certify that this Engineering and Traffic Survey within the City vapervision, conforms to Sections 627 and 40802 of the California the California Manual on Uniform Traffic Control Devices, and is egistered in the State of California as a Professional Engineer (Traffic)*:		PROFESSIONAL INTTHENS OF THE PROFESSIONAL 1850 THE PROFESSIONAL OF CAULTURE
Ruth Smith, TE, PTP TE 1650			
Juliu, 12, 111 12 1000	Date		
* Contract services provided by Inte	rwest Consulting Group		



Location:	Dallas Ranch Road	Survey Date. April 7, 2021
Between:	Lone Tree Way & Mokelomne Drive	Segment No: 14
Direction of Travel:	North/South	
	Traffic Data	
Average Daily Traffic:	6,038	
Length of Segment (feet):	5,440	
Length of Segment (miles):	1.03	
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Media	an
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	NB: 48 mph / SB: 47 mph. Recommended speed limit bas	sed on greater 85th percentile speed of 48 mph.
10 mph Pace:	NB: 40-49 mph / SB: 38-47 mph	
Posted Speed Limit:	45 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	0.91	
	Conditions Not Readily Apparent	
Roadway Geometrics:		
4-lane divided (raised median) with	h bike lanes	
Comments:		
trucks present and ped/bike safety		
Adjacent Land Use:	Residential	
	Recommendation	
Recommended Speed:	45 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 2 (rounded 48 mph up to 50 mph, then reduced by 5 mph, to	o 45 mph)
of Antioch was performed under n Vehicle Code and Section 2B.13 o	, do hereby certify that this Engineering and Traffic Survey ny supervision, conforms to Sections 627 and 40802 of the O If the California Manual on Uniform Traffic Control Device registered in the State of California as a Professional Engine	California es, and is
Mulhom	4/14/22	
Ruth Smith, TE, PTP TE 1650	Date	
* Contract services provided by In	terwest Consulting Group	



Location:	Deer Valley Road	Survey Date: April 8, 2021
Between:	Hillcrest Avenue & Lone Tree Way	Segment No: 15
Direction of Travel:	North/South	
	TI 400 D	
A	Traffic Data	
Average Daily Traffic:	11,563	
Length of Segment (feet):	9,770	
Length of Segment (miles):	1.85	
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Medi	ian
Street Classification:	Arterial	
nea n an	Speed Survey Data	
85th Percentile:	NB: 52 mph / SB: 52 mph. Recommended speed limit bas	sed on greater 85th percentile speed of 52 mph.
10 mph Pace:	NB: 41-50 mph / SB: 43-52 mph	
Posted Speed Limit:	45 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	1	
Collision Rate (Accidents/MVM):	0.04, less than statewide collision rate	
Statewide Collision Rate:	0.91	
Conditions:	Conditions Not Readily Apparent	t
Roadway Geometrics:		
4-lane divided (raised median)		
Comments:		
residential density and ped/bike saf	ety	
Adjacent Land Use:	Mixed Residential / Commercial	
	Recommendation	
Recommended Speed:	45 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded 52 mph down to 50 mph, then reduced another 5 ped/bike safety)	i mph, to 45 mph, due to residential density and
of Antioch was performed under my Vehicle Code and Section 2B.13 of	do hereby certify that this Engineering and Traffic Survey by supervision, conforms to Sections 627 and 40802 of the California Manual on Uniform Traffic Control Devices registered in the State of California as a Professional Engine 4/14/22  Date	California s, and is
* Contract services provided by Inte	rwest Consulting Group	



Location:	Deer Valley Road	Survey Date: April 8, 2021
Between:	Lone Tree Way & Sand Creek Road	Segment No: 16
Direction of Travel:	North/South	
	Traffic Data	
Average Daily Traffic	13,030	
Length of Segment (feet):	4,280	
Length of Segment (miles):	0,81	
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Me	dian
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	NB: 49 mph / SB: 51 mph. Recommended speed limit	based on greater 85th percentile speed of 51 mph.
10 mph Pace:	NB: 39-48 / SB: 42-51 mph	
Posted Speed Limit:	45 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0,00, less than statewide collision rate	
Statewide Collision Rate:	0,91	
	Conditions Not Readily Appare	ent
Roadway Geometrics: 4-lane divided (raised median) with	h bike lanes	
Comments: trucks present, residential density,	and ned/hike safety	
nucks present, residential density,	and pediotice safety	
Adjacent Land Use:	Mixed Residential / Commercial	
	Recommendation	
Recommended Speed:	45 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded 51 mph down to 50 mph, then reduced by 5 m and ped/bike safety)	nph, to 45 mph, due to trucks present, residential density,
of Antioch was performed under m Vehicle Code and Section 2B,13 o accurate and complete. I am duly n  May May Ruth Smith, TE, PTP TE 1650		ices, and is
* Contract services provided by Int	terwest Consulting Group	



Location:	Delta Fair Boulevard	Survey Date: April 6, 2021
Between:	West City Limits & Belle Drive	Segment No: 17
Direction of Travel:	East/West	
	Traffic Data	
Average Daily Traffic:	10,429	
Length of Segment (feet):	1,430	
Length of Segment (miles);	0.27	
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with M	ledian
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	EB: 41 / WB: 41. Recommended speed limit based on	greater 85th percentile speed of 41 mph.
10 mph Pace:	EB: 33-42 mph / WB: 29-38 mph	
Posted Speed Limit:	35 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	0.93	
	Conditions Not Readily Appare	ent
Conditions:  No bike lanes and partial sidewalk.		
Roadway Geometrics:		
4-lane divided (raised median)		
Comments: residential density and ped/bike saf	ety	
Adjacent Land Use:	Mixed High Density Residential / Office	
	Recommendation	
Recommended Speed:	35 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded 41 mph down to 40 mph, then reduced anothe ped/bike safety)	er 5 mph, to 35 mph, due to residential density and
of Antioch was performed under my Vehicle Code and Section 2B.13 of accurate and complete. I am duly not seem to the section and the section of the section and the section of the section	do hereby certify that this Engineering and Traffic Survey supervision, conforms to Sections 627 and 40802 of the California Manual on Uniform Traffic Control Device is the State of California as a Professional Eng	e California ices, and is
Ruth Smith, TE, PTP TE 1650	Date	
* Contract services provided by Inte	rwest Consulting Group	



Location:	Delta Fair Boulevard	Survey Date: April 6, 2021
Between:	Kendree Street & Somersville Road	Segment No: 18
Direction of Travel:	East/West	<del>-</del>
	Traffic Data	
Average Daily Traffic:	11,885	
Length of Segment (feet):	2,855	
Length of Segment (miles):	0.54	
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Median	
Street Classification:	Arterial	
11.	Speed Survey Data	
85th Percentile:	EB: 36 mph / WB: 35 mph. Recommended speed limit based on great	ter 85th percentile speed of 36 mph.
10 mph Pace:	EB: 27-36 mph / WB: 26-35 mph	
Posted Speed Limit:	30 mph	
•	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	1	
Collision Rate (Accidents/MVM):	0.14, less than statewide collision rate	
Statewide Collision Rate:	0.93	
	Conditions Not Readily Apparent	
Conditions:		
No bike lanes, sidewalk on both sid	des of the road.	
Roadway Geometrics: 4-lane divided (raised median)		
Comments: on-street parking, high driveway d	ensity, residential density, and ped/bike safety	
Adjacent Land Use:	Commercial	
	Recommendation	
Recommended Speed:	30 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded 36 mph down to 35 mph, then reduced another 5 mph, to 30 driveway density, residential density, and ped/bike safety)	) mph, due to on-street parking, high
of Antioch was performed under m Vehicle Code and Section 2B.13 o	, do hereby certify that this Engineering and Traffic Survey within the one supervision, conforms to Sections 627 and 40802 of the California of the California Manual on Uniform Traffic Control Devices, and is registered in the State of California as a Professional Engineer (Traffic)  4/14/22  Date	1650
* Contract services provided by In	terwest Consulting Group	



Location:	Delta Fair Boulevard	Survey Date: April 7, 2021
Between:	Somersville Road & Buchanan Road	Segment No: 19
Direction of Travel:	North/South	_
	Traffic Data	
Average Daily Traffic:	12,839	
Length of Segment (feet):	1,480	
Length of Segment (miles):	0.28	
Lane Configuration:	Two Lanes Each Direction	
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	37 mph	
10 mph Pace:	28-37 mph	
Posted Speed Limit:	30 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0,00, less than statewide collision rate	
Statewide Collision Rate:	0,93	
	Conditions Not Readily Apparent	
Conditions:		
No bike lanes, sidewalk on both sid	les of the road.	
Roadway Geometrics:		
4-lane undivided		
Comments:		
ped/bike safety		
Adjacent Land Use:	Commercial	
	Recommendation	
Recommended Speed:	30 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded down to 35 mph, then reduced another 5 mph, to 30 mph, due to	o ped/bike safety)
of Antioch was performed under my Vehicle Code and Section 2B.13 of	do hereby certify that this Engineering and Traffic Survey within the City y supervision, conforms to Sections 627 and 40802 of the California the California Manual on Uniform Traffic Control Devices, and is egistered in the State of California as a Professional Engineer (Traffic)*:  4/14/22  Date	THENS OF CAMERINA
nace services provided by line		



Location:	Garrow Drive	Survey Date:	April 9, 2021
Between:	E. Tregallas Road & Davison Drive	Segment No:	20
Direction of Travel:	North/South	_	
	Traffic Data		
Average Daily Traffic:	2,333		
Length of Segment (feet):	4,490		
Length of Segment (miles):	0.85		
Lane Configuration:	Single Lane Each Direction		
Street Classification:	Collector		
	Speed Survey Data		
85th Percentile:	25 mph		
10 mph Pace:	17-26 mph		
Posted Speed Limit:	25 mph		
	Collision History		
Date Range:	January 1, 2018 - December 31, 2020		
Total Collisions:	0		
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate		
Statewide Collision Rate:	1.60		
	Conditions Not Readily Apparent		
Roadway Geometrics:			
2-lane undivided			
Comments:			
on-street parking, high driveway de	ensity, residential density, and ped/bike safety		
Adjacent Land Use:	Residential		
	Recommendation		
Recommended Speed:	25 mph		
Speed Limit Change:	No		
Recommendation based on:	85th percentile speed (rounded to 25 mph)		
of Antioch was performed under m Vehicle Code and Section 2B.13 o	do hereby certify that this Engineering and Traffic Survey within the Cy supervision, conforms to Sections 627 and 40802 of the California f the California Manual on Uniform Traffic Control Devices, and is registered in the State of California as a Professional Engineer (Traffic).	City	WOPESSOUR THENS COR 1650 IN THE PROPERTY OF CAUPMAN
Ruth Smith, TE, PTP TE 1650	4/14/22 Date		
* Contract services provided by Int	erwest Consulting Group		



Location;	Hillcrest Avenue	Survey Date: April 8, 2021
Between:	18th Street & Sunset Drive	Segment No: 21
Direction of Travel:	North/South	
	Tueffe Date	
Average Daily Traffic:	Traffic Data	
Length of Segment (feet):	2,430	
Length of Segment (miles):	0.46	
Lane Configuration:		
Street Classification:	Divided Roadway: Two Lanes Each Direction with Median	
Street Classification:	Arterial	
85th Percentile:	Speed Survey Data	PA PAPER CONTROL OF THE STREET AND A STREET
25000 T	NB: 45 mph / SB: 45 mph. Recommended speed limit based on g	reater 85th percentile speed of 45 mph.
10 mph Pace:	NB: 35-44 mph / SB: 35-44 mph	
Posted Speed Limit:	40 mph	
Data Barani	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:		
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	0.91	
Conditions:	Conditions Not Readily Apparent	
Roadway Geometrics:		
4-lane divided (raised median) with	bike lanes	
Comments:		
ped/bike safety		
Adjacent Land Use:	Mixed Residential / Commercial	
	Recommendation	
Recommended Speed:	40 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded 45 mph down to 45 mph, then reduced by 5 mph, to 40 m	nph, due to ped/bike safety)
of Antioch was performed under my Vehicle Code and Section 2B.13 of	do hereby certify that this Engineering and Traffic Survey within the supervision, conforms to Sections 627 and 40802 of the California the California Manual on Uniform Traffic Control Devices, and is egistered in the State of California as a Professional Engineer (Traffic Control Devices) and Engineer (Traffic Control Devices) and is egistered in the State of California as a Professional Engineer (Traffic Control Devices) and Engineer (Traffi	1850 1850 TH
* Contract services provided by Inte	rwest Consulting Group	



Location:	Hillcrest Avenue	Survey Date:	April 9, 2021
Between:	Sunset Drive & Davison Drive	Segment No:	22
Direction of Travel;	North/South	_	
	TE SE DA		
Average Daily Traffic:	Traffic Data 36,441		
Length of Segment (feet):	2,905		
Length of Segment (miles):	0.55		
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Median		
Street Classification:	Arterial		
	Speed Survey Data		
85th Percentile:	NB: 46 mph / SB: 45 mph. Recommended speed limit based on greater	85th percentile s	peed of 46 mph.
10 mph Pace:	NB: 35-44 mph / SB: 35-44 mph		
Posted Speed Limit:	45 mph		
	Collision History		
Date Range:	January 1, 2018 - December 31, 2020		
Total Collisions:	1		
Collision Rate (Accidents/MVM):	0.05, less than statewide collision rate		
Statewide Collision Rate:	0.91		
	Conditions Not Readily Apparent		
Conditions: Bike lanes and sidewalk on both sidewalk	des of road.		
Roadway Geometrics: 6-lane divided (raised median) with	h bike lanes		
Comments: trucks present and ped/bike safety			
Adjacent Land Use:	Mixed Residential / Commercial		
	Recommendation		
Recommended Speed:	40 mph		
Speed Limit Change:	Yes, 5 mph decrease		
Recommendation based on:	85th percentile speed, Option 1 (rounded 46 mph down to 45 mph, then reduced another 5 mph, to 40 m safety)	nph, due to truck	s present and ped/bike
of Antioch was performed under m Vehicle Code and Section 2B.13 o	do hereby certify that this Engineering and Traffic Survey within the City supervision, conforms to Sections 627 and 40802 of the California f the California Manual on Uniform Traffic Control Devices, and is registered in the State of California as a Professional Engineer (Traffic)*:  4/14/22  Date	REGISTION	MORESSONIA THENS OF EAUTOMAT  AAFFICALLE  AFFICALLE  A
* Contract services provided by Int	terwest Consulting Group		



Location:	Hillcrest Avenue	Survey Date:	April 8, 2021
Between:	Davison Drive & Lone Tree Way	Segment No:	23
Direction of Travel	North/South	>:	-
r			
	Traffic Data		
Average Daily Traffic:	11,626		
Length of Segment (feet):	9,770		
Length of Segment (miles):	1.85		
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Median		
Street Classification:	Arterial		
	Speed Survey Data		
85th Percentile:	NB: 45 mph / SB: 46 mph. Recommended speed limit based on greater to	85th percentile s	peed of 46 mph.
10 mph Pace:	NB: 34-43 mph / SB: 35-44 mph		
Posted Speed Limit:	45 mph		
	Collision History		
Date Range:	January 1, 2018 - December 31, 2020		
Total Collisions:	1		
Collision Rate (Accidents/MVM):	0,04, less than statewide collision rate		
Statewide Collision Rate:	0.91		
	Conditions Not Readily Apparent		
Conditions:			
Bike lanes and sidewalk on both sid	des of road.		
Roadway Geometrics:			
4-lane divided (raised median) with	bike lanes		
Comments:			
trucks present and ped/bike safety			
Adjacent Land Use:	Mixed Residential / Commercial / Open Space		
	Recommendation		
Recommended Speed:	40 mph		
Speed Limit Change:	Yes, 5 mph decrease		
Recommendation based on:	85th percentile speed, Option 1 (rounded 46 mph down to 45 mph, then reduced by 5 mph, to 40 mph, do	ie to trucks prese	ent and ped/bike safety)
of Antioch was performed under my Vehicle Code and Section 2B,13 of accurate and complete. I am duly research that we have the same accurate and complete. The same accurate	do hereby certify that this Engineering and Traffic Survey within the City y supervision, conforms to Sections 627 and 40802 of the California the California Manual on Uniform Traffic Control Devices, and is egistered in the State of California as a Professional Engineer (Traffic)*:  4/14/22  Date	//	PANESSIONAL THEMS OF THEMS OF CAUSEMENT AND THE CONTRACT OF CAUSEM
<ul> <li>Contract services provided by Inte</li> </ul>	rwest Consulting Group		



Location:	James Donlon Boulevard	Survey Date:	April 7, 2021
Between:	Somersville Road & Contra Loma Boulevard	Segment No:	24
Direction of Travel:	East/West		
	Traffic Data		
Average Daily Traffic	9,541		
Length of Segment (feet):	8,240		
Length of Segment (miles):	1.56		
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Median		
Street Classification:	Arterial		
	Speed Survey Data		
85th Percentile:	EB: 50 mph / WB: 52 mph. Recommended speed limit base	d on greater 85th percentile	speed of 52 mph.
10 mph Pace:	EB: 41-50 mph / WB: 41-50 mph		
Posted Speed Limit:	40 mph		
•	Collision History		
Date Range:	January 1, 2018 - December 31, 2020		
Total Collisions:	0		
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate		
Statewide Collision Rate:	0.91		
	Conditions Not Readily Apparent		
Roadway Geometrics: 4-lane divided (raised median) with	h bike lanes		
Comments: trucks present and ped/bike safety			
Adjacent Land Use:	Mixed Residential / Commercial / Open Space		
	Recommendation		
Recommended Speed:	45 mph		
Speed Limit Change:	Yes, 5 mph increase		
Recommendation based on:	85th percentile speed, Option 1 (rounded 52 mph down to 50 mph, then reduced another 5 m safety)	nph, to 45 mph, due to trucks	s present and ped/bike
of Antioch was performed under n Vehicle Code and Section 2B.13 o	, do hereby certify that this Engineering and Traffic Survey we supervision, conforms to Sections 627 and 40802 of the California Manual on Uniform Traffic Control Devices, a registered in the State of California as a Professional Engineer   4/14/22  Date	ithin the City lifornia and is	PROFESSIONAL PROFE
* Contract services provided by In:	terwest Consulting Group		



Location:	James Donlon Boulevard	Survey Date:	April 9, 2021
Between:	Contra Loma Boulevard & Lone Tree Way	Segment No:	25
Direction of Travel:	East/West	_	-
	(D. 109 D.		
Assess Dell Trace	Traffic Data		
Average Daily Traffic:	13,834		
Length of Segment (feet):	8,240		
Length of Segment (miles):	1,56		
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Median		
Street Classification:	Arterial		
	Speed Survey Data		
85th Percentile:	EB: 46 mph / WB: 47 mph. Recommended speed limit based on greate	r 85th percentile s	speed of 47 mph.
10 mph Pace:	EB: 37-46 mph / WB: 37-46 mph		
Posted Speed Limit:	40 mph		
	Collision History		
Date Range:	January 1, 2018 - December 31, 2020		
Total Collisions:	0		
Collision Rate (Accidents/MVM):	0,00, less than statewide collision rate		
Statewide Collision Rate:	0,91		
	Conditions Not Readily Apparent		
Roadway Geometrics:			
4-lane divided (raised median) with	n bike lanes		
Comments:			
residential density and ped/bike saf	ety		
Adjacent Land Use:	Mixed Residential / Open Space		
	Recommendation		
Recommended Speed:	40 mph		
Speed Limit Change:	No		
Recommendation based on:	85th percentile speed, Option 1 (rounded 47 mph down to 45 mph, then reduced another 5 mph, to 40 m ped/bike safety)	uph, due to resider	itial density and
of Antioch was performed under my Vehicle Code and Section 2B.13 of	do hereby certify that this Engineering and Traffic Survey within the City supervision, conforms to Sections 627 and 40802 of the California the California Manual on Uniform Traffic Control Devices, and is egistered in the State of California as a Professional Engineer (Traffic)*:  4/14/22  Date	//	1650 TAFF CAUFMIN
* Contract services provided by Inte	erwest Consulting Group		



Location:	Lone Tree Way	Survey Date: April 7, 2021
Between:	SR-4 & Putnam Street	Segment No: 26
Direction of Travel:	North/South	
	Traffic Data	
Average Daily Traffic:	28,215	
Length of Segment (feet):	1,745	
Length of Segment (miles):	0.33	
Lane Configuration:	Divided Roadway: Two Lanes Each Directio	n with Median
Street Classification:	Arterial	
	Speed Survey D	
85th Percentile:	NB: 39 mph / SB: 40 mph. Recommended sp	eed limit based on greater 85th percentile speed of 40 mph.
10 mph Pace:	NB: 30-39 mph / SB: 30-39 mph	
Posted Speed Limit:	35 mph	
	Collision Histo	ry
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	0.91	
	Conditions Not Readily	Apparent
Roadway Geometrics: 4-lane divided (raised median) with	ı bike lanes	
Comments: Bike lanes, including Sharrows on	both sides of road, although bicyclists not obse	erved.
Adjacent Land Use:	Commercial	
	Recommendat	ion
Recommended Speed:	35 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded 40 mph down to 40 mph, then reduced to 10 mph, then reduced t	ped by 5 mph, to 35 mph, due to ped/bike safety)
of Antioch was performed under m Vehicle Code and Section 2B.13 o	, do hereby certify that this Engineering and Tr. ny supervision, conforms to Sections 627 and 41 If the California Manual on Uniform Traffic Co registered in the State of California as a Profess  4/14/22 Date	0802 of the California ntrol Devices, and is
* Contract services provided by In	terwest Consulting Group	



Location:	Lone Tree Way	Survey Date: April 7, 2021
Between:	Putnam Street & James Donlon Boulevard	Segment No: 27
Direction of Travel:	North/South	
	Traffic Data	
Average Daily Traffic:	27,014	
Length of Segment (feet):	4,805	
Length of Segment (miles):	0.91	
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Median	
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	NB: 45 mph / SB: 45 mph. Recommended speed limit based on grea	ter 85th percentile speed of 45 mph.
10 mph Pace:	NB: 34-43 mph / SB: 36-45 mph	
Posted Speed Limit:	35 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	0,91	
	Conditions Not Readily Apparent	
Roadway Geometrics: 4-lane divided (raised median) with	bike lanes / 5-lane divided (raised median) with bike lanes	
Comments:	ensity, trucks present, and residential density	
on-street parking, high driveway de	msity, trucks present, and residential density	
Adjacent Land Use:	Mixed Residential / Commercial	
	Recommendation	
Recommended Speed:	40 mph	
Speed Limit Change:	Yes, 5 mph increase	
Recommendation based on:	85th percentile speed, Option 1 (rounded 45 mph down to 45 mph, then reduced by 5 mph, to 40 mph density, trucks present, and residential density)	, due to on-street parking, high driveway
of Antioch was performed under my Vehicle Code and Section 2B.13 of	do hereby certify that this Engineering and Traffic Survey within the Cy supervision, conforms to Sections 627 and 40802 of the California the California Manual on Uniform Traffic Control Devices, and is egistered in the State of California as a Professional Engineer (Traffic)  4/14/22  Date	THE THE PERSON AND TH
<ul> <li>Contract services provided by Inte</li> </ul>	rwest Consulting Group	



Location:	Lone Tree Way	Survey Date: April 9, 2021
Between:	James Donlon Boulevard & Deer Valley Road	Segment No: 28
Direction of Travel:	North/South	<del></del>
	Traffic Data	
Average Daily Traffic:	32,115	
Length of Segment (feet):	9,505	
Length of Segment (miles):	1.80	
Lane Configuration:	Divided Roadway: Three Lanes Each Direction with Median	n
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	NB: 51 mph / SB: 49 mph. Recommended speed limit based	on greater 85th percentile speed of 51 mph.
10 mph Pace:	NB: 42-51 mph / SB: 40-49 mph	
Posted Speed Limit:	45 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	0.98	
	Conditions Not Readily Apparent	
6-lane divided (raised median) with Comments: trucks present and ped/bike safety	h bike route (sharrows)	
Adjacent Land Use:	Mixed Residential / Commercial	
	Recommendation	
Recommended Speed:	45 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded 51 mph down to 50 mph, then reduced by 5 mph, t	to 45 mph, due to trucks present and ped/bike safety)
of Antioch was performed under n Vehicle Code and Section 2B.13 o accurate and complete. I am duly  May May Ruth Smith, TE, PTP TE 1650		lifornia and is
* Contract services provided by In	terwest Consulting Group	



Location:	Lone Tree Way	Survey Date: April 8, 2021
Between:	Deer Valley Road & East City Limits	Segment No: 29
Direction of Travel:	East/West	
	Traffic Data	
Average Daily Traffic:	22,602	
Length of Segment (feet):	13,520	
Length of Segment (miles):	2.56	
Lane Configuration:	Divided Roadway: Three Lanes Each Direction with Media	an
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	EB: 50 mph / WB: 51 mph. Recommended speed limit bas	sed on greater 85th percentile speed of 51 mph.
10 mph Pace:	EB: 39-48 mph / WB: 41-50 mph	
Posted Speed Limit:	45 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	1	
Collision Rate (Accidents/MVM):	0.02, less than statewide collision rate	
Statewide Collision Rate:	0.98	
	Conditions Not Readily Apparent	
Roadway Geometrics:		
6-lane divided (raised median) with	bike route (sharrows)	
Comments:		
trucks present, residential density, a	and ped/bike safety	
Adjacent Land Use:	Mixed Residential / Commercial / Open Space	
	Recommendation	
Recommended Speed:	45 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option I (rounded 51 mph down to 50 mph, then reduced by 5 mph, and ped/bike safety)	to 45 mph, due to trucks present, residential density,
of Antioch was performed under my Vehicle Code and Section 2B,13 of accurate and complete. I am duly not seem to be accurate and complete. I am duly not seem to be accurate and complete. Tam duly not seem to be accurate and complete. I am duly not seem to be accurate and complete. I am duly not seem to be accurate and complete. I am duly not seem to be accurate and complete. The seem to be accurate as a seem	do hereby certify that this Engineering and Traffic Survey wy supervision, conforms to Sections 627 and 40802 of the Ca the California Manual on Uniform Traffic Control Devices, egistered in the State of California as a Professional Engineer   4/14/22  Date	and is
* Contract services provided by Inte	erwest Consulting Group	



Location:	Pittsburg-Antioch (W. 10th Street)	Survey Date: April 7, 2021
Between:	West City Limits & Auto Center Drive	Segment No: 30
Direction of Travel:	East/West	-
	Traffic Data	
Average Daily Traffic:	9,884	
Length of Segment (feet):	3,910	
Length of Segment (miles):	0.74	
Lane Configuration:	Single Lane Each Direction	
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	53 mph	
10 mph Pace:	44-53 mph	
Posted Speed Limit:	50 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	1.60	-
	Conditions Not Readily Apparent	
Roadway Geometrics:		
2-lane undivided with two-way lef	t turn lane	
Comments:		
trucks present and ped/bike safety		
Adjacent Land Use:	Commercial	
	Recommendation	
Recommended Speed:	50 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 2 (rounded up to 55 mph, then reduced by 5 mph, to 50 mph)	
of Antioch was performed under m Vehicle Code and Section 2B.13 o	, do hereby certify that this Engineering and Traffic Survey within the City supervision, conforms to Sections 627 and 40802 of the California f the California Manual on Uniform Traffic Control Devices, and is registered in the State of California as a Professional Engineer (Traffic)*:	1650 TH
Ruth Smith, TE, PTP TE 1650		
* Contract services provided by Int	terwest Consulting Group	



Location:	Somersville Road	Survey Date: April 7, 2021				
Between:	SR-4 & Buchanan Road	Segment No: 31				
Direction of Travel:	rection of Travel: North/South					
	Traffic Data					
Average Daily Traffic:	12,365					
Length of Segment (feet):	2,855					
Length of Segment (miles):	0.54					
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Median					
Street Classification:	Arterial					
	Speed Survey Data					
85th Percentile:	NB: 34 mph / SB: 37 mph. Recommended speed limit based on greater	er 85th percentile speed of 37 mph.				
10 mph Pace:	NB: 26-35 mph / 28-37 mph					
Posted Speed Limit:	35 mph					
	Collision History					
Date Range:	January 1, 2018 - December 31, 2020					
Total Collisions:	0					
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate					
Statewide Collision Rate:	0.91	g g				
	Conditions Not Readily Apparent					
Conditions:						
No bike lanes, sidewalk on both sic	les of road.					
Roadway Geometrics:						
5-lane divided (raised median) / 4-l	ane divided (raised median)					
Comments:						
trucks present and ped/bike safety						
Adjacent Land Use:	Commercial					
	Recommendation					
Recommended Speed:	35 mph					
Speed Limit Change:	No					
Recommendation based on:	85th percentile speed					
	(rounded 37 mph down to 35 mph and took no further reductions)					
OFFITTION I P II C 11		PROFESSIONAL				
	do hereby certify that this Engineering and Traffic Survey within the Ci y supervision, conforms to Sections 627 and 40802 of the California					
	the California Manual on Uniform Traffic Control Devices, and is	REGISTAL THE THE PROPERTY OF T				
	egistered in the State of California as a Professional Engineer (Traffic)*	1650 ±				
		1000				
		ATE OF CAUTON				
M. Wa h.	44440	VI 901				
Mu M An. Ruth Smith, TE, PTP TE 1650	<u>4/14/22</u>					
Kum Smith, 1E, FIF TE 1650	Date	*				
* Contract services provided by Inte	erwest Consulting Group					
profided by file	The Companies Crowp					



Location:	Wilbur Avenue	Survey Date: April 8, 2021
Between:	Cavallo Road & 1600 ft east of Minaker Drive	Segment No: 32
Direction of Travel:	<del></del>	
	Traffic Data	
Average Daily Traffic:	6,782	
Length of Segment (feet):	3,115	
Length of Segment (miles):	0.59	
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Median	
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	EB: 46 mph / WB: 47 mph. Recommended speed limit based	on greater 85th percentile speed of 47 mph,
10 mph Pace:	EB: 37-46 mph / 38-47 mph	
Posted Speed Limit:	40 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	0.91	
	Conditions Not Readily Apparent	
Roadway Geometrics: 4-lane divided (raised median) with	h bike lanes	
Comments: trucks present, residential density,	and ped/bike safety	
Adjacent Land Use:	Mixed Residential / Commercial / Industrial	
	Recommendation	
Recommended Speed:	40 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded 47 mph down to 45 mph, then reduced another 5 mp density, and ped/bike safety)	ph, to 40 mph, due to trucks present, residential
of Antioch was performed under m Vehicle Code and Section 2B.13 o	, do hereby certify that this Engineering and Traffic Survey with ny supervision, conforms to Sections 627 and 40802 of the Calif of the California Manual on Uniform Traffic Control Devices, ar registered in the State of California as a Professional Engineer (	formia nd is 1650
Ruth Smith, TE, PTP TE 1650		
* Contract services provided by ln	terwest Consulting Group	



Location:	Wilbur Avenue	Survey Date: April 9, 2021
Between:	1600 ft east of Minaker Drive & East City Limits	Segment No: 33
Direction of Travel:	East/West	
D 1 m m	Traffic Data	
Average Daily Traffic:	5,248	
Length of Segment (feet):	3,910	
Length of Segment (miles):	0.74	
Lane Configuration:	Single Lane Each Direction	
Street Classification:	Arterial	
	Speed Survey Data	
85th Percentile:	52 mph	
10 mph Pace:	41-50 mph	
Posted Speed Limit:	45 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	1.32	
	Conditions Not Readily Apparent	
Conditions:		
Roadway Geometrics:		
2-lane undivided / 2-lane divided (r	aised median)	
Comments:		
trucks present		
Adjacent Land Use:	Mixed Commercial / Industrial / Open Space	
	Recommendation	
Recommended Speed:	45 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded down to 50 mph, then reduced another 5 mph, to 45 mph, due to	o trucks present)
of Antioch was performed under my Vehicle Code and Section 2B.13 of accurate and complete. I am duly research that we have the section of the section and the section accurate and complete. I am duly research that we have the section and the section accurate and complete. I am duly research that we have the section accurate and complete and the section accurate and complete accurate and complete accurate and complete accurate and complete accurate ac	do hereby certify that this Engineering and Traffic Survey within the City supervision, conforms to Sections 627 and 40802 of the California the California Manual on Uniform Traffic Control Devices, and is egistered in the State of California as a Professional Engineer (Traffic)*:  4/14/22  Date	THENS OF CAUTOMIN
<ul> <li>Contract services provided by Inte</li> </ul>	rwest Consulting Group	



Location:	Wild Horse Road Survey Date: April 9, 2021
Between:	Hillcrest Avenue & Wild Horse Road Easterly Terminus Segment No: 34
Direction of Travel:	East/West
	Traffic Data
Average Daily Traffic:	3,375
Length of Segment (feet)	4,645
Length of Segment (miles):	0,88
Lane Configuration:	Divided Roadway: Two Lanes Each Direction with Median
Street Classification	Collector
	Speed Survey Data
85th Percentile:	EB: 49 / WB: 43. Recommended speed limit based on greater 85th percentile speed of 49 mph.
10 mph Pace:	EB: 39-48 mph / WB: 32-41 mph
Posted Speed Limit:	45 mph
	Collision History
Date Range:	January 1, 2018 - December 31, 2020
Total Collisions:	0
Collision Rate (Accidents/MVM):	0,00, less than statewide collision rate
Statewide Collision Rate:	0.91
	Conditions Not Readily Apparent
Conditions:	
	h bike lanes / 2-lane divided (painted median) with bike lanes
Roadway Geometrics:	
Comments:	
residential density and ped/bike sa:	fety
Adjacent Land Use:	Mixed Residential / Commercial / Open Space
	Recommendation
Recommended Speed:	45 mph
Speed Limit Change:	No
Recommendation based on:	85th percentile speed, Option 2 (rounded 49 mph up to 50 mph, then reduced by 5 mph, to 45 mph)
of Antioch was performed under m Vehicle Code and Section 2B.13 o accurate and complete. I am duly  MacMan Ruth Smith, TE, PTP TE 1650	
* Contract services provided by Int	terwest Consulting Group



Location:	Worrell Road	Survey Date: April 8, 2021
Between:	Lone Tree Way & Garrow Drive	Segment No: 35
Direction of Travel:		
	TE CE D	
Average Daily Traffic:	Traffic Data	
	1,506	
Length of Segment (feet):	2,800	
Length of Segment (miles):	0,53	
Lane Configuration:	Single Lane Each Direction	
Street Classification:	Collector	
	Speed Survey Data	
85th Percentile:	31 mph	
10 mph Pace:	23-32 mph	
Posted Speed Limit:	25 mph	
	Collision History	
Date Range:	January 1, 2018 - December 31, 2020	
Total Collisions:	0	
Collision Rate (Accidents/MVM):	0.00, less than statewide collision rate	
Statewide Collision Rate:	1,60	
	Conditions Not Readily Apparent	
Roadway Geometrics: 2-lane undivided. Vertical curve be	tween Roosevelt Lane and Garrow Drive,	
Comments: on-street parking, high driveway de	ensity, not obvious vertical curve, and residential density	
Adjacent Land Use:	Mixed Residential / Commercial / Public Institution	
	Recommendation	
Recommended Speed:	25 mph	
Speed Limit Change:	No	
Recommendation based on:	85th percentile speed, Option 1 (rounded down to 30 mph, then reduced another 5 mph, to density, not obvious vertical curve, and residential density)	
of Antioch was performed under m Vehicle Code and Section 2B.13 of accurate and complete. I am duly r May May Ruth Smith, TE, PTP TE 1650	do hereby certify that this Engineering and Traffic Survey of supervision, conforms to Sections 627 and 40802 of the Country the California Manual on Uniform Traffic Control Devices egistered in the State of California as a Professional Engineer 4/14/22  Date	California e, and is
* Contract services provided by Into	erwest Consulting Group	

# APPENDIX D

**Speed Survey Data Sheets** 

#### **Spot Speed Study**

Prepared by: National Data & Surveying Services

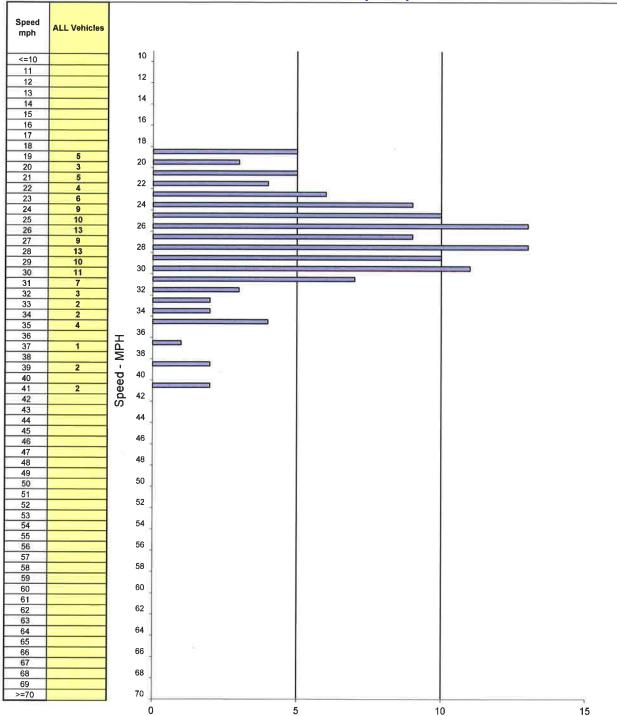
#### **City of Antioch**

DATE: 4/8/2021

Location: W 2nd St Bet. L St & G St

TIME: 14:45-16:00 Posted Speed: 25 MPH Clear/Dry Project #: 21-080049-054

#### **Eastbound & Westbound Spot Speeds**



SPEED PARAMETERS										
	50th 85th 10 MPH Percent in									
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace	
ALŁ	121	19 - 41	27 mph	31 mph	22 - 31	92	76%	10% / 13	14% / 16	

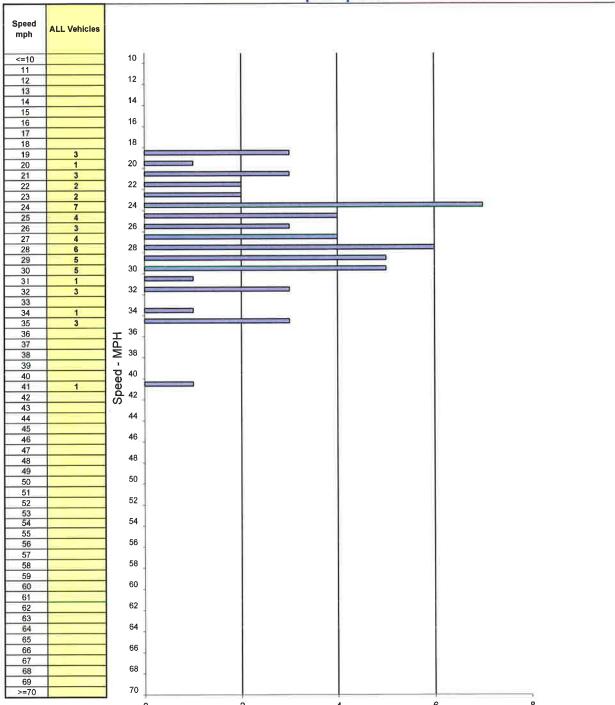
#### **City of Antioch**

**DATE: 4/8/2021** 

Location: W 2nd St Bet. L St & G St

TIME: 14:45-16:00 Posted Speed: 25 MPH Clear/Dry Project #: 21-080049-054

#### **Eastbound Spot Speeds**



SPEED PARAMETERS										
	50th 85th 10 MPH Percent in									
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace	
ALL	54	19 - 41	27 mph	31 mph	21 - 30	41	76%	7% / 4	17% / 9	

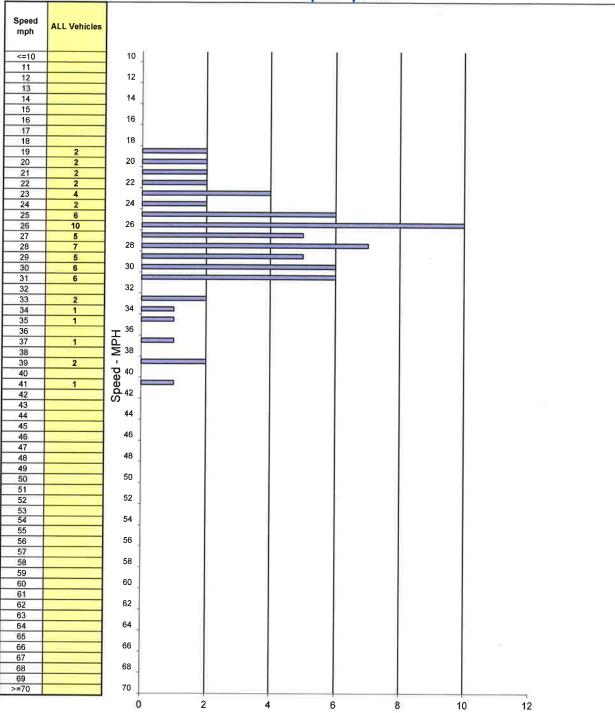
#### **City of Antioch**

DATE: 4/8/2021

Location: W 2nd St Bet. L St & G St

TIME: 14:45-16:00 Posted Speed: 25 MPH Clear/Dry Project #: 21-080049-054

#### **Westbound Spot Speeds**



SPEED PARAMETERS										
			50th	85th	10 MPH		Percent in			
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace	
ALL	67	19 - 41	27 mph	31 mph	22 - 31	53	79%	8% / 6	12% / 8	

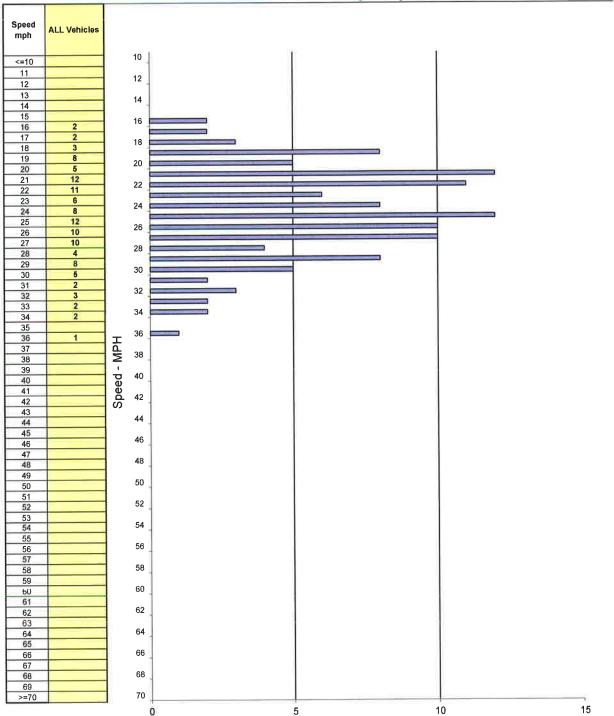
#### **City of Antioch**

DATE: 4/8/2021

Location: W 4th St Bet. L St & C St

Posted Speed: 25 MPH Clear/Dry Project #: 21-080049-028 TIME: 12:35-14:35

#### **Eastbound & Westbound Spot Speeds**



Number of Vehicles

SPEED PARAMETERS										
			50th	85th	10 MPH		Percent in			
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace	
ΔΙΙ	116	16 - 36	25 mph	29 mph	19 - 28	86	74%	6% /7	20% / 23	

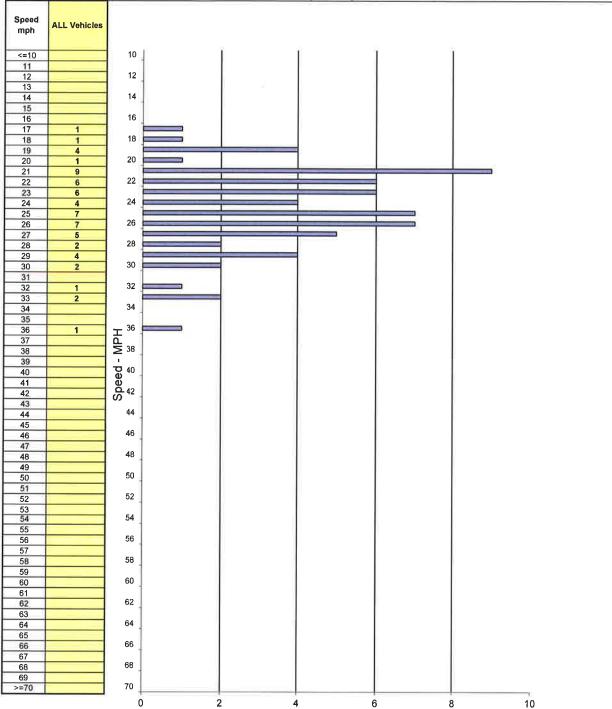
#### **City of Antioch**

DATE: 4/8/2021

Location: W 4th St Bet. L St & C St

TIME: 12:35-14:35 Posted Speed: 25 MPH Clear/Dry Project #: 21-080049-028

#### **Eastbound Spot Speeds**



SPEED PARAMETERS									
			50th	85th	10 MPH		Percent in		
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace
ALL	63	17 - 36	24 mph	29 mph	21 - 30	52	83%	11% /7	7% /4

### City of Antioch

DATE: 4/8/2021

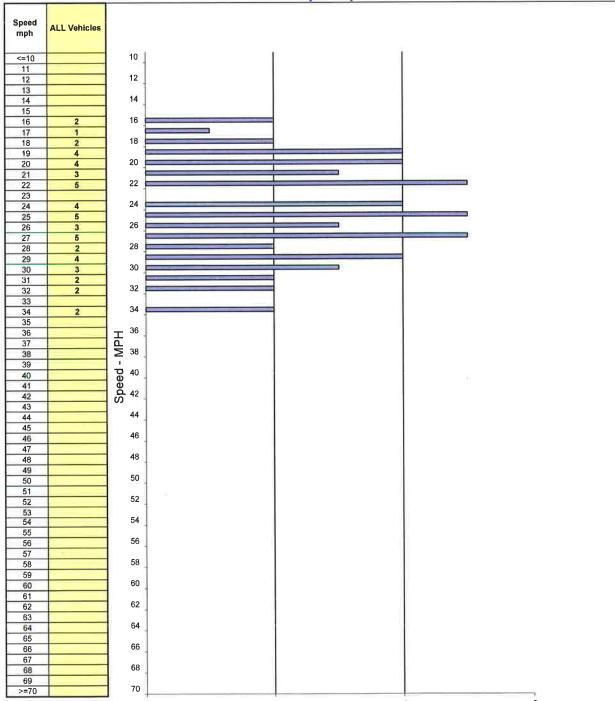
Location: W 4th St Bet. L St & C St

TIME: 12:35-14:35 Posted Speed: 25 MPH

Clear/Dry

Project #: 21-080049-028

## **Westbound Spot Speeds**



	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	53	16 - 34	25 mph	30 mph	18 - 27	35	66%	5% / 3	29% / 15				

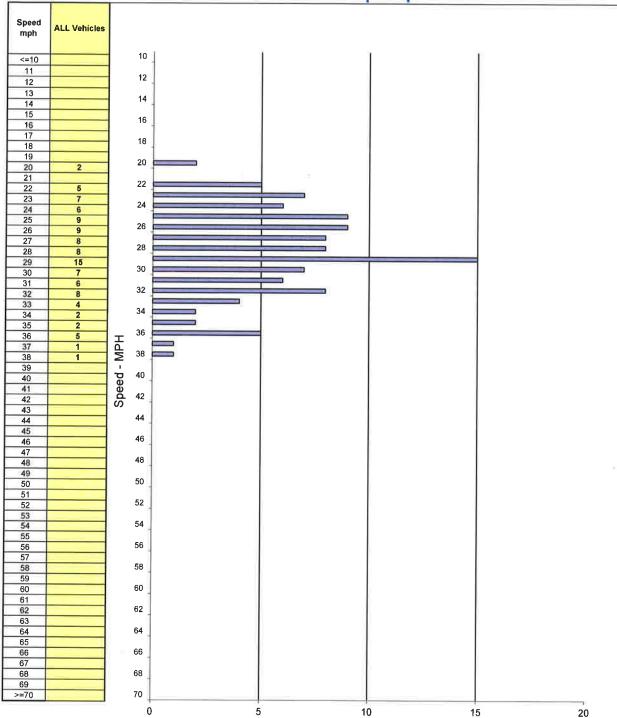
### **City of Antioch**

DATE: 4/7/2021

Location: W 6th St Bet. L St & A St

TIME: 10:05-12:05 Posted Speed: 25 MPH Clear/Dry Project #: 21-080049-055

## **Eastbound & Westbound Spot Speeds**



	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	105	20 - 38	28 mph	32 mph	23 - 32	83	79%	6% / 7	15% / 15				

### **City of Antioch**

DATE: 4/7/2021

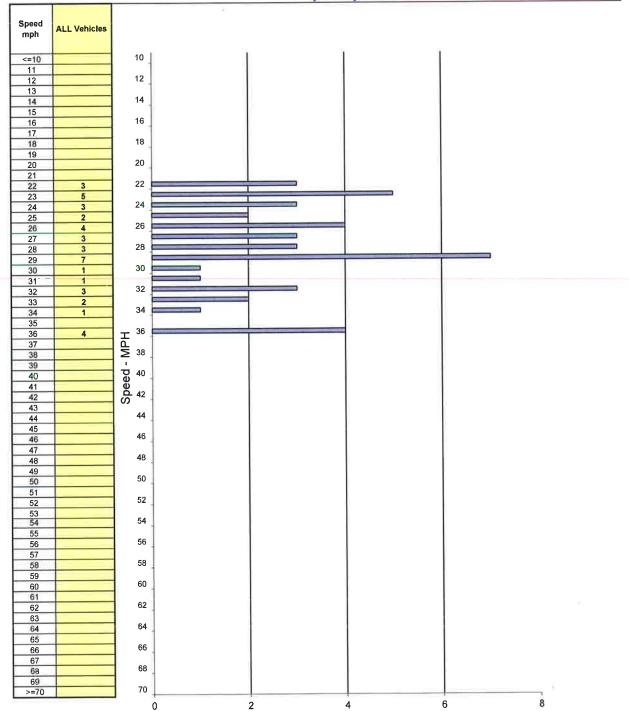
Location: W 6th St Bet. L St & A St

Posted Speed: 25 MPH TIME: 10:05-12:05

Clear/Dry

Project #: 21-080049-055

## **Eastbound Spot Speeds**



	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in	0/ /# Palau Paga	% / # Above Pace			
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace				
ALL	42	22 - 36	28 mph	33 mph	22 - 31	32	76%	0% / 0	24% / 10			

### City of Antioch

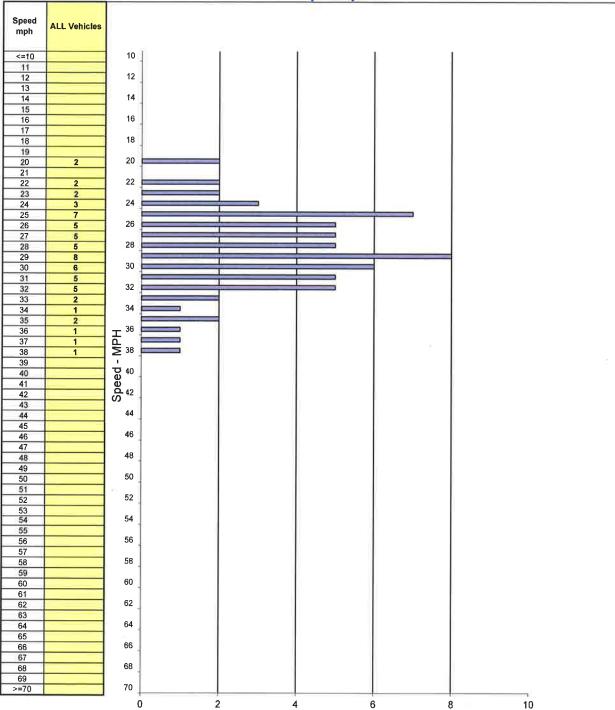
DATE: 4/7/2021

Location: W 6th St Bet. L St & A St

TIME: 10:05-12:05 Posted Speed: 25 MPH Clear/Dry

Project #: 21-080049-055

## **Westbound Spot Speeds**



	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	63	20 - 38	29 mph	32 mph	23 - 32	51	81%	6% / 4	13% / 8				

## **Spot Speed Study**

Prepared by: National Data & Surveying Services

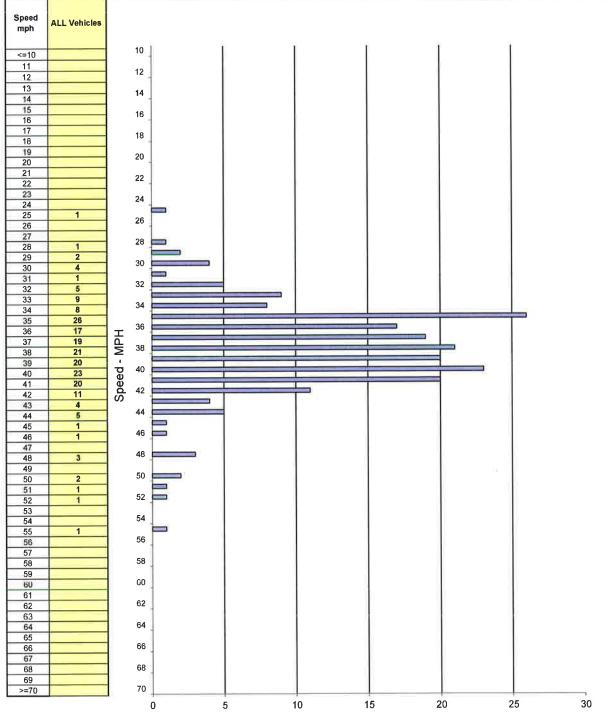
### City of Antioch

DATE: 4/7/2021

Location: W 10th St Bet. Auto Center Dr & L St

TIME: 10:10-10:55 Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-058

## **Eastbound & Westbound Spot Speeds**



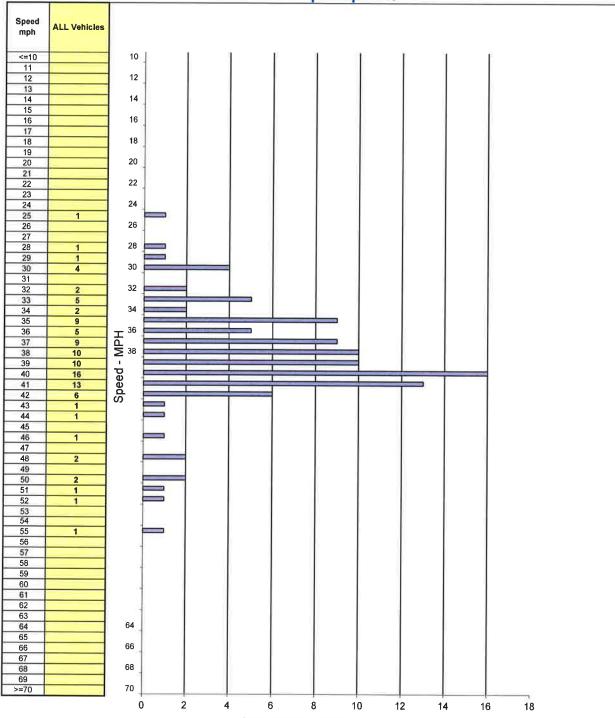
	SPEED PARAMETERS												
01	Count	Dange	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace				
Class	Count	Range	Percentile	rercentite	гасе	# III Face	race	78 7 W Delow 1 dcc	/0 / # PADOVC I QCC				
ALL	207	25 - 55	38 mph	41 mph	33 - 42	174	84%	6% / 14	10% / 19				

### **City of Antioch**

DATE: 4/7/2021 Location: W 10th St Bet. Auto Center Dr & L St

TIME: 10:10-10:55 Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-058

## **Eastbound Spot Speeds**



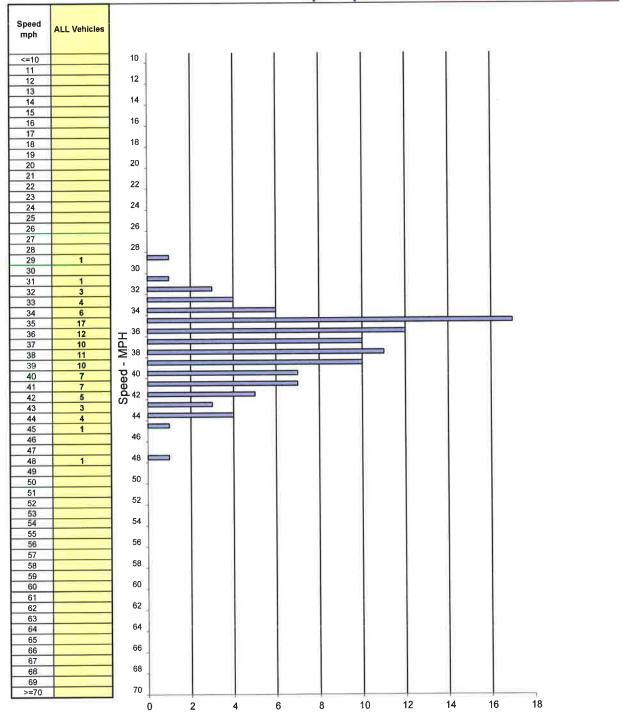
				SF	PEED PAI	RAMETERS	3		
		*	50th	85th	10 MPH		Percent in		
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace
ALL	104	25 - 55	39 mph	42 mph	33 - 42	85	82%	8% / 9	10% / 10

### **City of Antioch**

DATE: 4/7/2021

Location: W 10th St Bet. Auto Center Dr & L St
Posted Speed: 35 MPH Clear/Dry Proje Project #: 21-080049-058 TIME: 10:10-10:55

## **Westbound Spot Speeds**



	SPEED PARAMETERS												
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in	% / # Below Pace	% / # Above Pace				
ALL	103	29 - 48	37 mph	41 mph	33 - 42	89	86%	4% / 5	9% / 9				

## **Spot Speed Study**

Prepared by: National Data & Surveying Services

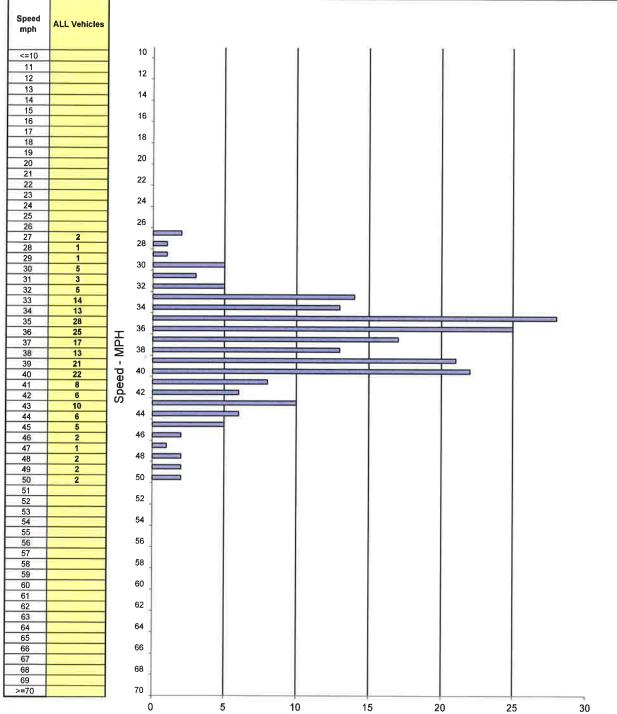
### **City of Antioch**

DATE: 4/7/2021

Location: E 18th St Bet. A St & Gavalle-Rd Hillcrest Ave

TIME: 12:50-13:30 Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-023

## **Eastbound & Westbound Spot Speeds**



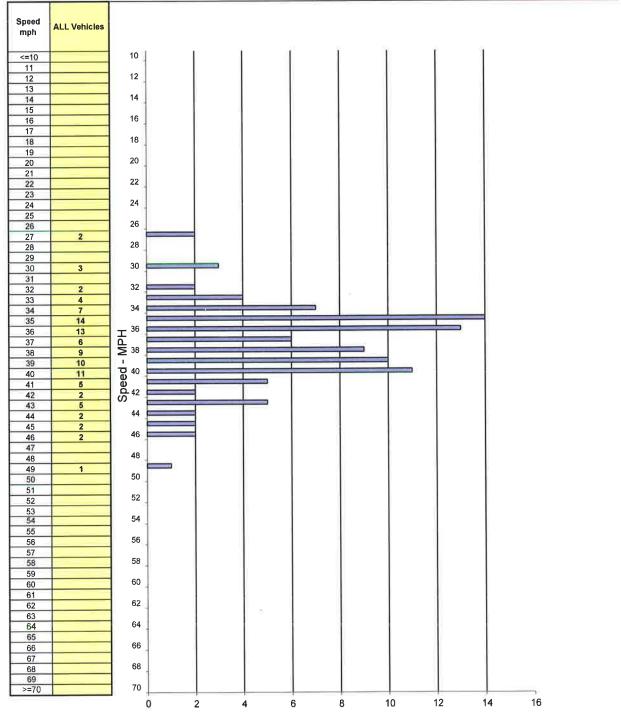
	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	214	27 - 50	37 mph	42 mph	33 - 42	167	78%	7% / 17	15% / 30				

### **City of Antioch**

Location: E 18th St Bet. A St & Gavello Rd Hillcrest Ave
Posted Speed: 35 MPH Clear/Dry Project #: 21-0 DATE: 4/7/2021

Project #: 21-080049-023 TIME: 12:50-13:30

## **Eastbound Spot Speeds**



	SPEED PARAMETERS												
Class	50th 85th 10 MPH Percent in Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace												
ALL	100	27 - 49	37 mph	41 mph	34 - 43	82	82%	11% / 11	7% /7				

## **Spot Speed Study**

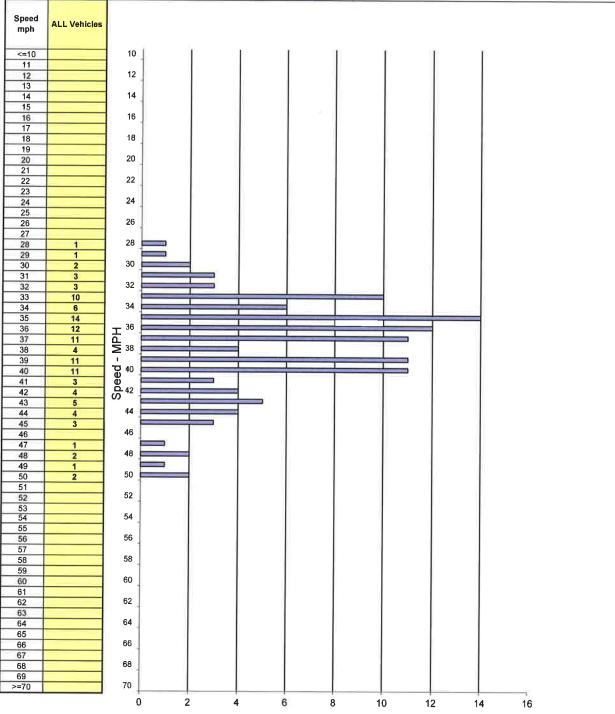
Prepared by: National Data & Surveying Services

### City of Antioch

Location: E 18th St Bet. A St & Cavallo-Rd Hillcrest Ave
Posted Speed: 35 MPH Clear/Dry Project #: 21-0 DATE: 4/7/2021

TIME: 12:50-13:30 Project #: 21-080049-023

## **Westbound Spot Speeds**



	SPEED PARAMETERS												
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace				
ALL	114	28 - 50	37 mph	43 mph	33 - 42	86	75%	8% / 10	16% / 18				

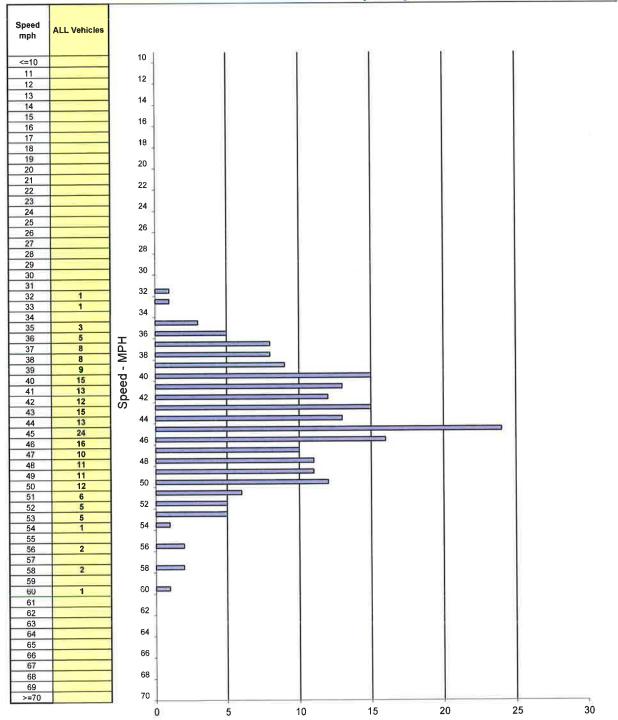
### **City of Antioch**

DATE: 4/7/2021

Location: E 18th St Bet. Hillcrest Ave & East City Limits

Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-025 TIME: 14:50-15:35

## **Eastbound & Westbound Spot Speeds**



Number of Vehicles

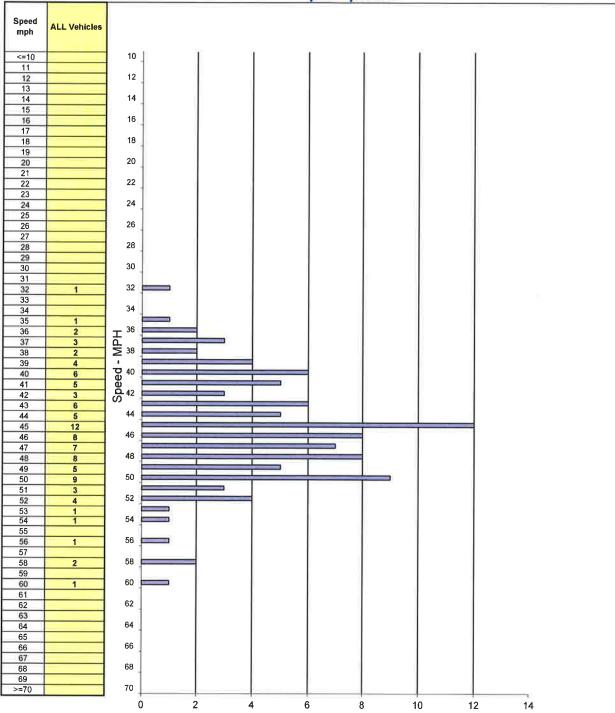
	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	200	32 - 60	45 mph	50 mnh	40 - 49	140	67%	16% / 35	17% / 34				

### **City of Antioch**

**DATE: 4/7/2021** 

Location: E 18th St Bet. Hillcrest Ave & East City Limits ed Speed: 45 MPH Clear/Dry Project #: 21-080049-025 TIME: 14:50-15:35 Posted Speed: 45 MPH

## **Eastbound Spot Speeds**



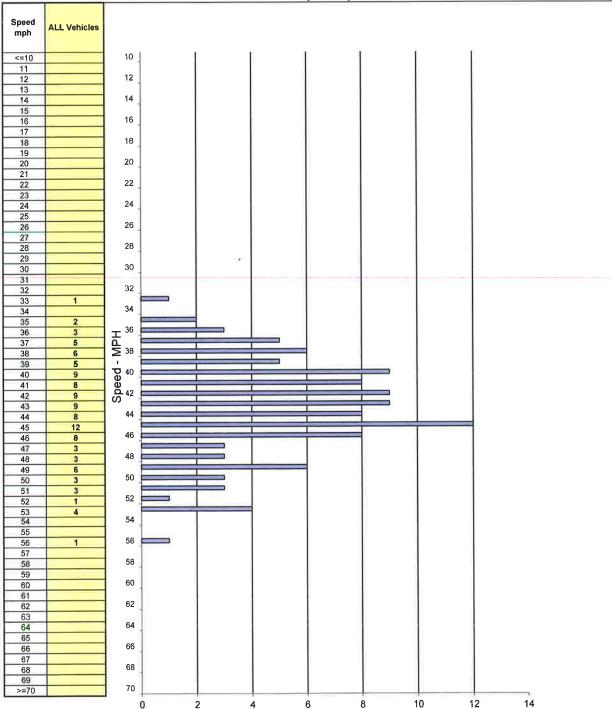
	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	100	32 - 60	45 mph	50 mph	41 - 50	68	68%	19% / 19	13% / 13			

### **City of Antioch**

DATE: 4/7/2021

Location: E 18th St Bet. Hillcrest Ave & East City Limits
Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-025 TIME: 14:50-15:35

## **Westbound Spot Speeds**

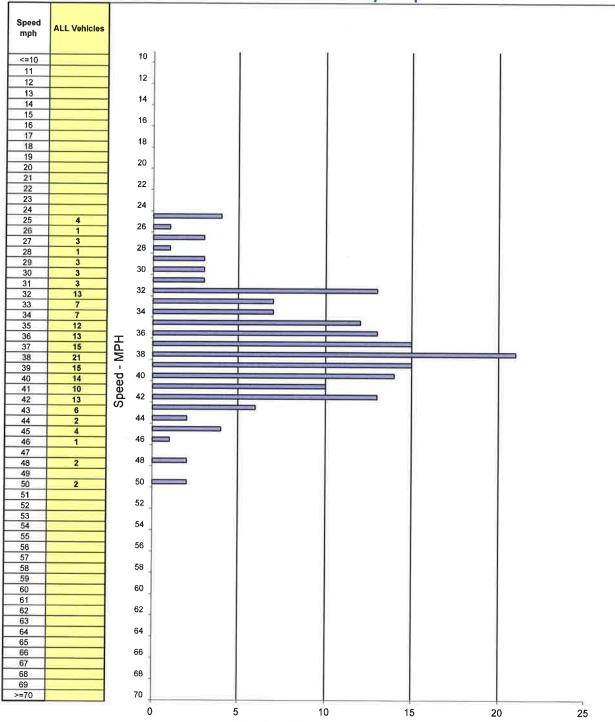


	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	109	33 - 56	43 mph	49 mph	37 - 46	79	72%	5% / 6	23% / 24				

### City of Antioch

DATE: 4/6/2021 Location: AutoCenter Dr/Somersville Rd Bet. 4th St & 10th St TIME: 09:15-10:15 Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-004

## **Northbound & Southbound Spot Speeds**

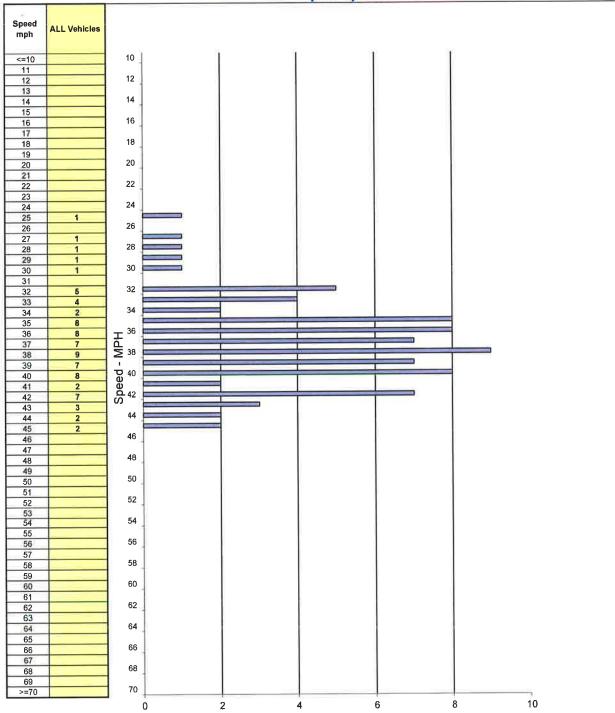


SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	175	25 - 50	38 mph	42 mph	32 - 41	127	73%	10% / 18	18% / 30			

### **City of Antioch**

Location: AutoCenter Dr/Somersville Rd Bet. 4th St & 10th St DATE: 4/6/2021 TIME: 09:15-10:15 Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-004

## **Northbound Spot Speeds**



	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	79	25 - 45	38 mph	42 mph	33 - 42	62	78%	12% / 10	9% /7				

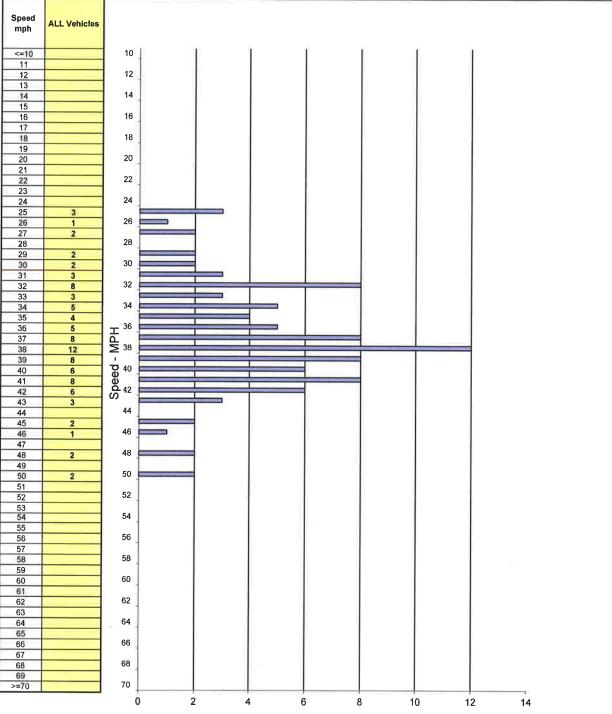
### **City of Antioch**

DATE: 4/6/2021

Location: AutoCenter Dr/Somersville Rd Bet. 4th St & 10th St ed Speed: 35 MPH Clear/Dry Project #: 21-080049-004

TIME: 09:15-10:15 Posted Speed: 35 MPH

## **Southbound Spot Speeds**



	SPEED PARAMETERS												
01	0		50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	96	25 - 50	38 mph	42 mph	32 - 41	67	70%	13% / 13	17% / 16				

## **Spot Speed Study**

Prepared by: National Data & Surveying Services

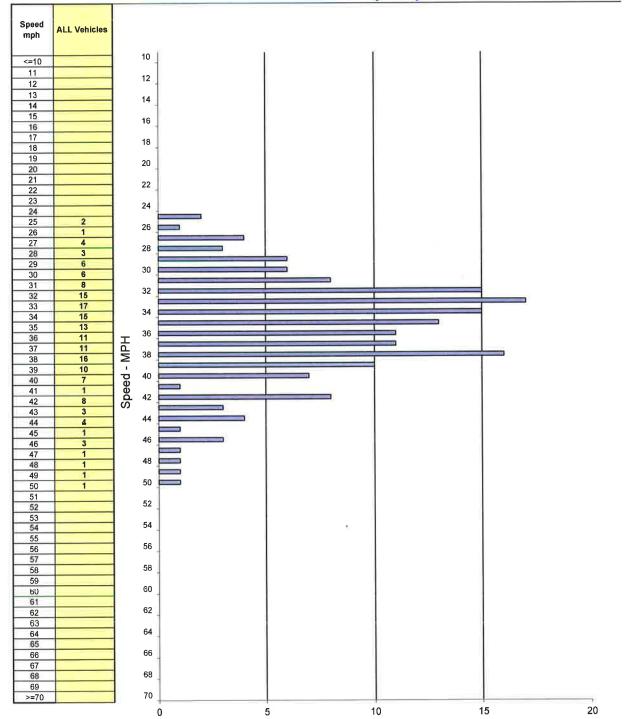
### **City of Antioch**

DATE: 4/9/2021

Location: AutoCenter Dr Bet. SPRR & SR 4

TIME: 12:15-13:15 Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-006

## **Northbound & Southbound Spot Speeds**



Number of Vehicles

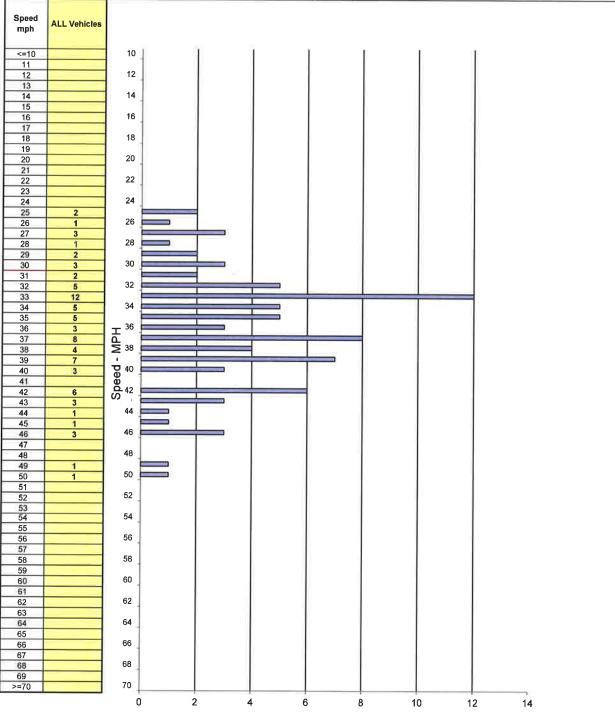
	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	169	25 - 50	35 mnh	40 mnh	31 - 40	123	73%	13% / 22	15% / 24				

### **City of Antioch**

DATE: 4/9/2021

Location: AutoCenter Dr Bet. SPRR & SR 4
Posted Speed: 35 MPH Clear/Dry P TIME: 12:15-13:15 Project #: 21-080049-006

## **Northbound Spot Speeds**



				SF	PEED PAI	RAMETERS	3		
			50th	85th	10 MPH		Percent in		
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace
ALL	82	25 - 50	35 mph	42 mph	30 - 39	54	66%	10% / 9	24% / 19

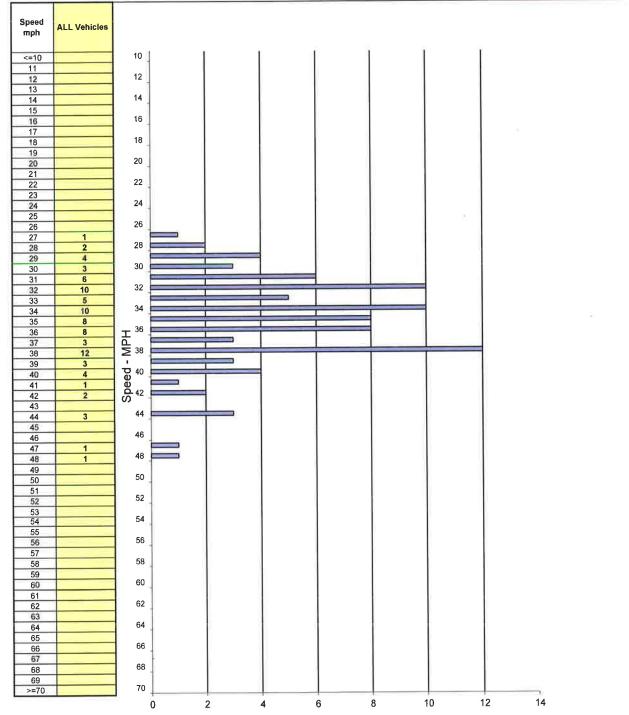
### **City of Antioch**

DATE: 4/9/2021

Location: AutoCenter Dr Bet. SPRR & SR 4

Project #: 21-080049-006 TIME: 12:15-13:15 Posted Speed: 35 MPH Clear/Dry

## **Southbound Spot Speeds**



	SPEED PARAMETERS												
Class	50th 85th 10 MPH   Percent in   Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace												
ALL	87	27 - 48	35 mph	39 mph	29 - 38	69	79%	3% / 3	18% / 15				

## **Spot Speed Study**

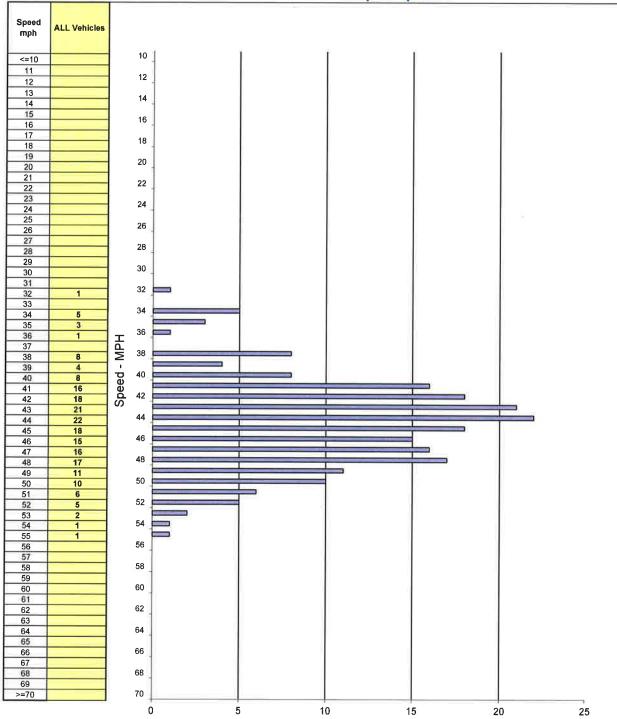
Prepared by: National Data & Surveying Services

### City of Antioch

DATE: 4/6/2021

Location: Buchanan Rd Bet. City Limits & Somersville Rd

## **Eastbound & Westbound Spot Speeds**



Number of Vehicles

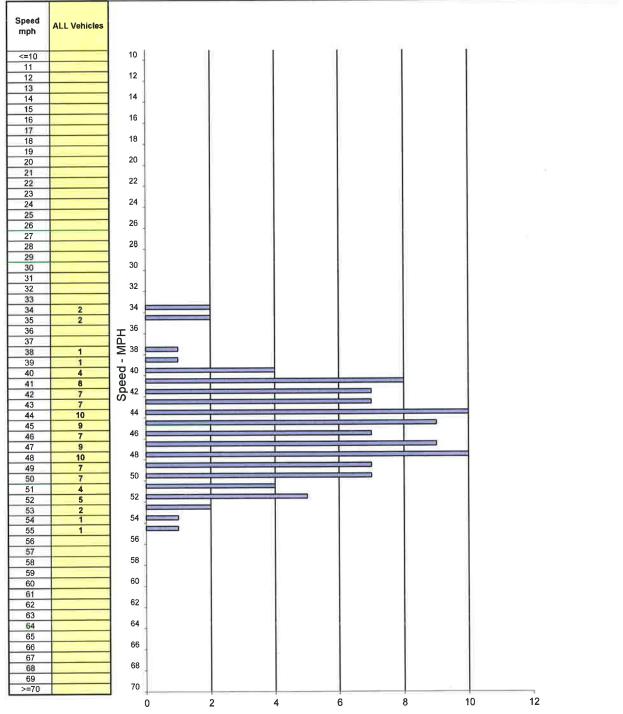
	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	209	32 - 55	44 mph	49 mph	41 - 50	164	78%	14% / 30	8% / 15				

### **City of Antioch**

DATE: 4/6/2021

Location: Buchanan Rd Bet. City Limits & Somersville Rd
Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-007 TIME: 10:10-10:45

## **Eastbound Spot Speeds**



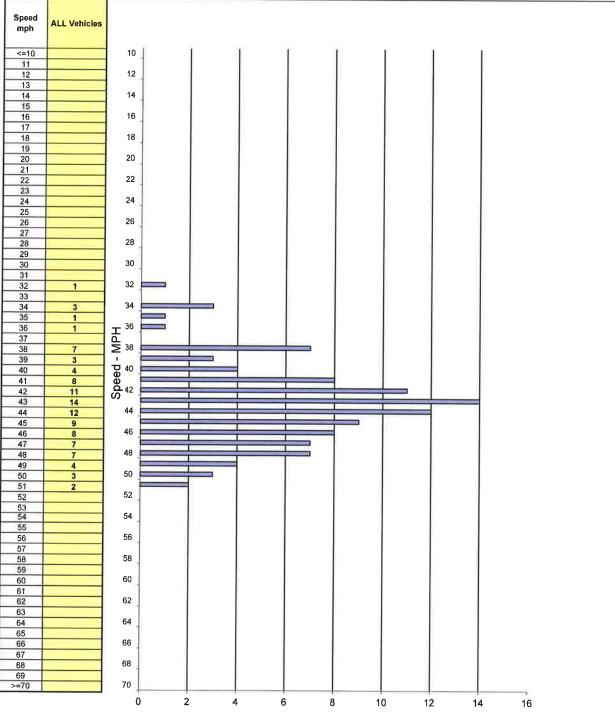
	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	ALL 104 34-55 46 mph 50 mph 41-50 81 78% 9% /10 13% /13												

### **City of Antioch**

DATE: 4/6/2021 TIME: 10:10-10:45

Location: Buchanan Rd Bet. City Limits & Somersville Rd ed Speed: 45 MPH Clear/Dry Project #: 21-080049-007 Posted Speed: 45 MPH

## **Westbound Spot Speeds**



	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	105	32 - 51	43 mph	48 mph	40 - 49	84	80%	15% / 16	5% / 5				

## **Spot Speed Study**

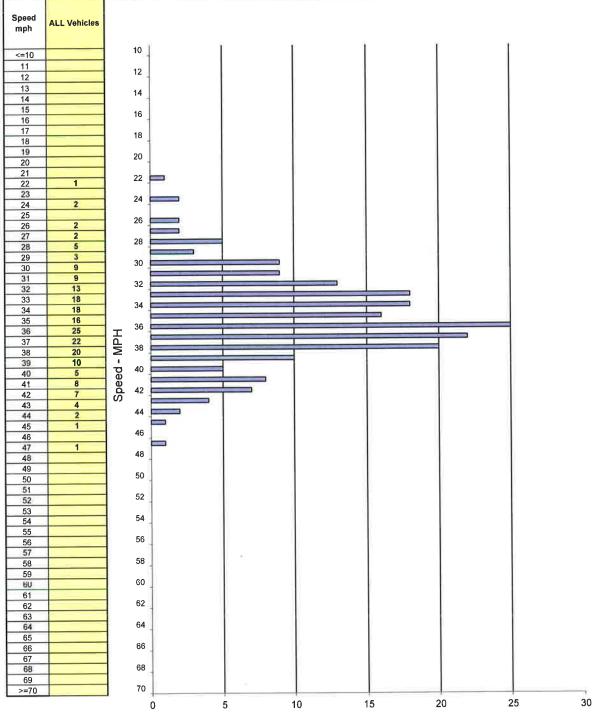
Prepared by: National Data & Surveying Services

### City of Antioch

DATE: 4/6/2021

Location: Buchanan Rd Bet. Somersville Rd & Gentrytown Dr Lucena Wy

## **Eastbound & Westbound Spot Speeds**



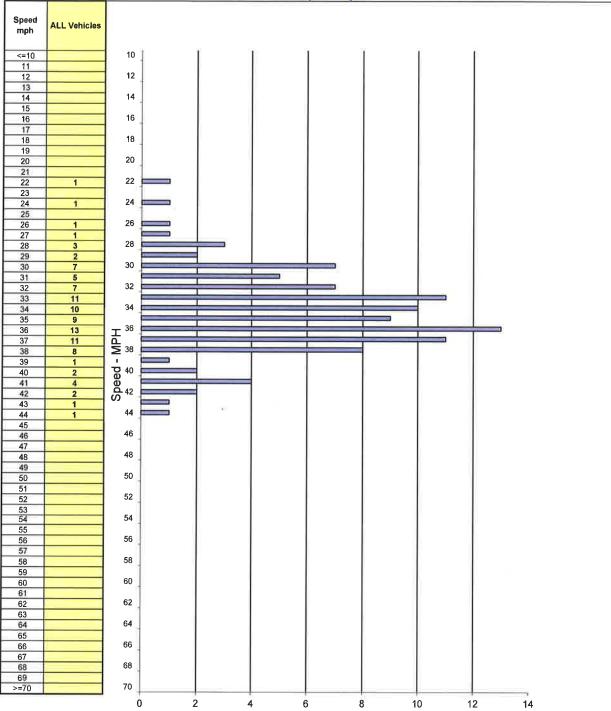
	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	203	22 - 47	36 mph	39 mph	30 - 39	160	79%	7% / 15	14% / 28				

### **City of Antioch**

DATE: 4/6/2021 TIME: 10:55-11:45 Location: Buchanan Rd Bet. Somersville Rd & Gentrytown Dr Lucena Wy ed Speed: 35 MPH Clear/Dry Project #: 21-080049-008

Posted Speed: 35 MPH

## **Eastbound Spot Speeds**



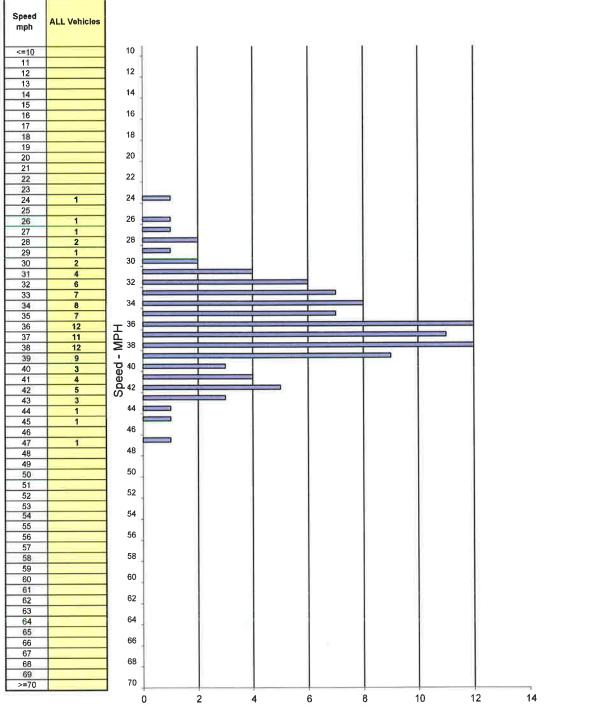
	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	101	22 - 44	35 mph	38 mph	29 - 38	83	82%	6% / 7	11% / 11				

### **City of Antioch**

Location: Buchanan Rd Bet. Somersville Rd & Gentrytown Dr Lucena Wy Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-008 DATE: 4/6/2021

TIME: 10:55-11:45

## **Westbound Spot Speeds**



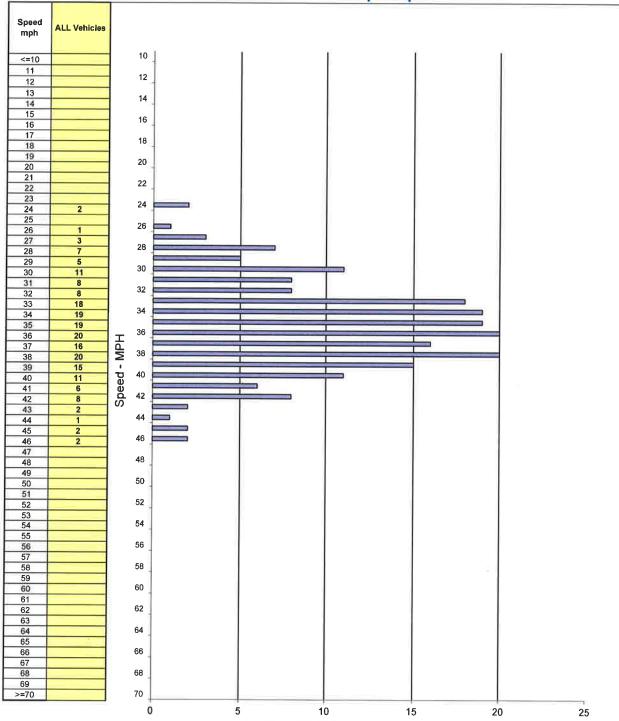
	SPEED PARAMETERS											
	50th 85th 10 MPH Percent in											
Class	Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace											
ALL	ALL 102 24 - 47 36 mph 40 mph 31 - 40 79 77% 7% / 8 15% / 15											

#### **City of Antioch**

DATE: 4/6/2021 TIME: 11:50-12:20

Lucena Wy
Location: Buchanan Rd Bet. Gentrytown Dr & Contra Loma Blvd Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-009

## **Eastbound & Westbound Spot Speeds**

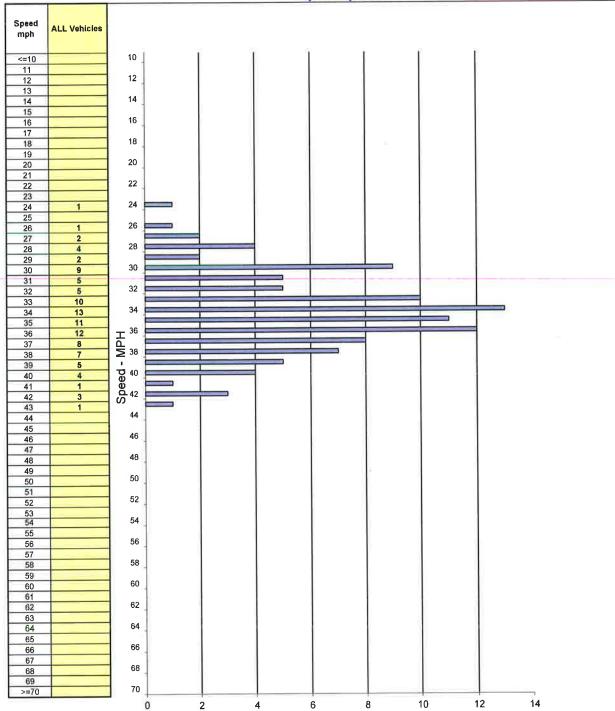


	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	204	24 - 46	36 mph	40 mph	30 - 39	154	75%	8% / 18	16% / 32				

### **City of Antioch**

DATE: 4/6/2021 TIME: 11:50-12:20 Lucena Wy
Location: Buchanan Rd Bet. Gentrytown Dr & Contra Loma Blvd
Posted Speed: 35 MPH Clear/Dry Project #: 24 000040 0 Project #: 21-080049-009

## **Eastbound Spot Speeds**



	SPEED PARAMETERS												
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace				
ALL	104	24 - 43	34 mph	38 mph	30 - 39	85	82%	9% / 10	9% / 9				

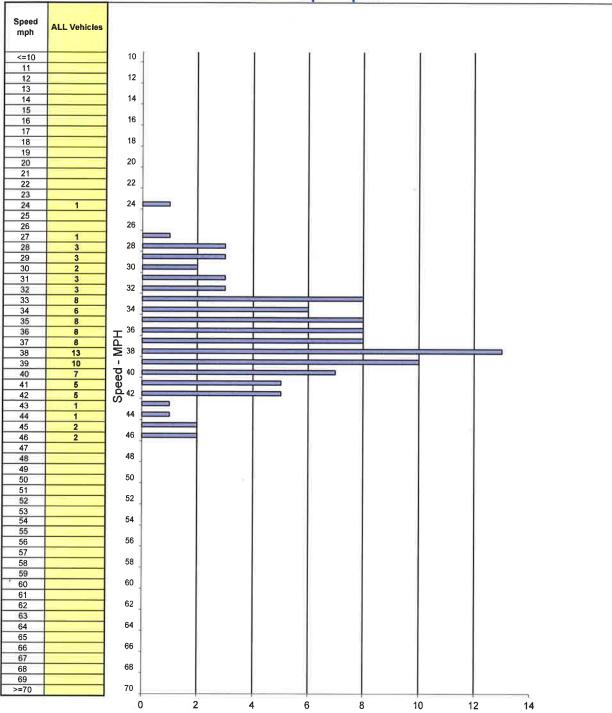
### **City of Antioch**

Lucena Wy

Location: Buchanan Rd Bet. Gentrytown Dr & Contra Loma Blvd

Clear/Dry Project #: 21-080049-009 DATE: 4/6/2021 TIME: 11:50-12:20 Posted Speed: 35 MPH

## **Westbound Spot Speeds**



	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in	·					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	100	24 - 46	37 mph	41 mph	33 - 42	78	78%	16% / 16	6% / 6				

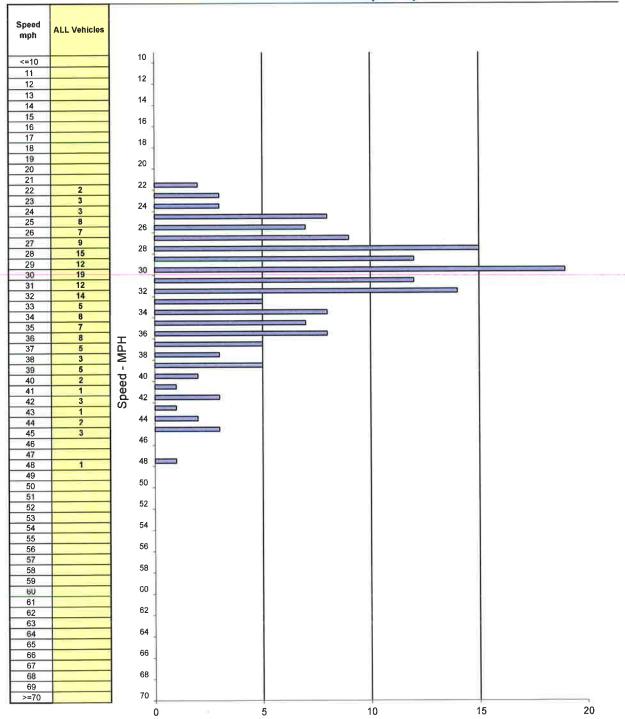
### **City of Antioch**

DATE: 4/7/2021

Location: Cavallo Rd Bet. E Tregallas Rd & E 18th St

Posted Speed: 25 MPH Clear/Dry Project #: 21-080049-010 TIME: 11:40-12:40

## **Northbound & Southbound Spot Speeds**



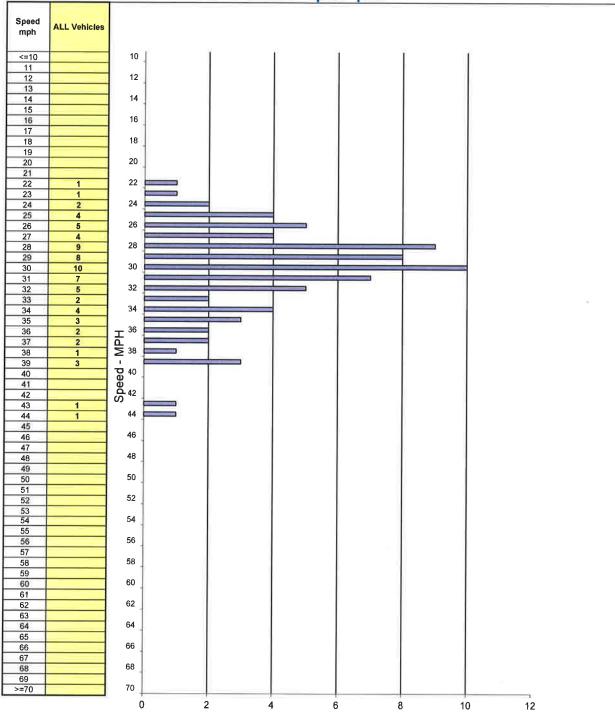
	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL													

### **City of Antioch**

DATE: 4/7/2021

Location: Cavallo Rd Bet. E Tregallas Rd & E 18th St Posted Speed: 25 MPH Clear/Dry Project #: 2 TIME: 11:40-12:40 Project #: 21-080049-010

## **Northbound Spot Speeds**



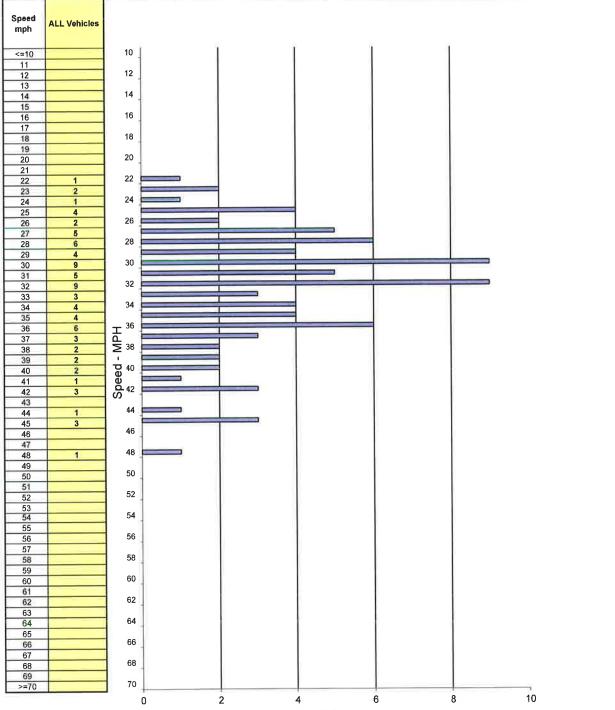
	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	75	22 - 44	30 mph	35 mph	25 - 34	58	77%	5% / 4	18% / 13				

### **City of Antioch**

DATE: 4/7/2021

Location: Cavallo Rd Bet. E Tregallas Rd & E 18th St
Posted Speed: 25 MPH Clear/Dry Project #: 21-080049-010 TIME: 11:40-12:40

## **Southbound Spot Speeds**



	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	83	22 - 48	32 mph	39 mph	27 - 36	55	66%	12% / 10	22% / 18				

### **City of Antioch**

DATE: 4/9/2021

Location: Cavallo Rd Bet. E 18th St & Wilbur Ave

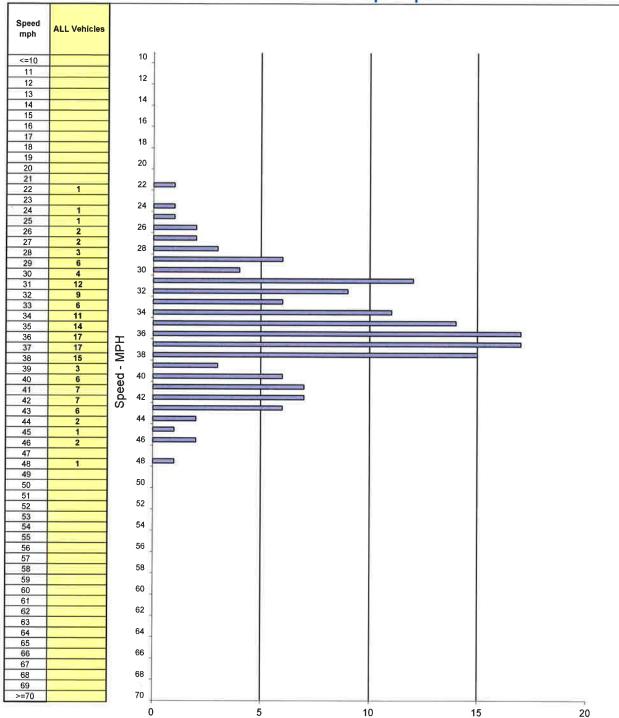
TIME: 11:00-12:00

Posted Speed: 35 MPH

Clear/Dry

Project #: 21-080049-011

## **Northbound & Southbound Spot Speeds**



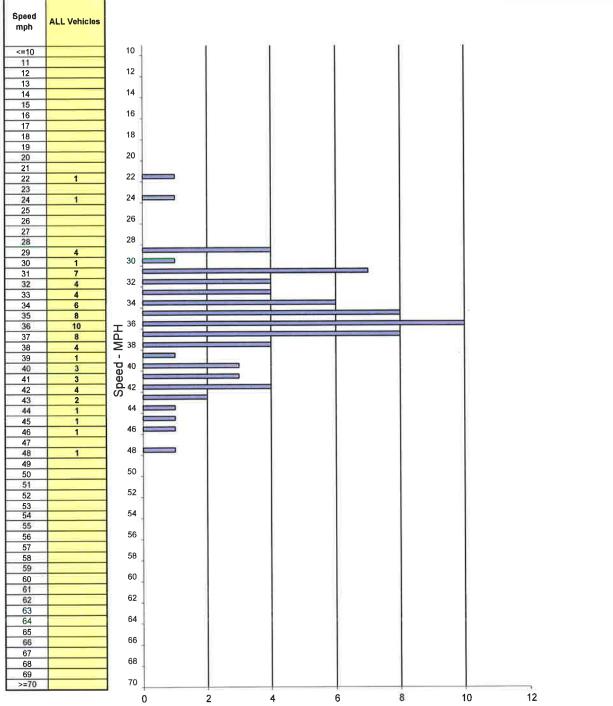
	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace												
ALL													

### **City of Antioch**

DATE: 4/9/2021

Location: Cavallo Rd Bet. E 18th St & Wilbur Ave Posted Speed: 35 MPH Clear/Dry Project Project #: 21-080049-011 TIME: 11:00-12:00

## **Northbound Spot Speeds**



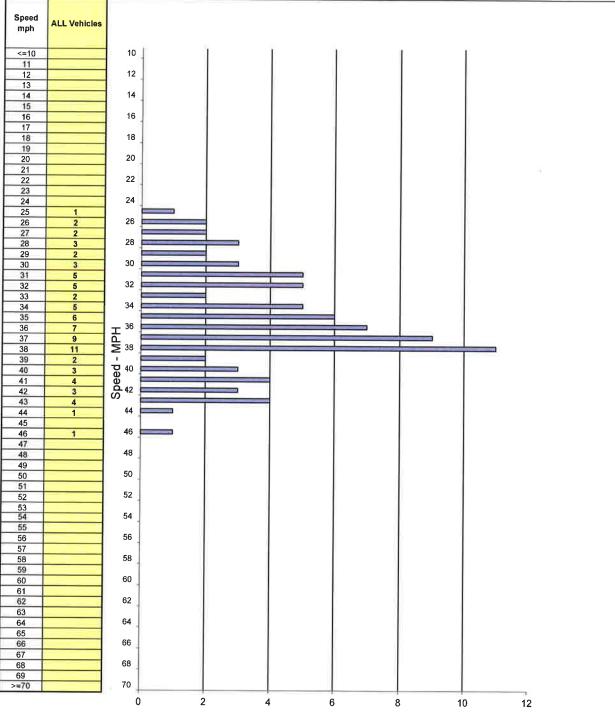
	SPEED PARAMETERS												
Class	50th 85th 10 MPH   Percent in   Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace												
ALL	75	22 - 48	36 mph	41 mph	29 - 38	56	75%	2% / 2	23% / 17				

### **City of Antioch**

DATE: 4/9/2021

Location: Cavallo Rd Bet. E 18th St & Wilbur Ave red Speed: 35 MPH Clear/Dry Project TIME: 11:00-12:00 Posted Speed: 35 MPH Project #: 21-080049-011

## **Southbound Spot Speeds**



	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	81	25 - 46	36 mph	41 mph	29 - 38	55	68%	9% / 8	23% / 18				

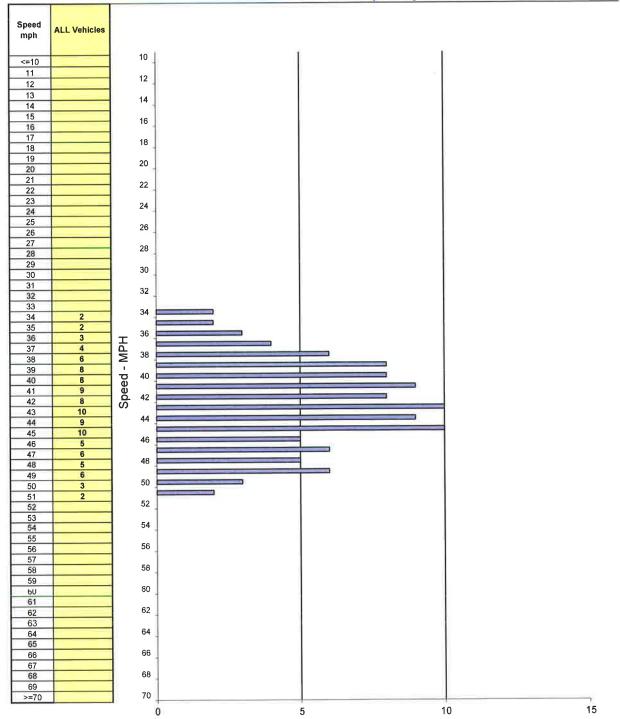
## **Spot Speed Study**

Prepared by: National Data & Surveying Services

### **City of Antioch**

DATE: 4/7/2021 TIME: 13:10-14:10 Location: Dallas Ranch Rd Bet. Lone Tree Way & Mokelumne Dr
Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-014

## Northbound & Southbound Spot Speeds



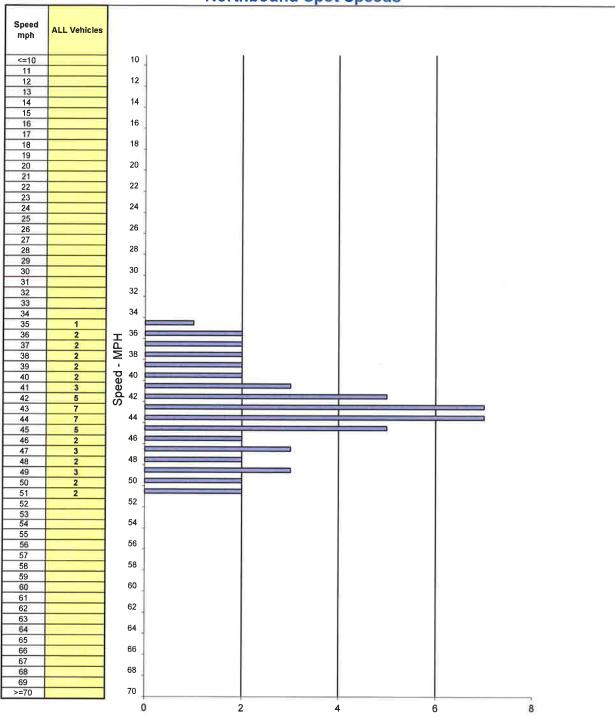
Number of Vehicles

SPEED PARAMETERS											
50th 85th 10 MPH Percent in											
Class	Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace										
ΔII	106	34 - 51	43 mph	48 mph	38 - 47	79	75%	10% / 11	16% / 16		

### **City of Antioch**

Location: Dallas Ranch Rd Bet. Lone Tree Way & Mokelumne Dr Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-014 DATE: 4/7/2021 TIME: 13:10-14:10

## **Northbound Spot Speeds**



	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	52	35 - 51	43 mph	48 mph	40 - 49	39	75%	17% / 9	8% / 4				

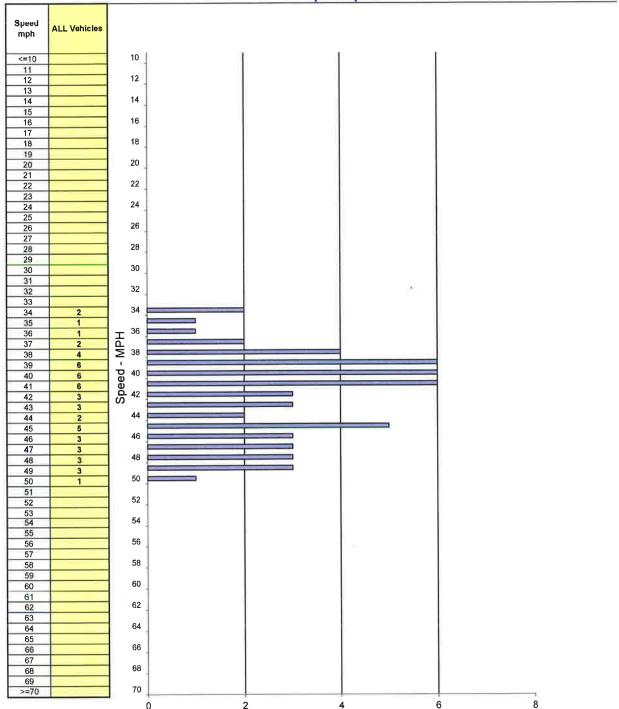
### **City of Antioch**

**DATE: 4/7/2021** 

Location: Dallas Ranch Rd Bet. Lone Tree Way & Mokelumne Dr ed Speed: 45 MPH Clear/Dry Project #: 21-080049-014

Posted Speed: 45 MPH TIME: 13:10-14:10

## **Southbound Spot Speeds**



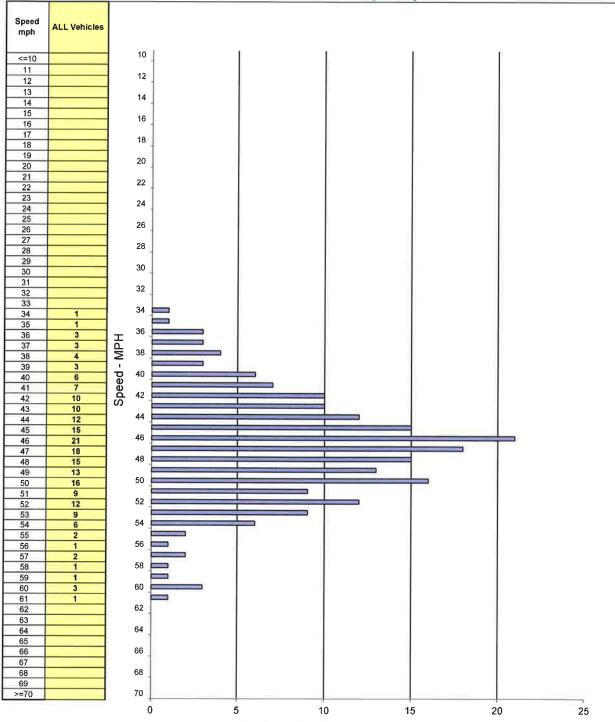
	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	54	34 - 50	41 mph	47 mph	38 - 47	41	76%	11% / 6	13% / 7				

Prepared by: National Data & Surveying Services

### City of Antioch

DATE: 4/8/2021 Location: Deer Valley Rd Bet. Hillcrest Ave & Lone Tree Way
TiME: 14:50-15:45 Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-016

## **Northbound & Southbound Spot Speeds**



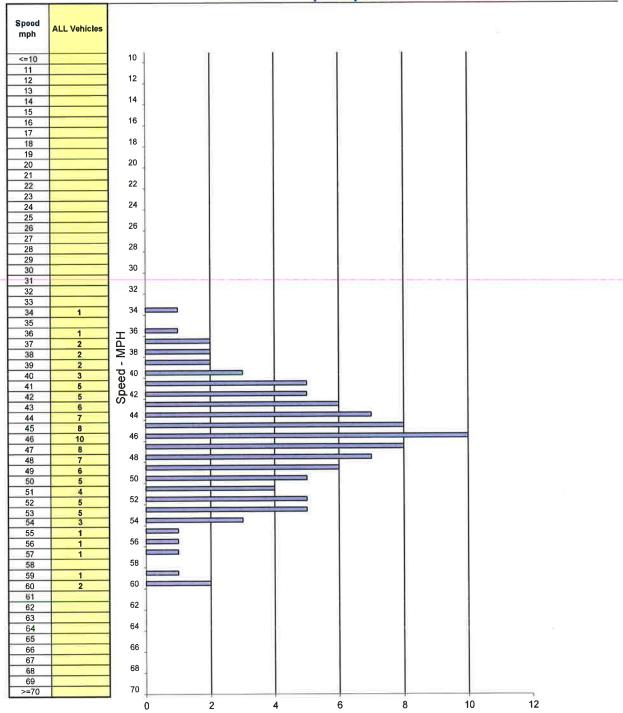
	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	205	34 - 61	47 mph	52 mph	43 - 52	141	69%	18% / 38	13% / 26				

### **City of Antioch**

DATE: 4/8/2021 TIME: 14:50-15:45 Location: Deer Valley Rd Bet. Hillcrest Ave & Lone Tree Way sed Speed: 45 MPH Clear/Dry Project #: 21-080049-016

Posted Speed: 45 MPH

## **Northbound Spot Speeds**

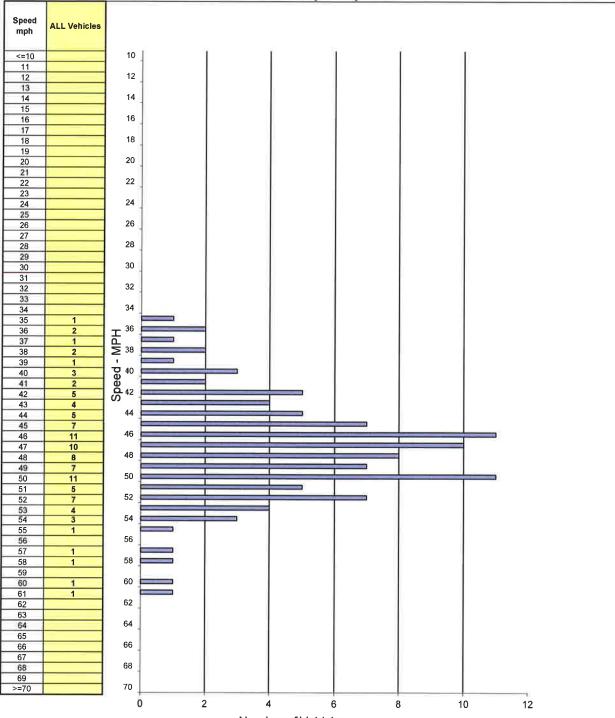


		SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	101	34 - 60	46 mph	52 mph	41 - 50	67	66%	10% / 11	23% / 23				

### **City of Antioch**

DATE: 4/8/2021 TIME: 14:50-15:45 Location: Deer Valley Rd Bet. Hillcrest Ave & Lone Tree Way
Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-016

## **Southbound Spot Speeds**



	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	104	35 - 61	47 mph	52 mph	43 - 52	75	72%	16% / 17	12% / 12				

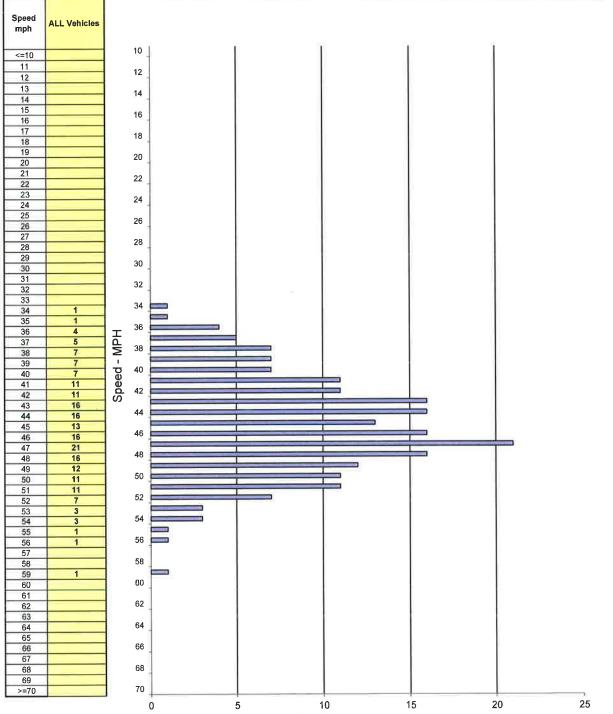
Prepared by: National Data & Surveying Services

#### City of Antioch

DATE: 4/8/2021

Location: Deer Valley Rd Bet. Lone Tree Way & Mammeth Way Sand Creek Rd.

## **Northbound & Southbound Spot Speeds**



Number of Vehicles

	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	202	34 - 59	46 mph	50 mph	41 - 50	143	71%	15% / 32	14% / 27			

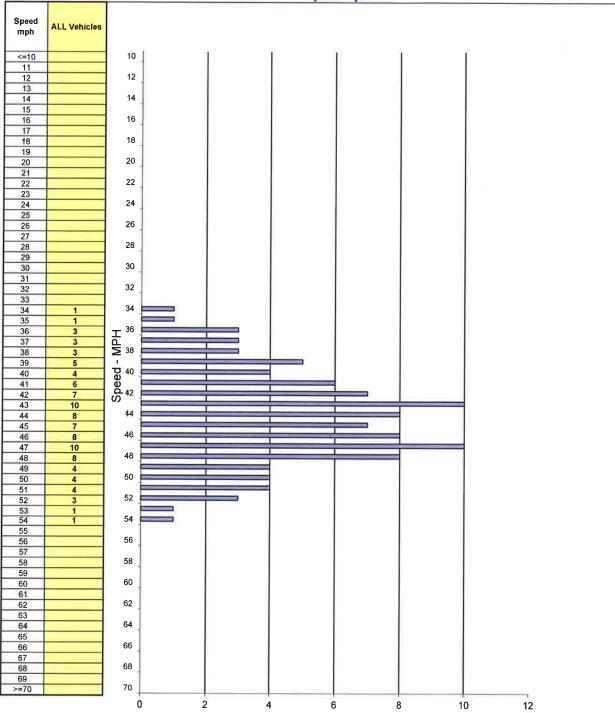
### **City of Antioch**

DATE: 4/8/2021

Location: Deer Valley Rd Bet. Lone Tree Way & Mammeth Way Sand Creek Rd Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-017

TIME: 13:45-14:35

## **Northbound Spot Speeds**



	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	101	34 - 54	44 mph	49 mph	39 - 48	73	72%	10% / 11	17% / 17			

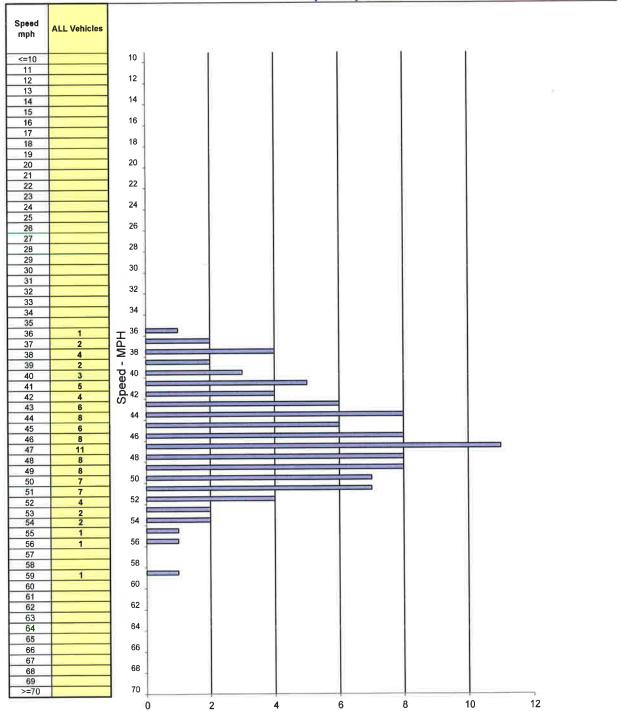
Prepared by: National Data & Surveying Services

### **City of Antioch**

Location: Deer Valley Rd Bet. Lone Tree Way & Mammeth Way Sand Creek Rd Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-017 DATE: 4/8/2021

TIME: 13:45-14:35

## **Southbound Spot Speeds**



	SPEED PARAMETERS												
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace				
ALL	101	36 - 59	47 mph	51 mph	42 - 51	73	72%	16% / 17	11% / 11				

Prepared by: National Data & Surveying Services

### **City of Antioch**

DATE: 4/6/2021

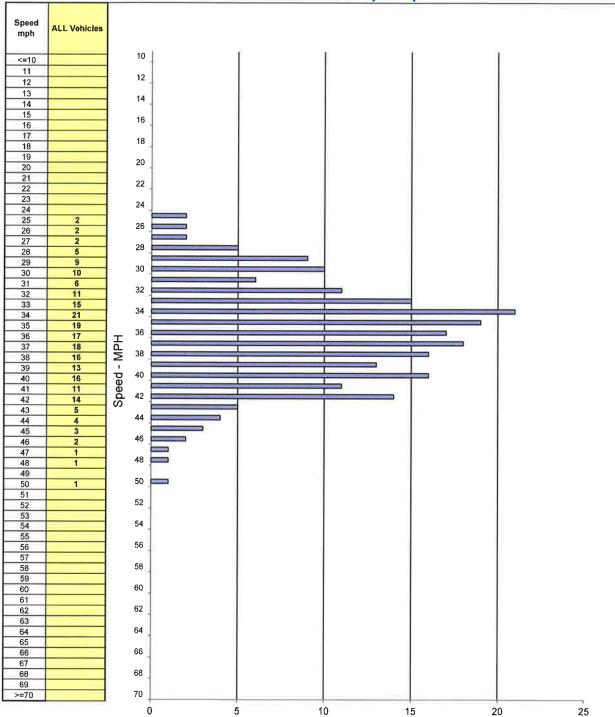
Location: Delta Fair Blvd Bet. City Limits & Belle Dr

TIME: 12:30-13:05 Posted Speed: 30 MPH

Clear/Dry

Project #: 21-080049-019

## **Northbound & Southbound Spot Speeds**



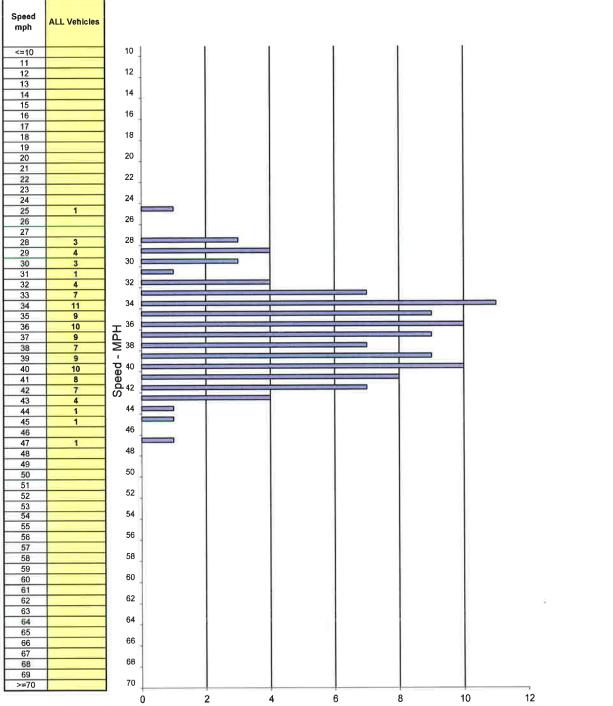
	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	224	25 - 50	36 mph	41 mph	33 - 42	160	71%	20% / 47	8% / 17				

### **City of Antioch**

DATE: 4/6/2021

Location: Delta Fair Blvd Bet. City Limits & Belle Dr ed Speed: 30 MPH Clear/Dry Project #: 21-080049-019 TIME: 12:30-13:05 Posted Speed: 30 MPH

## **Northbound Spot Speeds**



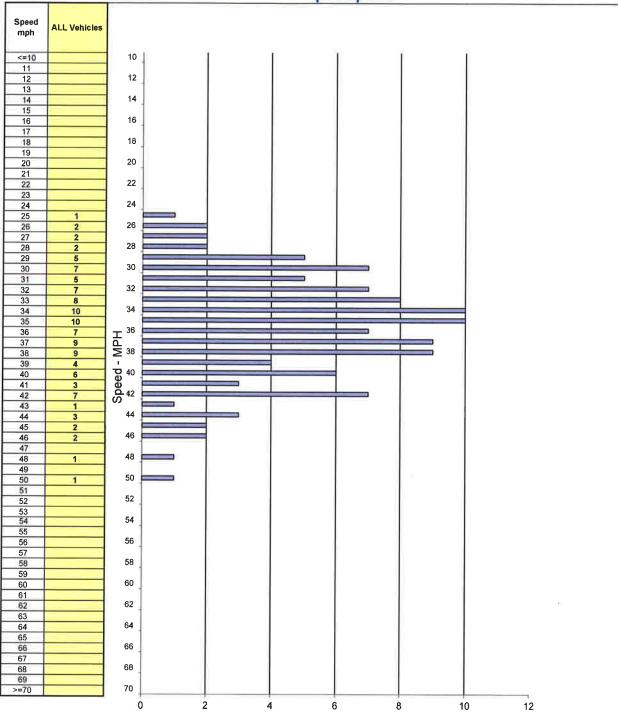
	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in		Ť			
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	110	25 - 47	37 mph	41 mph	33 - 42	87	79%	14% / 16	7% /7			

### **City of Antioch**

DATE: 4/6/2021

Location: Delta Fair Blvd Bet. City Limits & Belle Dr ted Speed: 30 MPH Clear/Dry Project #: 21-080049-019 TIME: 12:30-13:05 Posted Speed: 30 MPH

## **Southbound Spot Speeds**



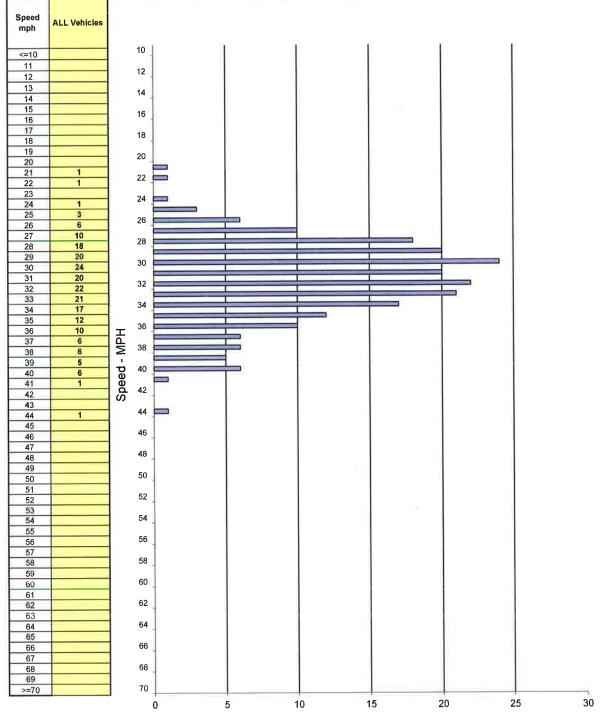
				SI	PEED PAI	RAMETERS	3		
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	114	25 - 50	35 mph	41 mph	29 - 38	77	68%	6% /7	27% / 30

### **City of Antioch**

DATE: 4/6/2021 TIME: 14:45-15:15

Location: Delta Fair Blvd Bet. Kendree St & Somersville Rd Project #: 21-080049-021 Posted Speed: 30 MPH Clear/Dry

## **Eastbound & Westbound Spot Speeds**



Number of Vehicles

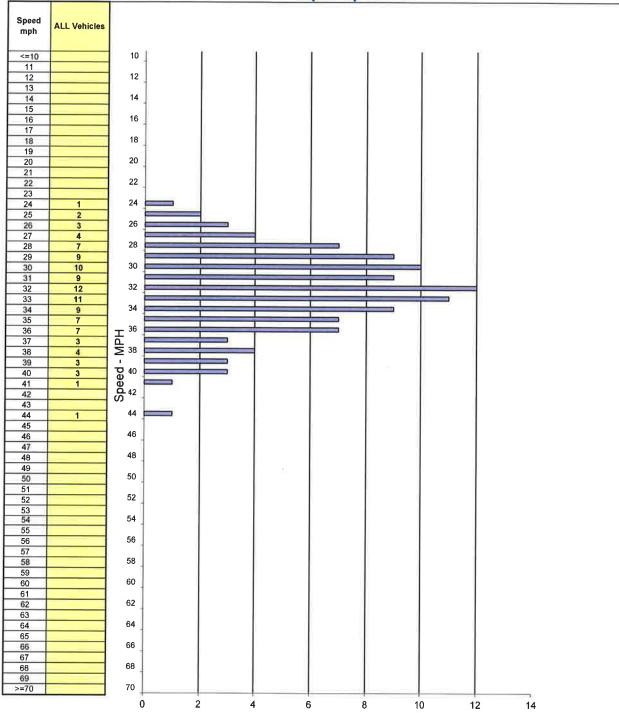
	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	211	21 - 44	32 mnh	36 mph	27 - 36	174	82%	5% / 12	12% / 25			

### **City of Antioch**

DATE: 4/6/2021 TIME: 14:45-15:15

Location: Delta Fair Blvd Bet. Kendree St & Somersville Rd ted Speed: 30 MPH Clear/Dry Project #: 21-080049-021 Posted Speed: 30 MPH

## **Eastbound Spot Speeds**



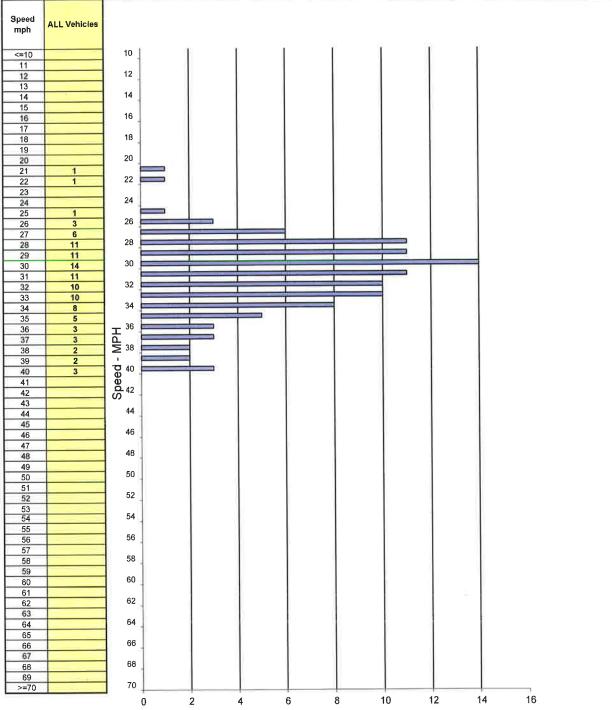
	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	106	24 - 44	32 mph	36 mph	27 - 36	85	80%	5% / 6	15% / 15			

### City of Antioch

DATE: 4/6/2021

Location: Delta Fair Blvd Bet. Kendree St & Somersville Rd ted Speed: 30 MPH Clear/Dry Project #: 21-080049-021 Posted Speed: 30 MPH TIME: 14:45-15:15

## **Westbound Spot Speeds**



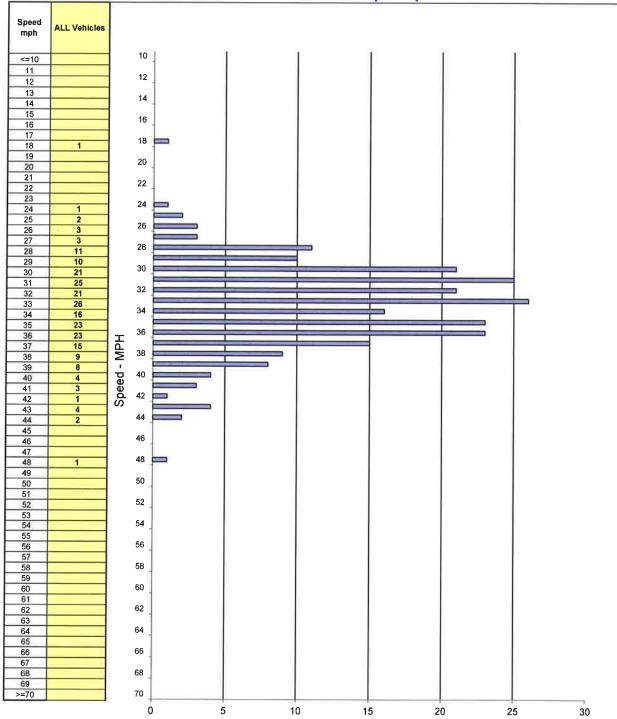
	SPEED PARAMETERS											
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace			
ALL	105	21 - 40	31 mph	35 mph	26 - 35	89	85%	2% / 3	13% / 13			

### **City of Antioch**

DATE: 4/7/2021 TIME: 09:00-10:00

Location: Delta Fair Blvd Bet. Somersville Rd & Buchanan Rd Project #: 21-080049-022 Posted Speed: 30 MPH Clear/Dry

## **Northbound & Southbound Spot Speeds**



SPEED PARAMETERS											
	50th 85th 10 MPH Percent in										
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace		
ALL	233	18 - 48	33 mph	37 mph	28 - 37	191	82%	4% / 10	14% / 32		

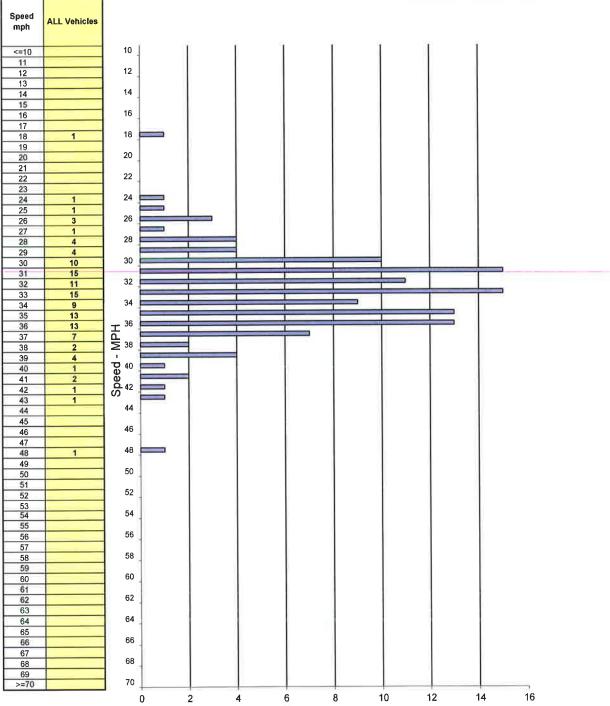
Prepared by: National Data & Surveying Services

### City of Antioch

DATE: 4/7/2021 TIME: 09:00-10:00

Location: Delta Fair Blvd Bet. Somersville Rd & Buchanan Rd
Posted Speed: 30 MPH Clear/Dry Project #: 21-080049-022

## **Northbound Spot Speeds**



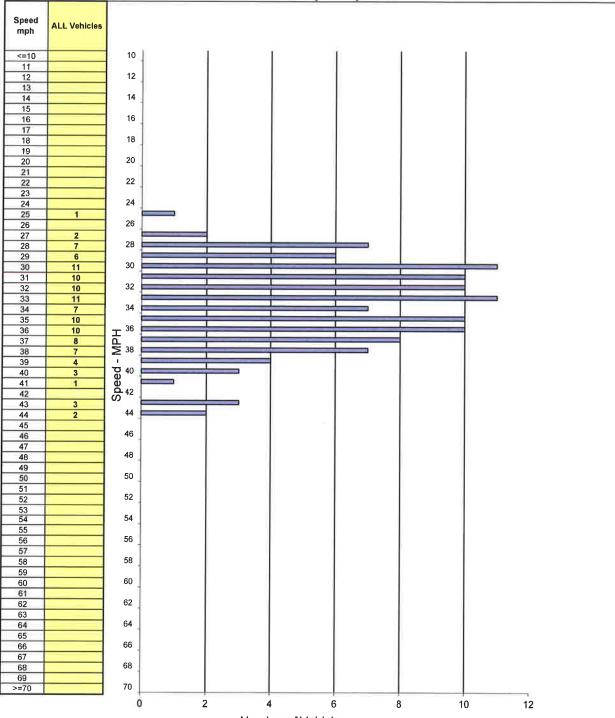
	SPEED PARAMETERS											
01	Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace											
Class	Count	Range										
ALL	ALL 120 18-48 33 mph 37 mph 28-37 101 84% 5% /7 10% /12											

### **City of Antioch**

DATE: 4/7/2021 TIME: 09:00-10:00

Location: Delta Fair Blvd Bet. Somersville Rd & Buchanan Rd ed Speed: 30 MPH Clear/Dry Project #: 21-080049-022 Posted Speed: 30 MPH

## **Southbound Spot Speeds**



	SPEED PARAMETERS												
Class	50th 85th 10 MPH Percent in Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace												
	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	113	25 - 44	33 mph	38 mph	28 - 37	90	80%	2% / 3	18% / 20				

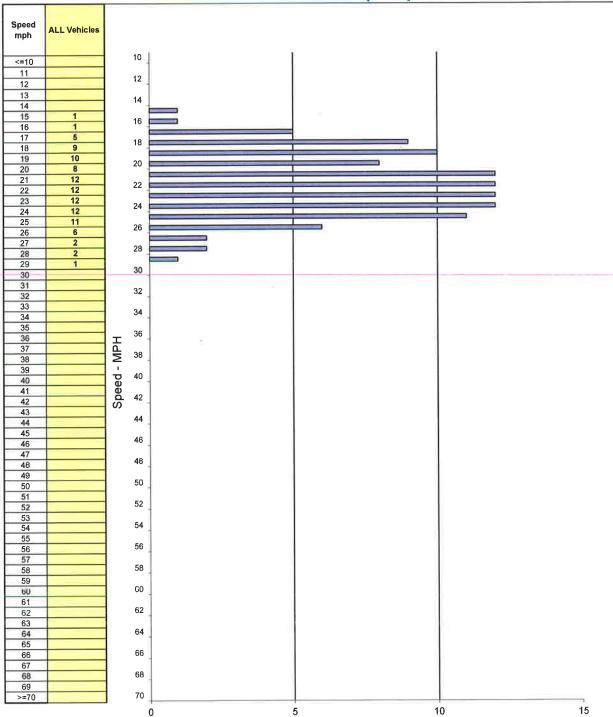
Prepared by: National Data & Surveying Services

#### City of Antioch

DATE: 4/9/2021 Location: Garrow Dr Bet. E Tregallas Rd & Davison Dr

TIME: 11:15-12:20 Posted Speed: 25 MPH Clear/Dry Project #: 21-080049-031

## **Northbound & Southbound Spot Speeds**



Number of Vehicles

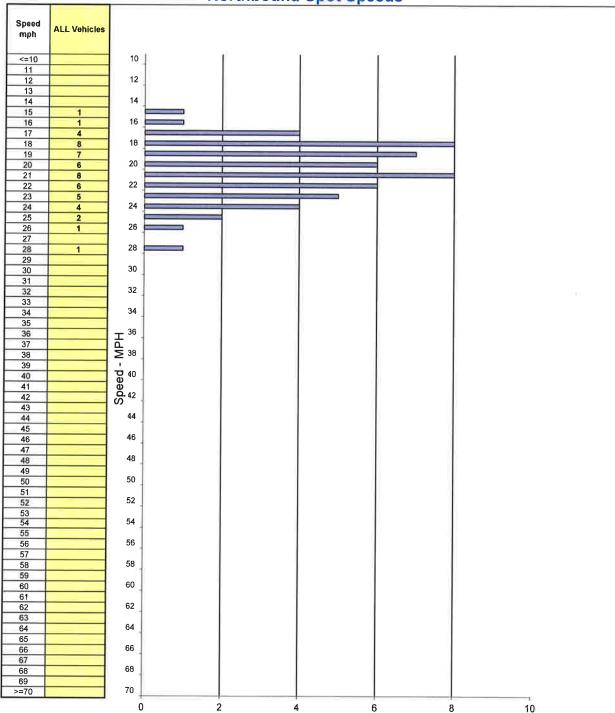
	SPEED PARAMETERS											
	50th 85th 10 MPH Percent in											
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ΔΙΙ	104	15 - 29	22 mnh	25 mph	17 - 26	97	93%	1% /2	5% / 5			

### **City of Antioch**

DATE: 4/9/2021

Location: Garrow Dr Bet. E Tregallas Rd & Davison Dr ted Speed: 25 MPH Clear/Dry Project #: 21-080049-031 TIME: 11:15-12:20 Posted Speed: 25 MPH

## **Northbound Spot Speeds**



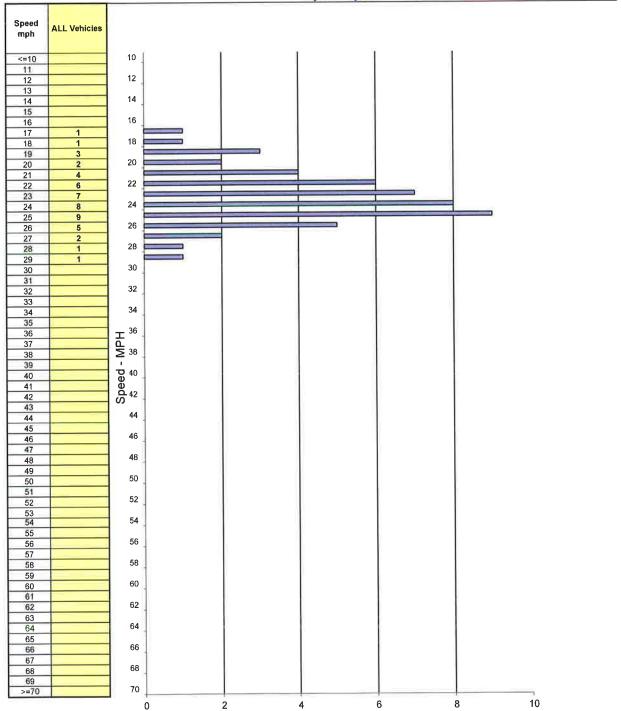
	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	54	15 - 28	20 mph	23 mph	16 - 25	51	94%	1% / 1	4% / 2			

### **City of Antioch**

DATE: 4/9/2021

Location: Garrow Dr Bet. E Tregallas Rd & Davison Dr Posted Speed: 25 MPH Clear/Dry Project #: 21-Project #: 21-080049-031 TIME: 11:15-12:20

## **Southbound Spot Speeds**



	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	50	17 - 29	24 mph	26 mph	18 - 27	47	94%	2% / 1	4% / 2			

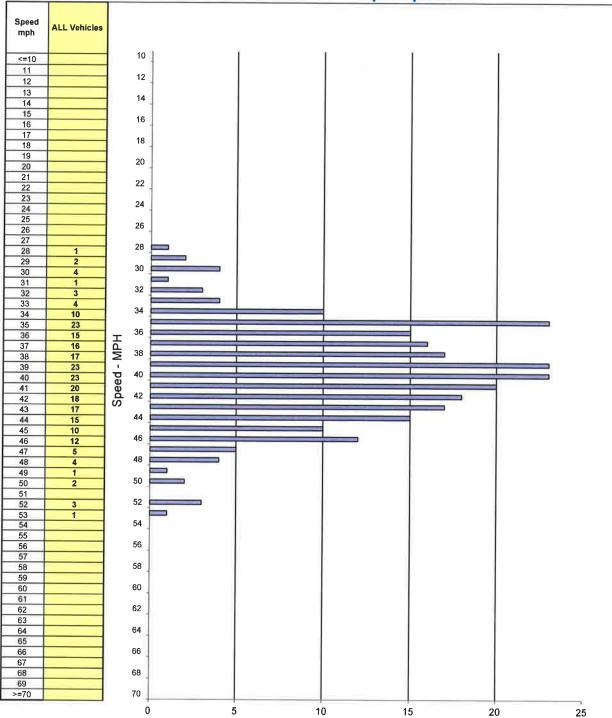
### **City of Antioch**

DATE: 4/8/2021

Location: Hillcrest Ave Bet. E 18th St & Sunset Dr

TIME: 09:00-09:50 Posted Speed: 40 MPH Clear/Dry Project #: 21-080049-034

## **Northbound & Southbound Spot Speeds**



Number of Vehicles

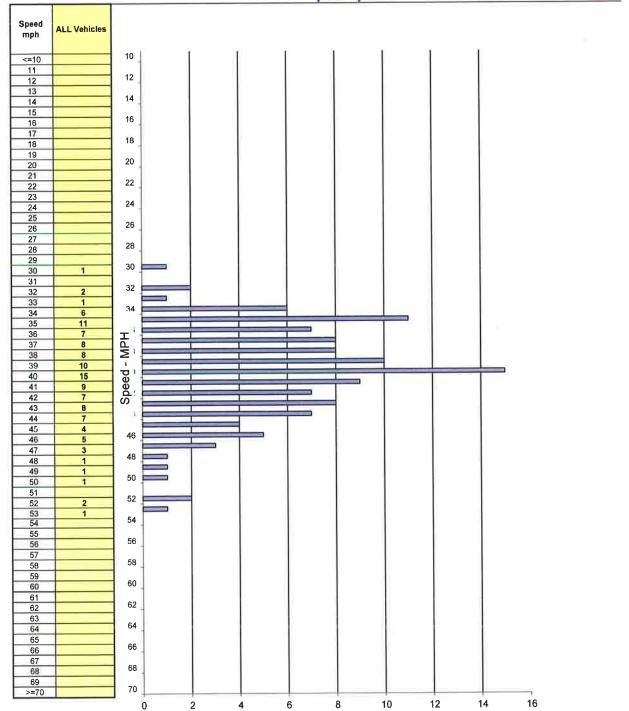
	SPEED PARAMETERS												
01	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	250	28 - 53	40 mph	45 mph	35 - 44	187	75%	10% / 25	16% / 38				

### **City of Antioch**

DATE: 4/8/2021

Location: Hillcrest Ave Bet. E 18th St & Sunset Dr Posted Speed: 40 MPH Clear/Dry Project # Project #: 21-080049-034 TIME: 09:00-09:50

## **Northbound Spot Speeds**



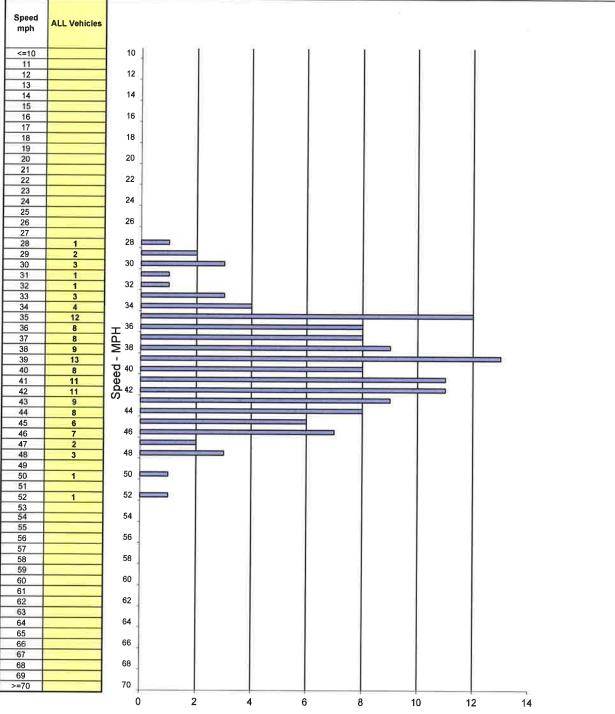
	SPEED PARAMETERS												
Class	Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace												
ALL	118	30 - 53	40 mph	45 mph	35 - 44	90	76%	8% / 10	16% / 18				

### **City of Antioch**

DATE: 4/8/2021

Location: Hillcrest Ave Bet. E 18th St & Sunset Dr red Speed: 40 MPH Clear/Dry Project #: 21-080049-034 TIME: 09:00-09:50 Posted Speed: 40 MPH

## **Southbound Spot Speeds**



	SPEED PARAMETERS												
Class	50th 85th 10 MPH Percent in												
	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	132	28 - 52	40 mph	45 mph	35 - 44	97	73%	11% / 15	16% / 20				

Prepared by: National Data & Surveying Services

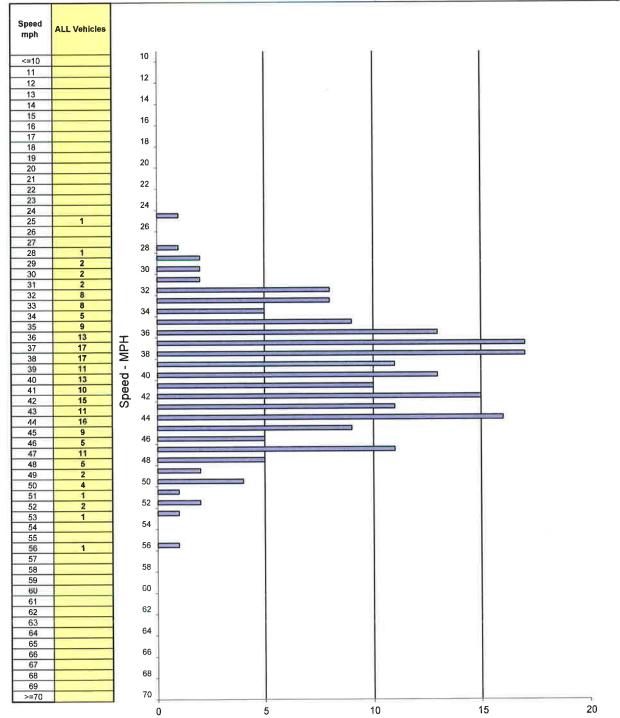
### **City of Antioch**

DATE: 4/9/2021

Location: Hillcrest Ave Bet. Sunset Dr & Davison Dr

TIME: 13:40-14:40 Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-035

## **Northbound & Southbound Spot Speeds**



Number of Vehicles

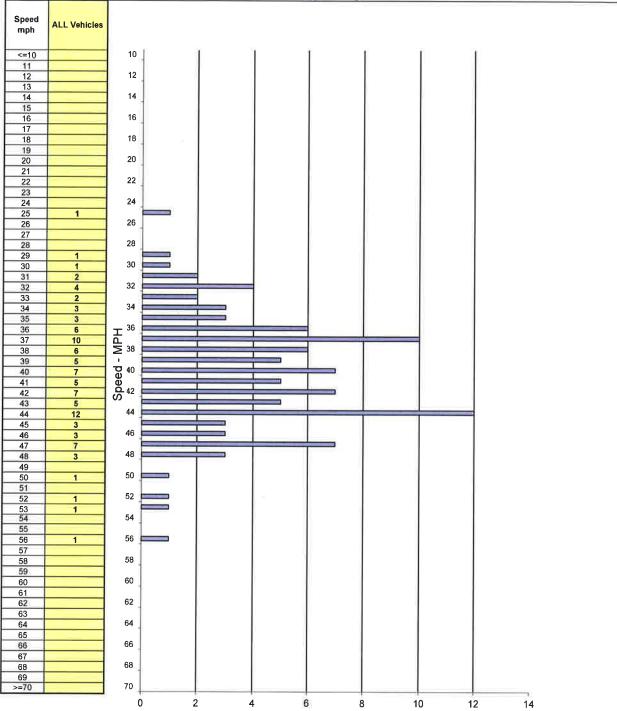
SPEED PARAMETERS											
50th 85th 10 MPH Percent in											
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace		
ΔΙΙ	202	25 - 56	40 mph	46 moh	35 - 44	132	65%	14% / 29	21% / 41		

### **City of Antioch**

DATE: 4/9/2021 Location: Hillcrest Ave Bet. Sunset Dr & Davison Dr

TIME: 13:40-14:40 Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-035

## **Northbound Spot Speeds**



	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	100	25 - 56	40 mph	46 mph	35 - 44	66	66%	14% / 14	20% / 20			

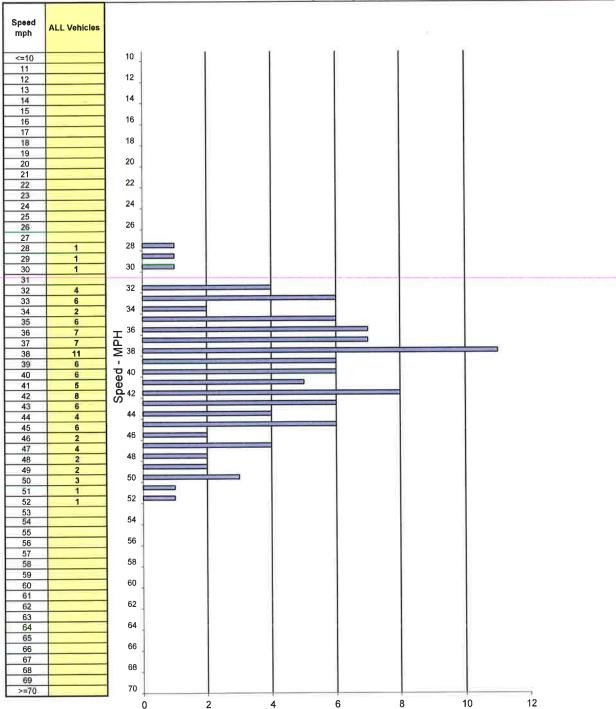
Prepared by: National Data & Surveying Services

### **City of Antioch**

DATE: 4/9/2021

Location: Hillcrest Ave Bet. Sunset Dr & Davison Dr
Posted Speed: 45 MPH Clear/Dry Project #: 2 Project #: 21-080049-035 TIME: 13:40-14:40

## **Southbound Spot Speeds**



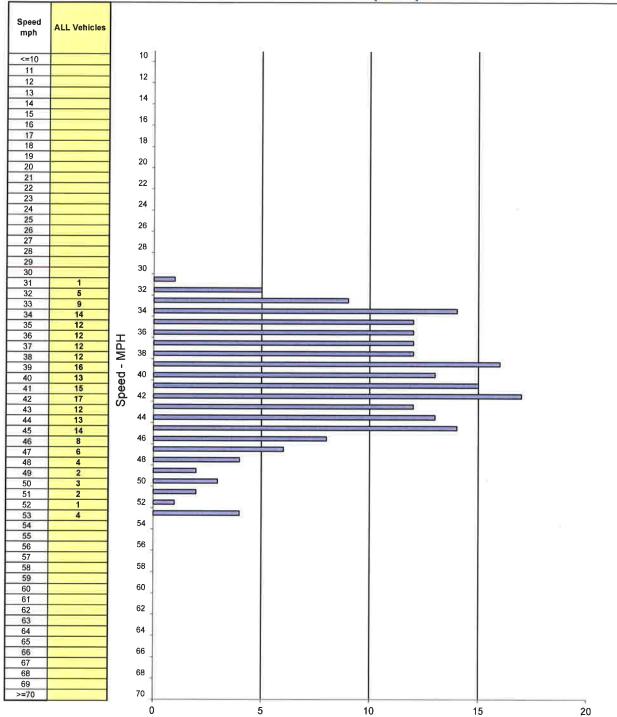
	SPEED PARAMETERS												
Class	50th 85th 10 MPH   Percent in   Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace												
ALL	102	28 - 52	39 mph	45 mph	35 - 44	66	65%	14% / 15	21% / 21				

### **City of Antioch**

**DATE: 4/8/2021** 

Location: Hillcrest Ave Bet. Davison Dr & Lone Tree Way ted Speed: 45 MPH Clear/Dry Project #: 21-080049-036 Posted Speed: 45 MPH TIME: 11:15-11:55

### **Northbound & Southbound Spot Speeds**



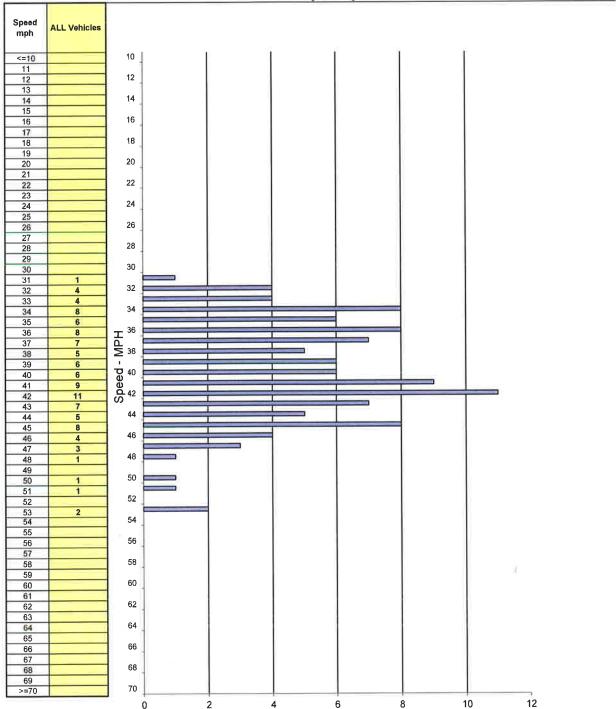
	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	ALL 207 31 - 53 40 mph 45 mph 36 - 45 136 66% 19% / 41 15% / 30												

### **City of Antioch**

DATE: 4/8/2021

Location: Hillcrest Ave Bet. Davison Dr & Lone Tree Way
Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-036 TIME: 11:15-11:55

## **Northbound Spot Speeds**



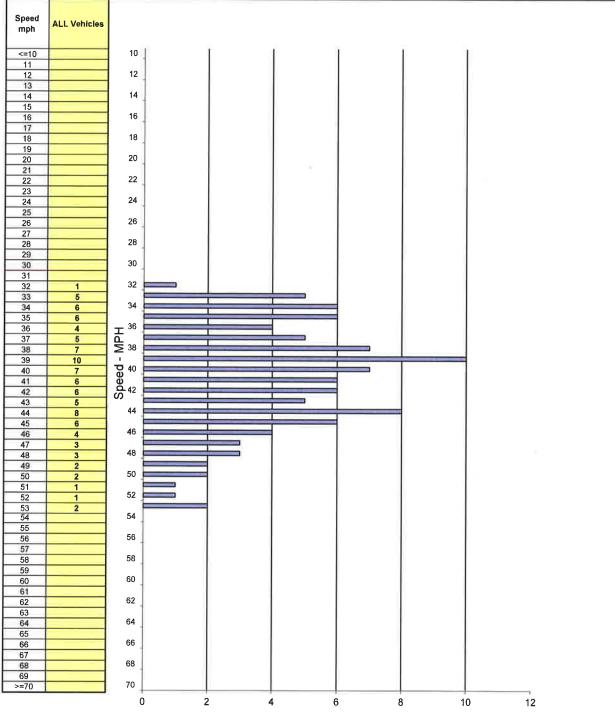
	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	107	31 - 53	40 mph	45 mph	34 - 43	73	68%	8% / 9	24% / 25				

### **City of Antioch**

DATE: 4/8/2021

Location: Hillcrest Ave Bet. Davison Dr & Lone Tree Way ed Speed: 45 MPH Clear/Dry Project #: 21-080049-036 TIME: 11:15-11:55 Posted Speed: 45 MPH

## **Southbound Spot Speeds**



	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	100	32 - 53	40 mph	46 mph	35 - 44	64	64%	12% / 12	24% / 24				

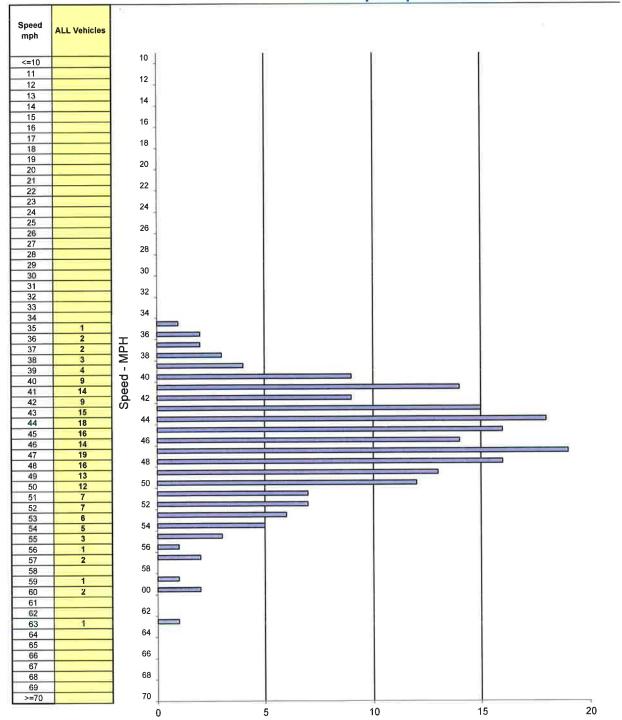
#### City of Antioch

DATE: 4/7/2021

Location: James Donlon Blvd Bet. Somersville Rd & Contra Loma Blvd

Project #: 21-080049-037 Posted Speed: 40 MPH Clear/Dry TIME: 10:40-11:30

## **Eastbound & Westbound Spot Speeds**



Number of Vehicles

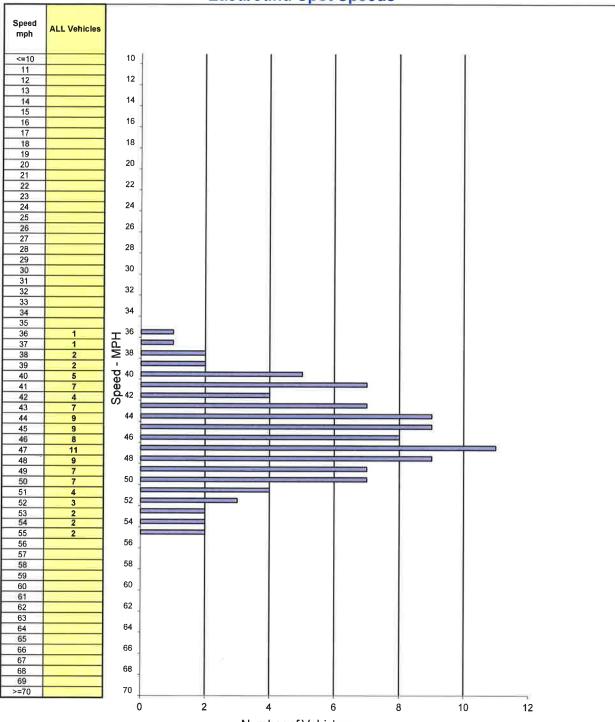
	SPEED PARAMETERS												
Class	50th 85th 10 MPH Percent in Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace												
ALL	202	35 - 63	46 mph	51 mph	41 - 50	146	72%	10% / 21	18% / 35				

### City of Antioch

DATE: 4/7/2021 TIME: 10:40-11:30

Location: James Donlon Blvd Bet. Somersville Rd & Contra Loma Blvd Posted Speed: 40 MPH Clear/Dry Project #: 21-080049-037

## **Eastbound Spot Speeds**



L		SPEED PARAMETERS												
П				50th	85th	10 MPH		Percent in						
L	Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
L	ALL	102	36 - 55	46 mph	50 mph	41 - 50	78	76%	10% / 11	13% / 13				

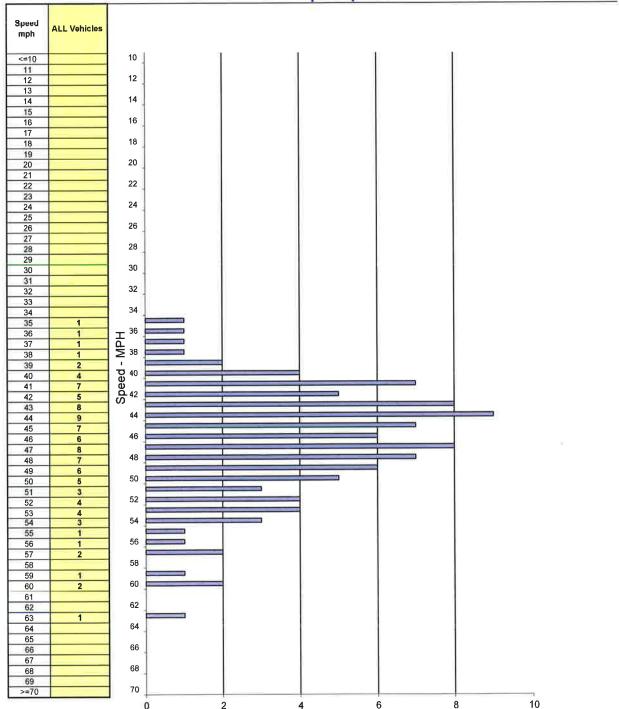
### **City of Antioch**

DATE: 4/7/2021

Location: James Donlon Blvd Bet. Somersville Rd & Contra Loma Blvd ed Speed: 40 MPH Clear/Dry Project #: 21-080049-037

Posted Speed: 40 MPH TIME: 10:40-11:30

## **Westbound Spot Speeds**



	SPEED PARAMETERS											
	50th 85th 10 MPH Percent in  Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace											
Class	Count	Range	Percentile	Percentile	Pace	# In Pace		10.1 0 0 0 1 1 1 1 1 1 1				
ALL	200/ 100											

### **City of Antioch**

**DATE: 4/9/2021** 

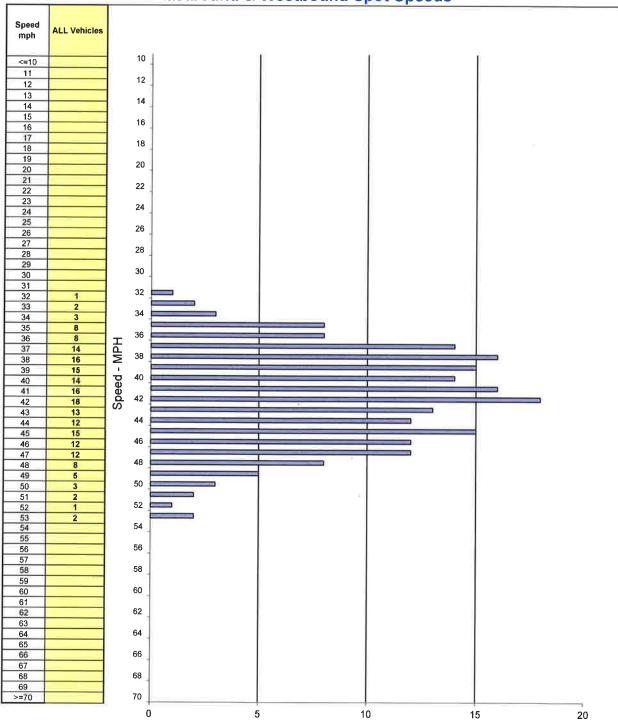
Location: James Donlon Blvd Bet. Contra Loma Blvd & Lone Tree Way

TIME: 10:15-11:05 Posted Speed: 40 MPH

Clear/Dry

Project #: 21-080049-038

## **Eastbound & Westbound Spot Speeds**

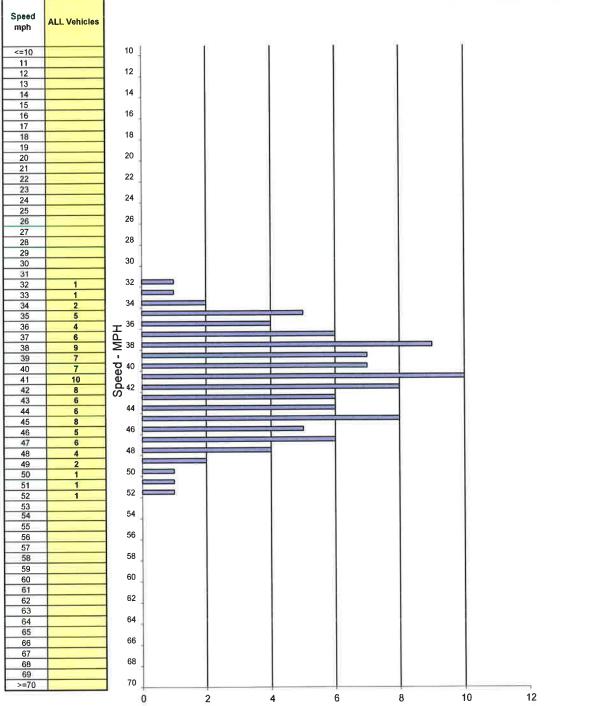


SPEED PARAMETERS												
	50th 85th 10 MPH Percent in											
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	200	32 - 53	42 mph	47 mph	37 - 46	145	73%	11% / 22	17% / 33			

### **City of Antioch**

Location: James Donlon Blvd Bet. Contra Loma Blvd & Lone Tree Way Posted Speed: 40 MPH Clear/Dry Project #: 21-080049-038 DATE: 4/9/2021 TIME: 10:15-11:05

## **Eastbound Spot Speeds**

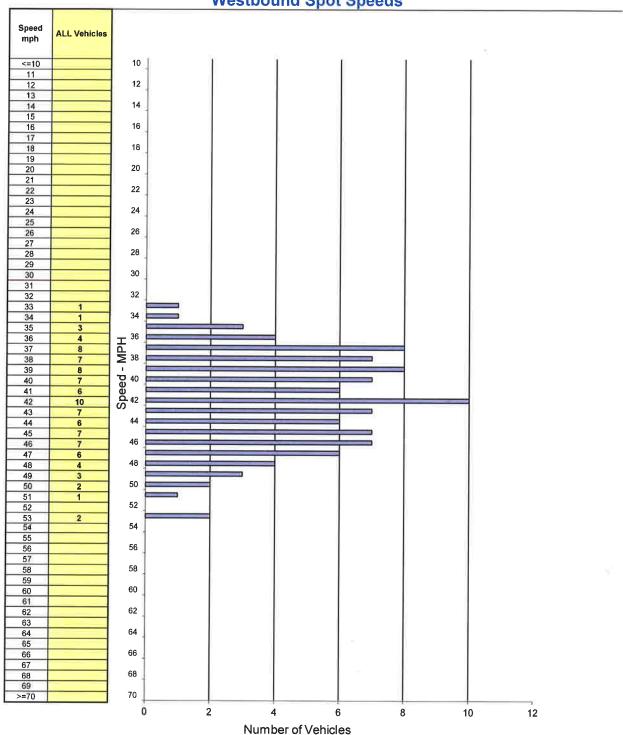


	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	100	32 - 52	41 mph	46 mph	37 - 46	72	72%	13% / 13	15% / 15				

### **City of Antioch**

Location: James Donlon Blvd Bet. Contra Loma Blvd & Lone Tree Way ted Speed: 40 MPH Clear/Dry Project #: 21-080049-038 **DATE: 4/9/2021** TIME: 10:15-11:05 Posted Speed: 40 MPH

**Westbound Spot Speeds** 



	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	100	33 - 53	42 mph	47 mph	37 - 46	73	73%	9% / 9	18% / 18				

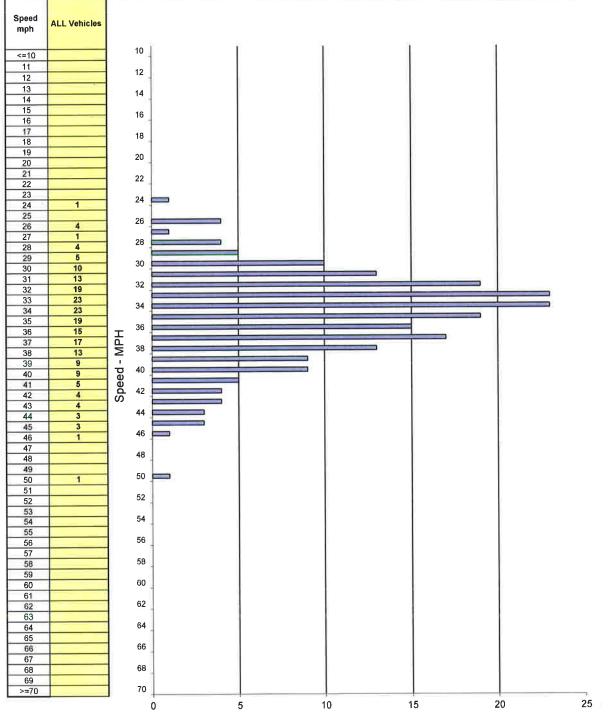
Prepared by: National Data & Surveying Services

### **City of Antioch**

DATE: 4/7/2021 Location: Lone Tree Way Bet. SR 4 & Putnam St

TIME: 13:35-14:40 Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-044

## Northbound & Southbound Spot Speeds



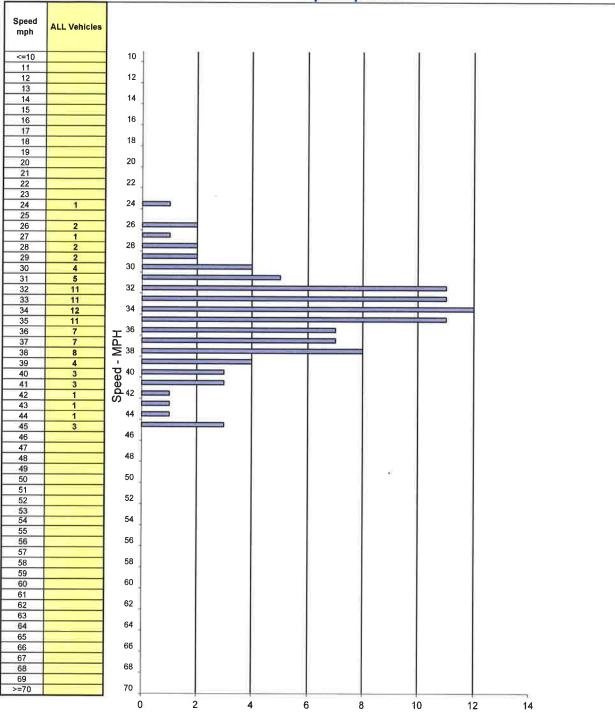
	SPEED PARAMETERS											
Class	50th 85th 10 MPH Percent in Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace											
ALL	206	24 - 50	34 mph	39 mph	30 - 39	161	78%	7% / 15	15% / 30			

### **City of Antioch**

DATE: 4/7/2021

Location: Lone Tree Way Bet. SR 4 & Putnam St Posted Speed: 35 MPH Clear/Dry Project TIME: 13:35-14:40 Project #: 21-080049-044

## **Northbound Spot Speeds**



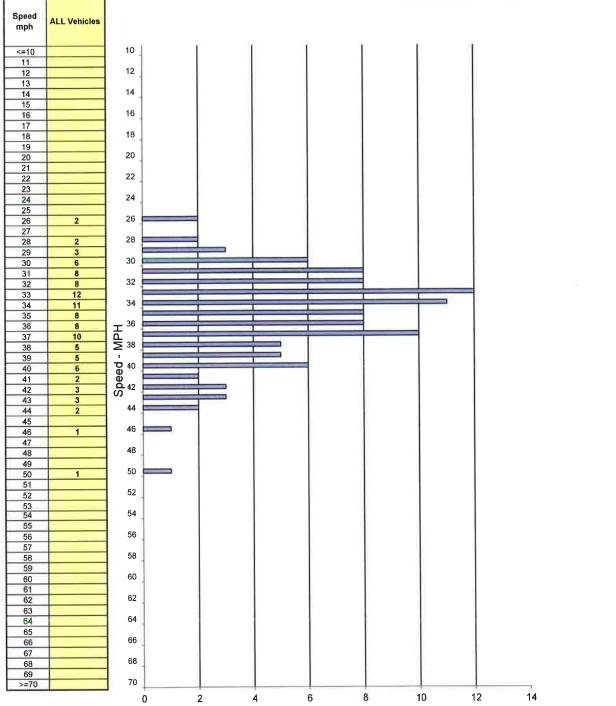
	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in	1					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	100	24 - 45	34 mph	39 mph	30 - 39	80	80%	8% /8	12% / 12				

### **City of Antioch**

DATE: 4/7/2021

Location: Lone Tree Way Bet. SR 4 & Putnam St
Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-044 TIME: 13:35-14:40

## **Southbound Spot Speeds**



	SPEED PARAMETERS												
Class	Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace												
ALL	Count 106	26 - 50	35 mph	40 mph	30 - 39	81	76%	6% / 7	17% / 18				

## **Spot Speed Study**

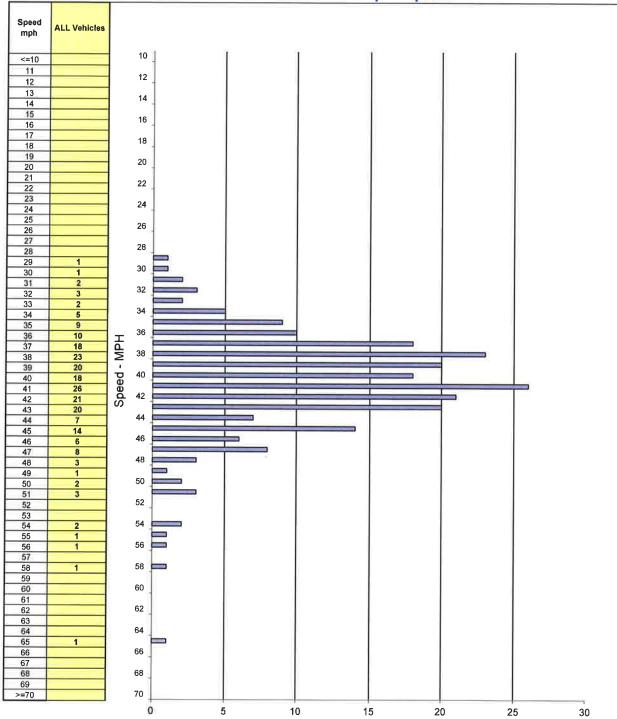
Prepared by: National Data & Surveying Services

### **City of Antioch**

DATE: 4/7/2021 TIME: 14:45-15:30

Location: Lone Tree Way Bet. Putnam St & James Donlon Blvd
Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-045

## **Northbound & Southbound Spot Speeds**



	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	229	29 - 65	41 mph	45 mph	36 - 45	177	77%	10% / 23	13% / 20				

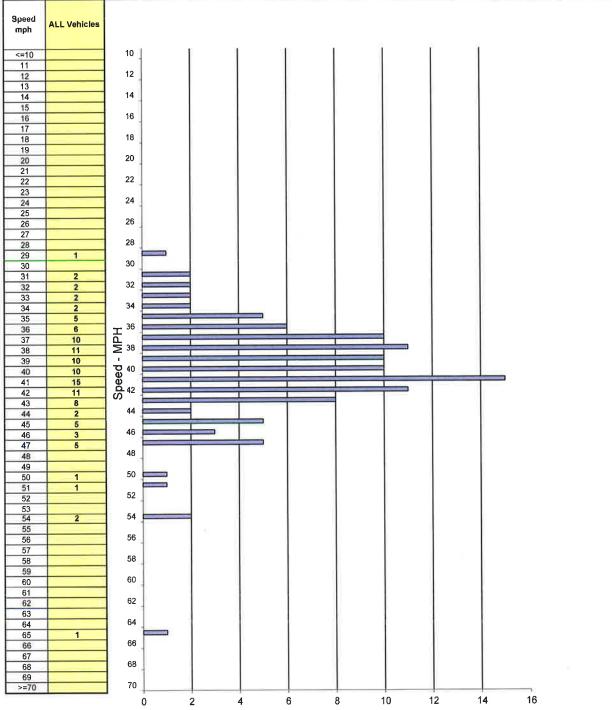
### **City of Antioch**

DATE: 4/7/2021

Location: Lone Tree Way Bet. Putnam St & James Donion Blvd red Speed: 35 MPH Clear/Dry Project #: 21-080049-045

Posted Speed: 35 MPH TIME: 14:45-15:30

## **Northbound Spot Speeds**

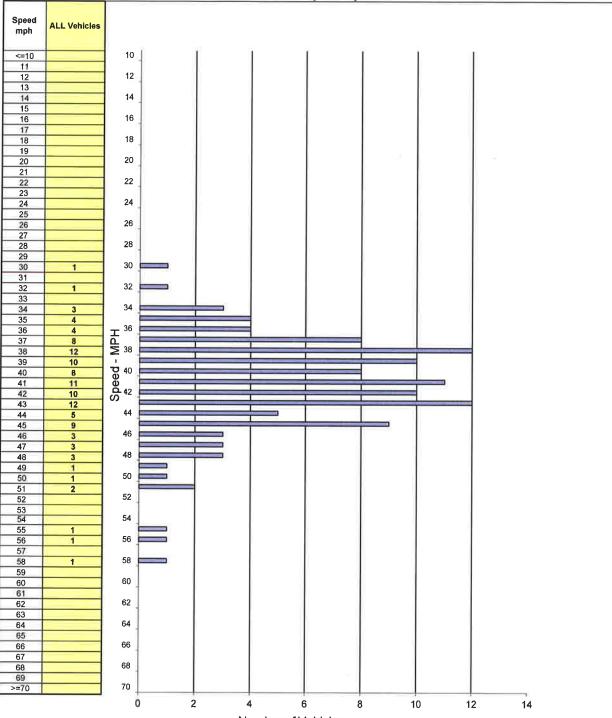


	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	115	29 - 65	40 mph	45 mph	34 - 43	88	77%	6% / 7	18% / 20				

### **City of Antioch**

Location: Lone Tree Way Bet. Putnam St & James Donlon Blvd ed Speed: 35 MPH Clear/Dry Project #: 21-080049-045 **DATE: 4/7/2021** TIME: 14:45-15:30 Posted Speed: 35 MPH

## **Southbound Spot Speeds**



	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	114	30 - 58	41 mph	45 mph	36 - 45	89	78%	7% / 9	15% / 16				

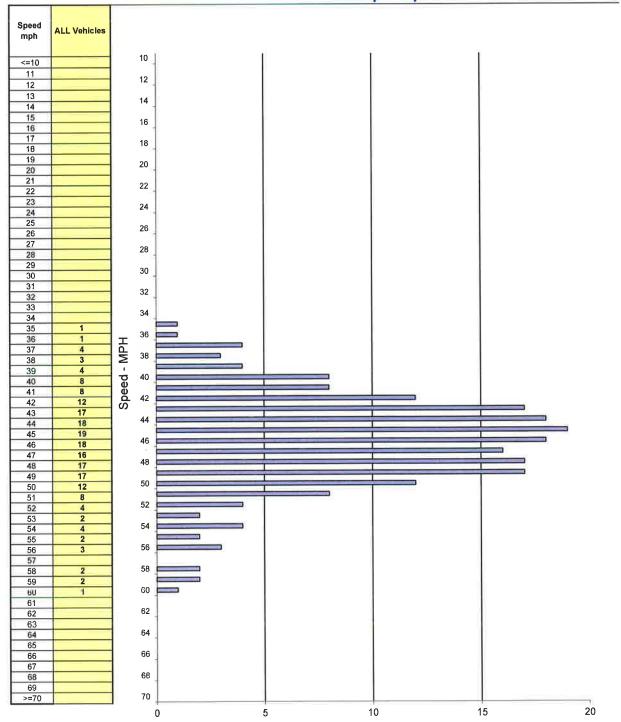
## **Spot Speed Study**

Prepared by: National Data & Surveying Services

### **City of Antioch**

DATE: 4/9/2021 TIME: 09:15-10:00 Location: Lone Tree Way Bet. James Donlon Blvd & Deer Valley Rd
Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-046

## **Northbound & Southbound Spot Speeds**



SPEED PARAMETERS											
50th 85th 10 MPH Percent in											
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace		
ΔΠ	203	35 - 60	46 mph	50 mph	41 - 50	154	76%	10% / 21	14% / 28		

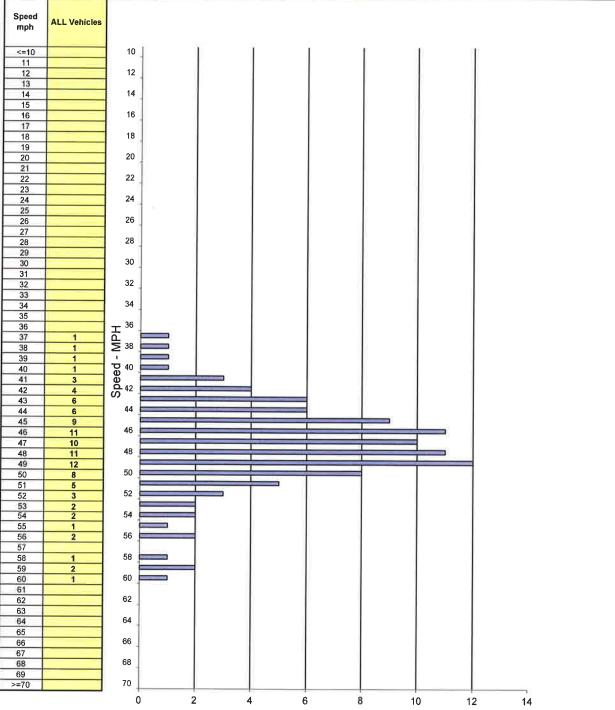
### **City of Antioch**

DATE: 4/9/2021

Location: Lone Tree Way Bet. James Donlon Blvd & Deer Valley Rd ed Speed: 45 MPH Clear/Dry Project #: 21-080049-046

TIME: 09:15-10:00 Posted Speed: 45 MPH

## **Northbound Spot Speeds**



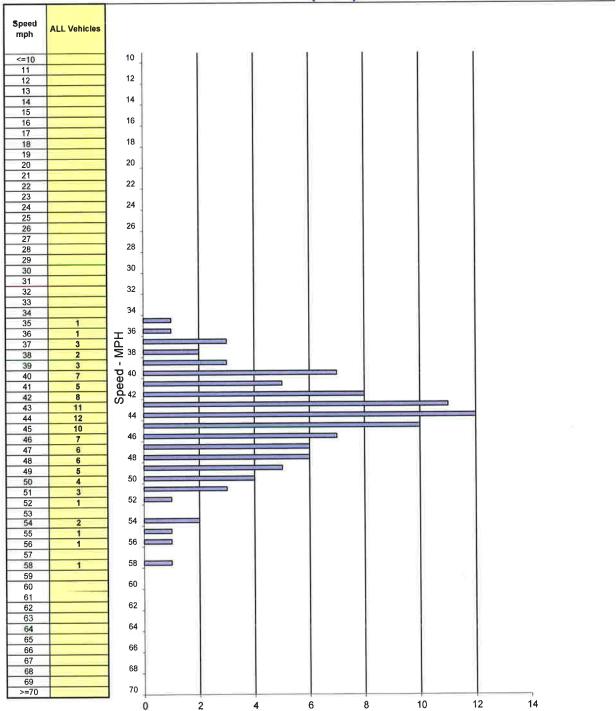
	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	103	37 - 60	47 mph	51 mph	42 - 51	82	80%	6% / 7	14% / 14				

### **City of Antioch**

DATE: 4/9/2021 TIME: 09:15-10:00

Location: Lone Tree Way Bet. James Donlon Blvd & Deer Valley Rd ted Speed: 45 MPH Clear/Dry Project #: 21-080049-046 Posted Speed: 45 MPH

## **Southbound Spot Speeds**



	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in  Class Count Range Percentile Percentile Page # in Page Page % / # Below Page % / # Above Page												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace							
ALL	100	35 - 58	44 mph	49 mph	40 - 49	77	77%	10% / 10	13% / 13				

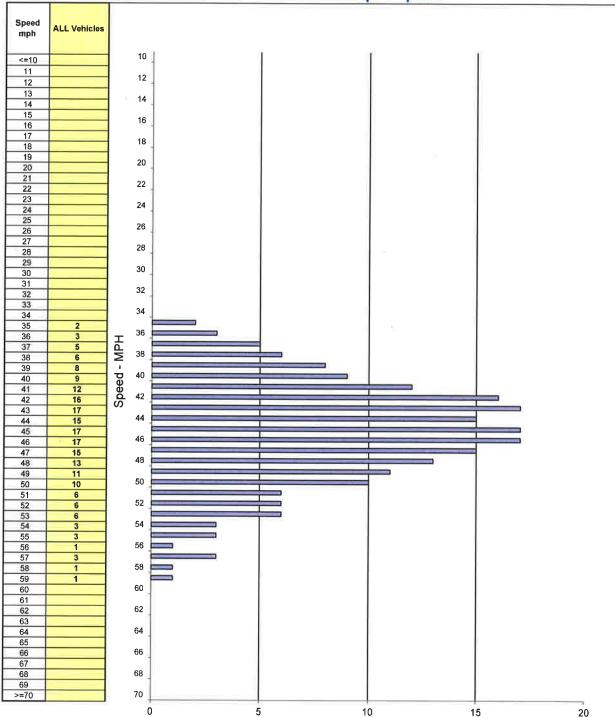
## **Spot Speed Study**

Prepared by: National Data & Surveying Services

### City of Antioch

DATE: 4/8/2021 TIME: 12:20-13:25 Location: Lone Tree Way Bet. Deer Valley Rd & East City Limits
Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-047

## **Eastbound & Westbound Spot Speeds**



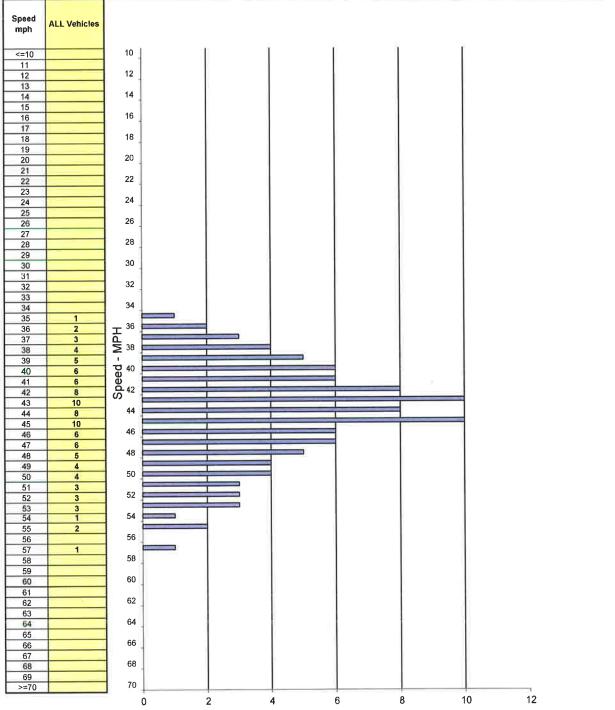
	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	206	35 - 59	45 mph	50 mph	41 - 50	143	69%	16% / 33	15% / 30				

### **City of Antioch**

DATE: 4/8/2021 TIME: 12:20-13:25

Location: Lone Tree Way Bet. Deer Valley Rd & East City Limits
Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-047

## **Eastbound Spot Speeds**

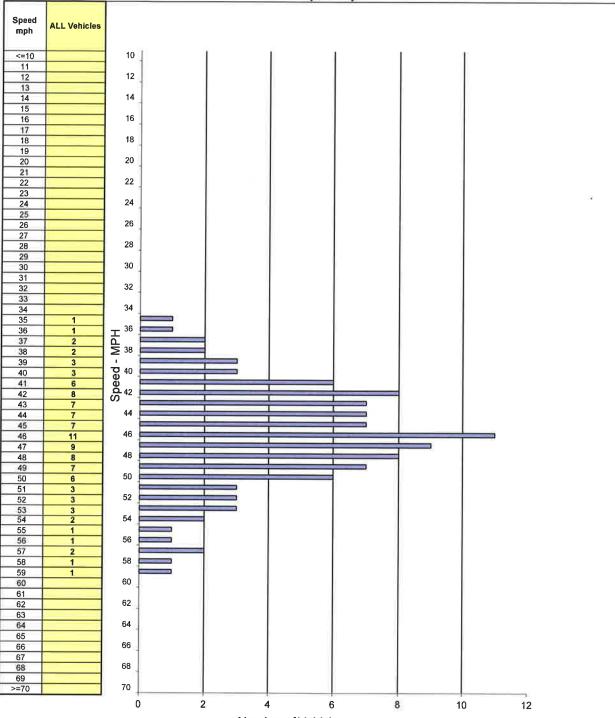


	SPEED PARAMETERS												
Class	Class Count Range Percentile Percentile Pace # in Pace Pace % / # Below Pace % / # Above Pace												
ALL	101	35 - 57	44 mph	50 mph	39 - 48	70	69%	9% / 10	21% / 21				

### **City of Antioch**

**DATE: 4/8/2021** TIME: 12:20-13:25 Location: Lone Tree Way Bet. Deer Valley Rd & East City Limits
Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-047

## **Westbound Spot Speeds**



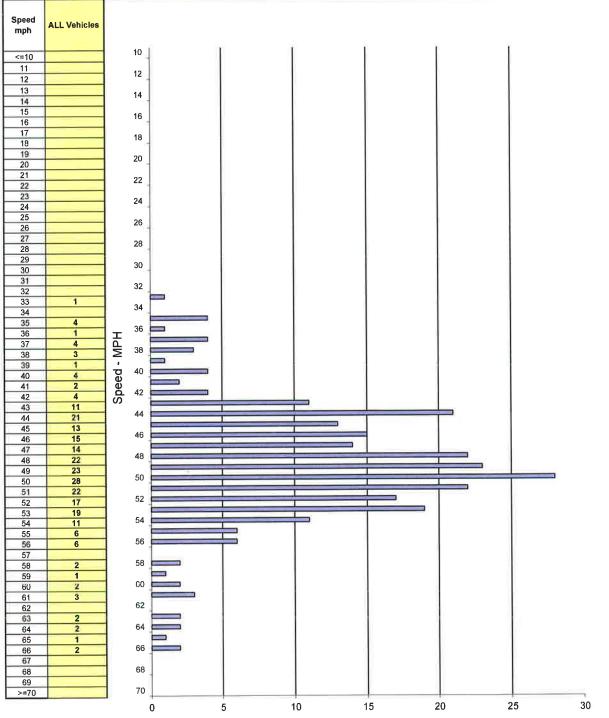
	41.			SF	PEED PAI	RAMETERS	<b>3</b> .,		
			50th	85th	10 MPH		Percent in		
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace
ALL	105	35 - 59	46 mph	51 mph	41 - 50	76	72%	11% / 12	17% / 17

### **City of Antioch**

DATE: 4/7/2021

Posted Speed: 50 MPH TIME: 09:00-10:00

## **Eastbound & Westbound Spot Speeds**



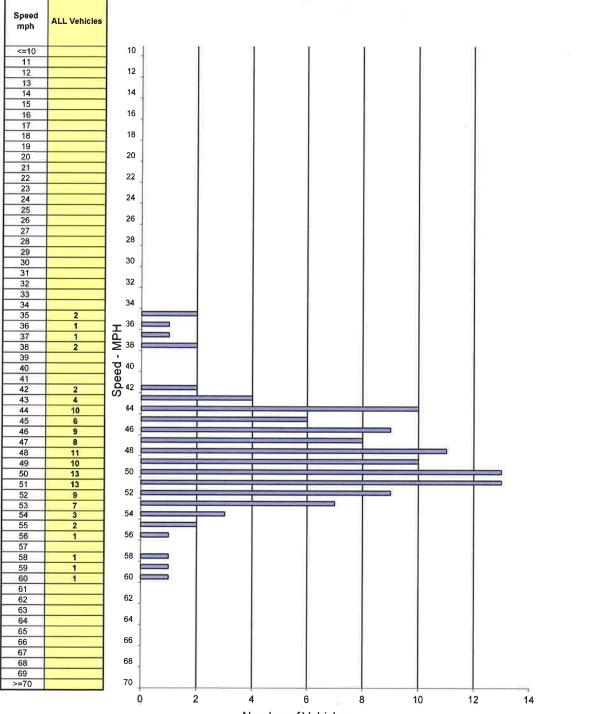
SPEED PARAMETERS												
50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	267	22 66	40 mph	53 mnh	44 - 53	194	73%	13% / 35	15% / 38			

### **City of Antioch**

DATE: 4/7/2021 TIME: 09:00-10:00 Location: Pittsburg-Antioch Hwy/W 10th St Bet. West City Limits & Auto Center Dr ed Speed: 50 MPH Clear/Dry Project #: 21-080049-051

Posted Speed: 50 MPH

## **Eastbound Spot Speeds**



	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	117	35 - 60	49 mph	52 mph	44 - 53	96	82%	10% / 12	8% / 9			

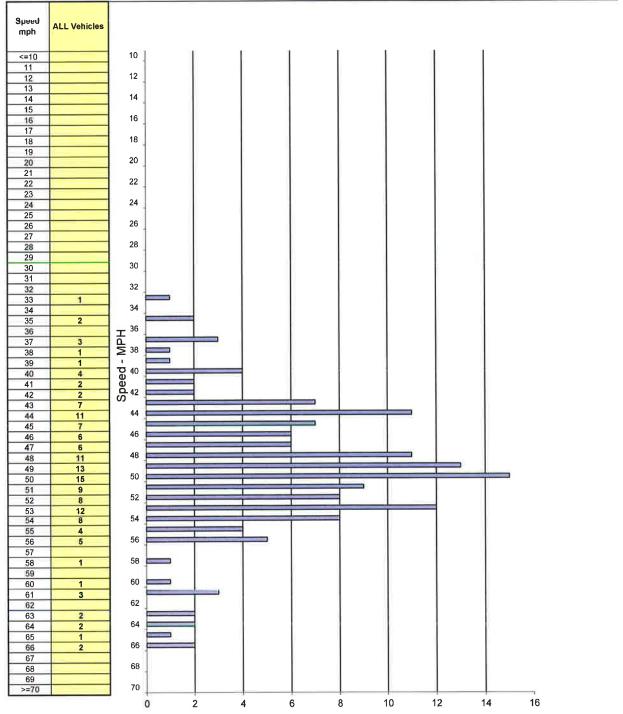
### **City of Antioch**

DATE: 4/7/2021

Location: Pittsburg-Antioch Hwy/W 10th St Bet. West City Limits & Auto Center Dr ted Speed: 50 MPH Clear/Dry Project #: 21-080049-051

Posted Speed: 50 MPH TIME: 09:00-10:00

## **Westbound Spot Speeds**



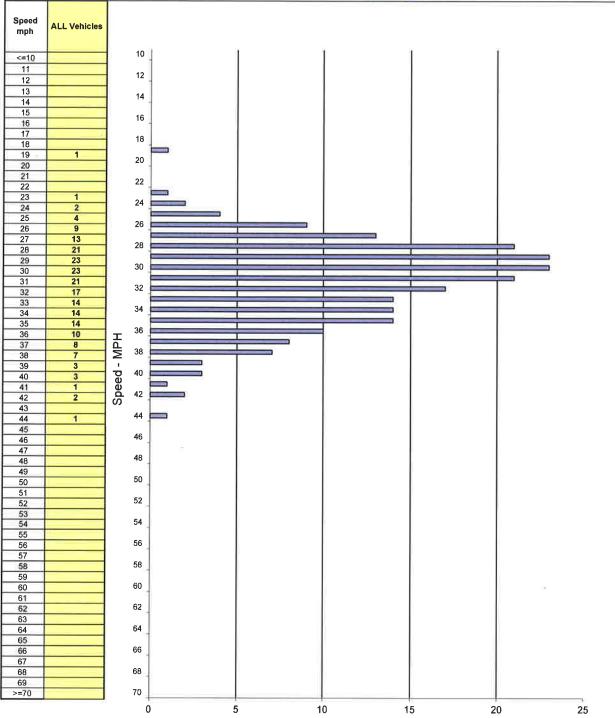
	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	150	33 - 66	49 mph	54 mph	44 - 53	98	65%	15% / 23	20% / 29			

### **City of Antioch**

DATE: 4/7/2021 Location: Somersville Rd Bet. SR 4 & Buchanan Rd

TIME: 10:15-11:30 Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-056

## **Northbound & Southbound Spot Speeds**



Number of Vehicles

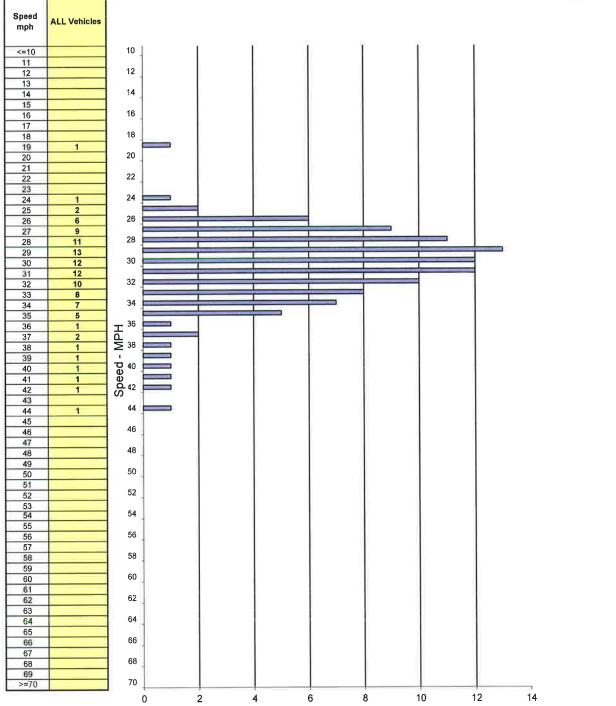
	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	212	19 - 44	31 mph	36 mph	27 - 36	170	80%	8% / 17	12% / 25			

### **City of Antioch**

DATE: 4/7/2021

Location: Somersville Rd Bet. SR 4 & Buchanan Rd Posted Speed: 35 MPH Clear/Dry Project #: Project #: 21-080049-056 TIME: 10:15-11:30

## **Northbound Spot Speeds**



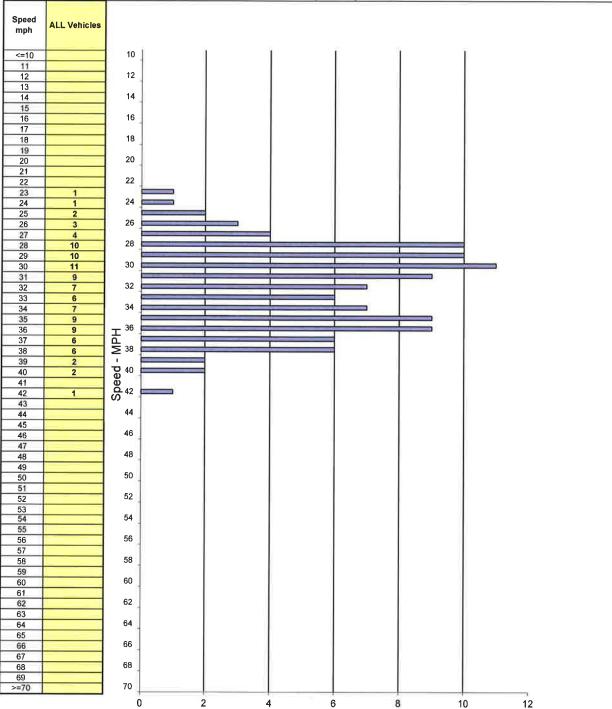
	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	106	19 - 44	30 mph	34 mph	26 - 35	93	88%	3% / 4	9% / 9			

### **City of Antioch**

DATE: 4/7/2021 Location: Somersville Rd Bet. SR 4 & Buchanan Rd

TIME: 10:15-11:30 Posted Speed: 35 MPH Clear/Dry Project #: 21-080049-056

## **Southbound Spot Speeds**



	SPEED PARAMETERS											
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in	0/ /# Dalam Bass	S/ / // Ab B			
	Count	Range	Percentile	Percentile	Pace	# In Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	106	23 - 42	32 mph	37 mph	28 - 37	84	79%	10% / 11	11% / 11			

## **Spot Speed Study**

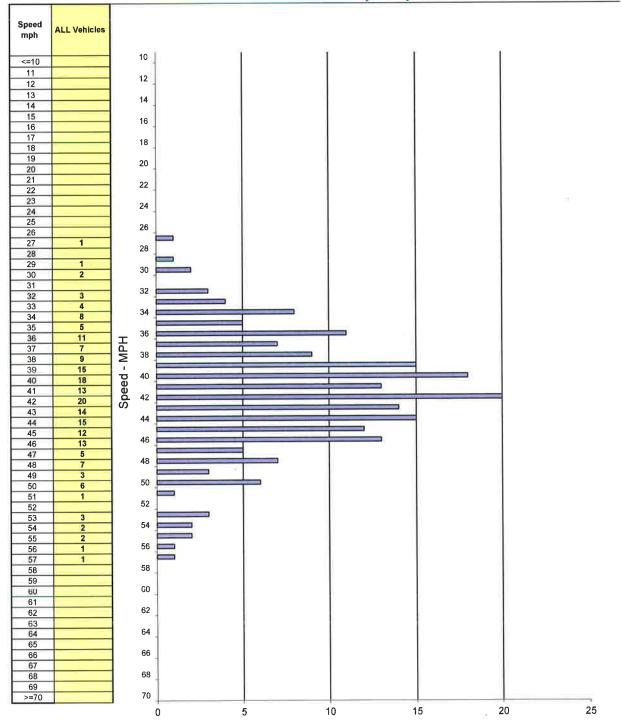
Prepared by: National Data & Surveying Services

### **City of Antioch**

Location: Wilbur Ave Bet. Cavallo Rd & Minaker Dr

DATE: 4/8/2021 TIME: 14:30-15:25 Posted Speed: 40 MPH Clear/Dry Project #: 21-080049-065

## **Eastbound & Westbound Spot Speeds**



Number of Vehicles

	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ΔΠ	202	27 - 57	42 mph	47 mph	37 - 46	136	67%	17% / 35	16% / 31				

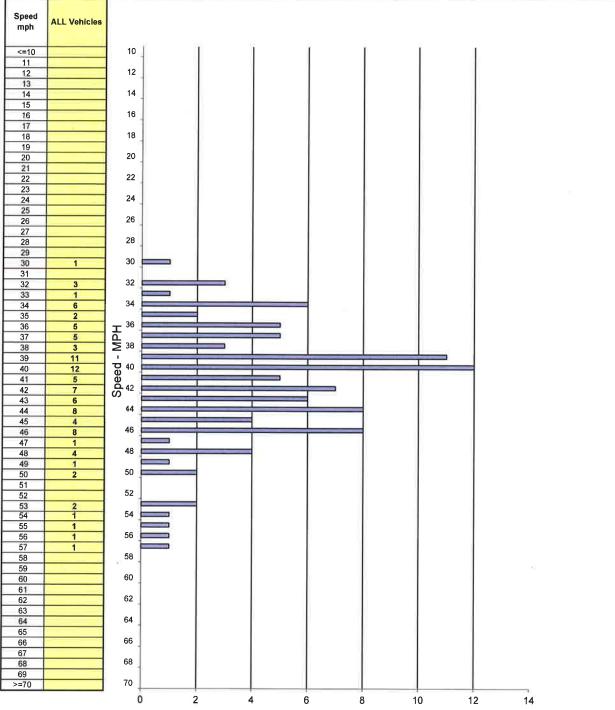
### **City of Antioch**

DATE: 4/8/2021

Location: Wilbur Ave Bet. Cavallo Rd & Minaker Dr

TIME: 14:30-15:25 Posted Speed: 40 MPH Clear/Dry Project #: 21-080049-065

## **Eastbound Spot Speeds**



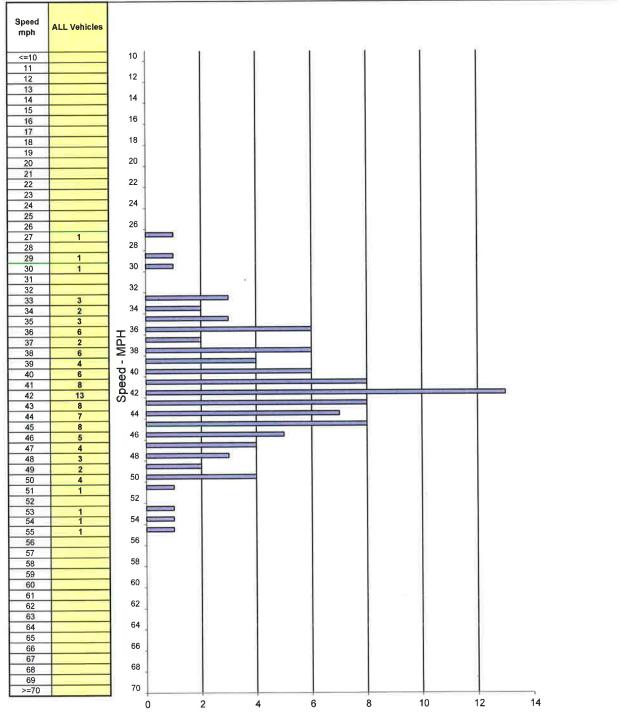
	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in		×			
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	101	30 - 57	41 mph	46 mph	37 - 46	69	68%	17% / 18	14% / 14			

### **City of Antioch**

DATE: 4/8/2021

Location: Wilbur Ave Bet. Cavallo Rd & Minaker Dr ted Speed: 40 MPH Clear/Dry Project #: Project #: 21-080049-065 TIME: 14:30-15:25 Posted Speed: 40 MPH

## **Westbound Spot Speeds**



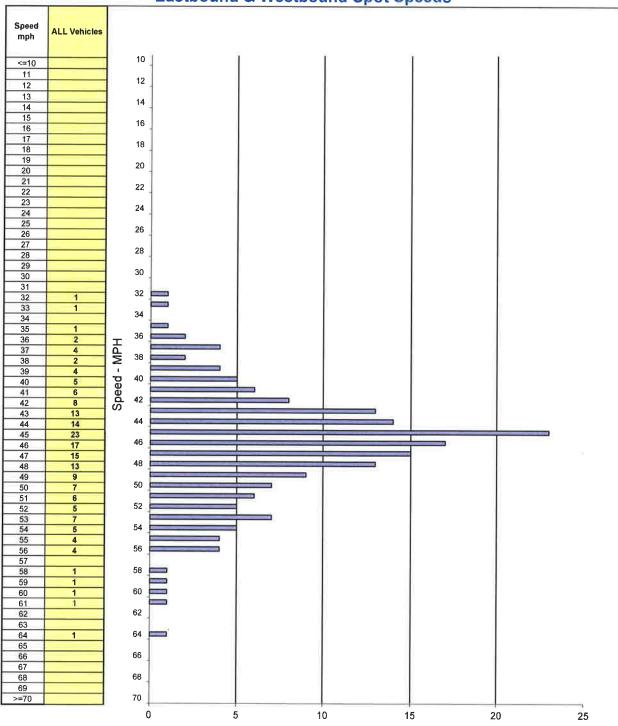
	SPEED PARAMETERS											
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace			
ALL	101	27 - 55	42 mph	47 mph	38 - 47	69	68%	18% / 19	13% / 13			

### **City of Antioch**

DATE: 4/9/2021 TIME: 09:00-10:00

Location: Wilbur Ave Bet. 1600' E/O Minaker Dr & East City Limits ed Speed: 45 MPH Clear/Dry Project #: 21-080049-066 Posted Speed: 45 MPH

**Eastbound & Westbound Spot Speeds** 



Num	ber	of \	/eh	icles

	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	181	32 - 64	46 mph	52 mph	41 - 50	125	69%	11% / 20	20% / 36				

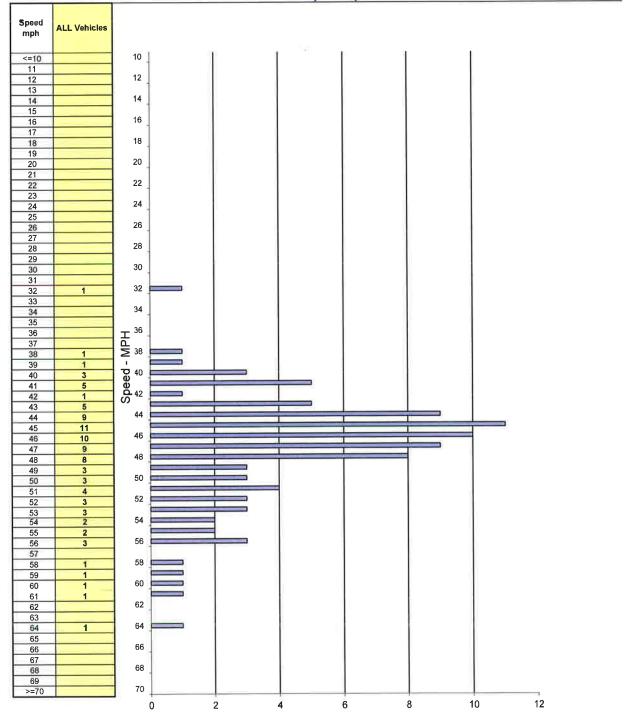
### **City of Antioch**

DATE: 4/9/2021

Location: Wilbur Ave Bet. 1600' E/O Minaker Dr & East City Limits ted Speed: 45 MPH Clear/Dry Project #: 21-080049-066

TIME: 09:00-10:00 Posted Speed: 45 MPH

## **Eastbound Spot Speeds**



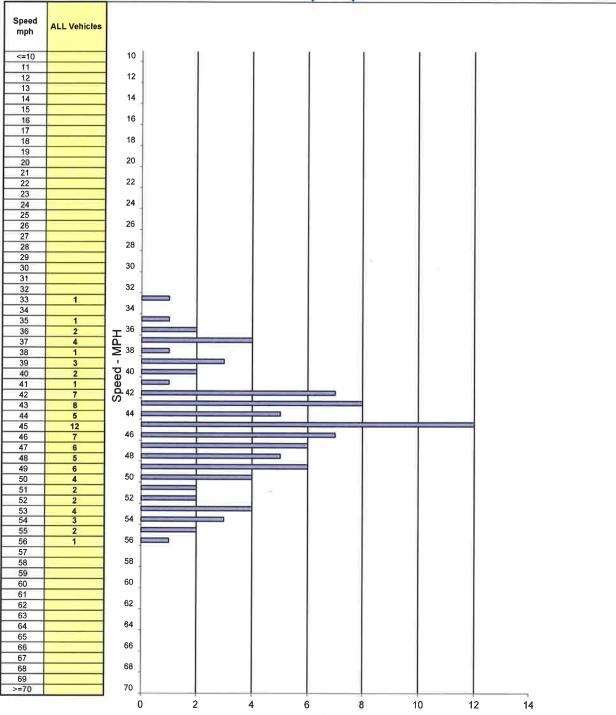
Number of Vehicles

	SPEED PARAMETERS												
			50th	85th	10 MPH		Percent in						
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	92	32 - 64	46 mph	53 mph	43 - 52	65	71%	13% / 12	17% / 15				

### **City of Antioch**

Location: Wilbur Ave Bet. 1600' E/O Minaker Dr & East City Limits ed Speed: 45 MPH Clear/Dry Project #: 21-080049-066 **DATE: 4/9/2021** TIME: 09:00-10:00 Posted Speed: 45 MPH

## **Westbound Spot Speeds**



	SPEED PARAMETERS											
			50th	85th	10 MPH		Percent in					
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	89	33 - 56	45 mph	51 mph	42 - 51	62	70%	16% / 15	14% / 12			

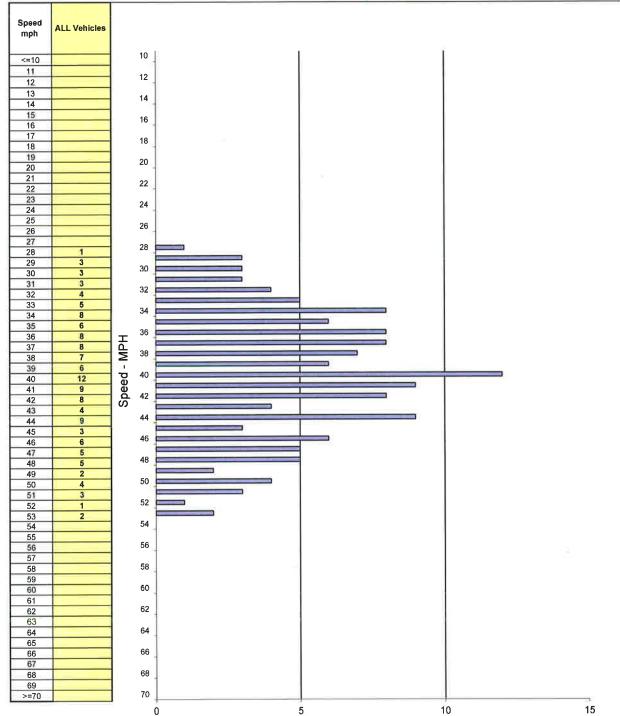
### City of Antioch

DATE: 4/9/2021

Location: Wild Horse Rd Bet. Hillcrest Ave & Sweet Water St

Project #: 21-080049-067 Clear/Dry TIME: 10:20-12:00 Posted Speed: 45 MPH

## **Eastbound & Westbound Spot Speeds**



Number of Vehicles

	SPEED PARAMETERS											
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace			
ALL	135	28 - 53	40 mph	47 mph	33 - 42	77	57%	10% / 14	33% / 44			

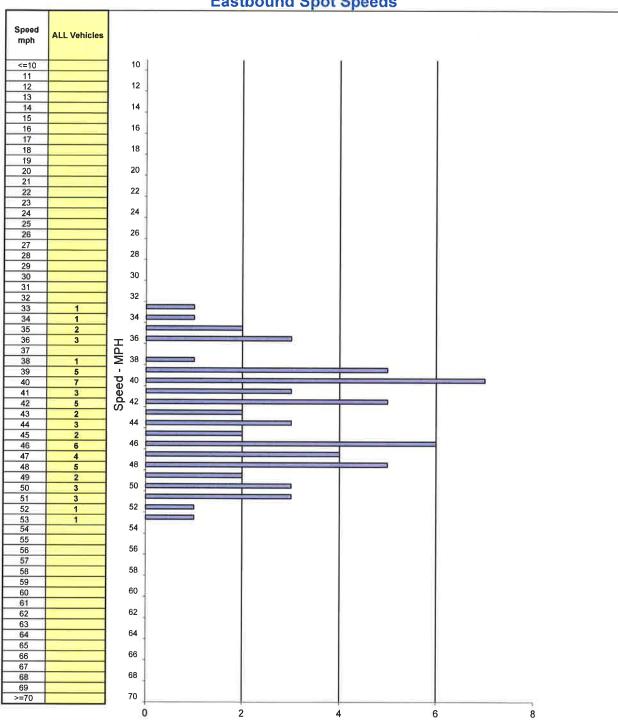
### **Spot Speed Study**

Prepared by: National Data & Surveying Services

### **City of Antioch**

**DATE: 4/9/2021** Location: Wild Horse Rd Bet. Hillcrest Ave & Sweet Water St
Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-067 TIME: 10:20-12:00

**Eastbound Spot Speeds** 



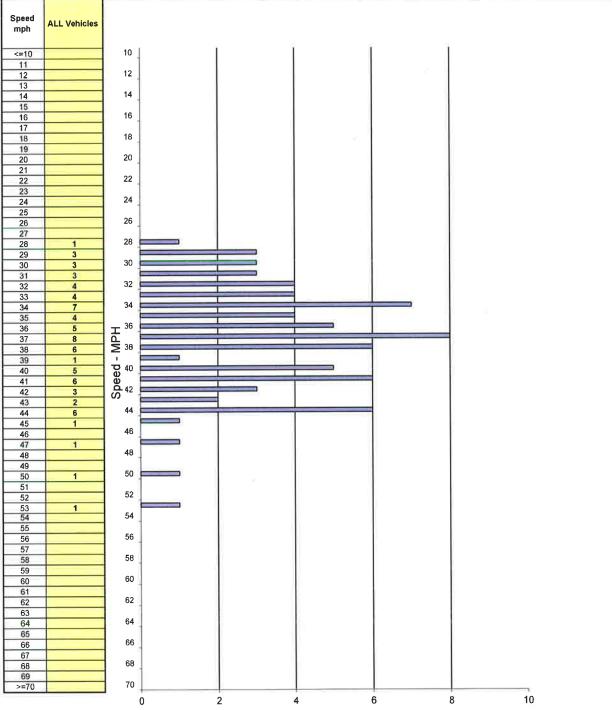
	SPEED PARAMETERS											
	50th 85th 10 MPH Percent in											
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace			
ALL	60	33 - 53	43 mph	49 mph	39 - 48	42	70%	13% / 8	17% / 10			

### City of Antioch

Location: Wild Horse Rd Bet. Hillcrest Ave & Sweet Water St
Posted Speed: 45 MPH Clear/Dry Project #: 21-080049-067 DATE: 4/9/2021

TIME: 10:20-12:00

## **Westbound Spot Speeds**



				SF	PEED PAR	RAMETERS			
			50th	85th	10 MPH		Percent in		
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace
ALL	75	28 - 53	37 mph	43 mph	32 - 41	1			

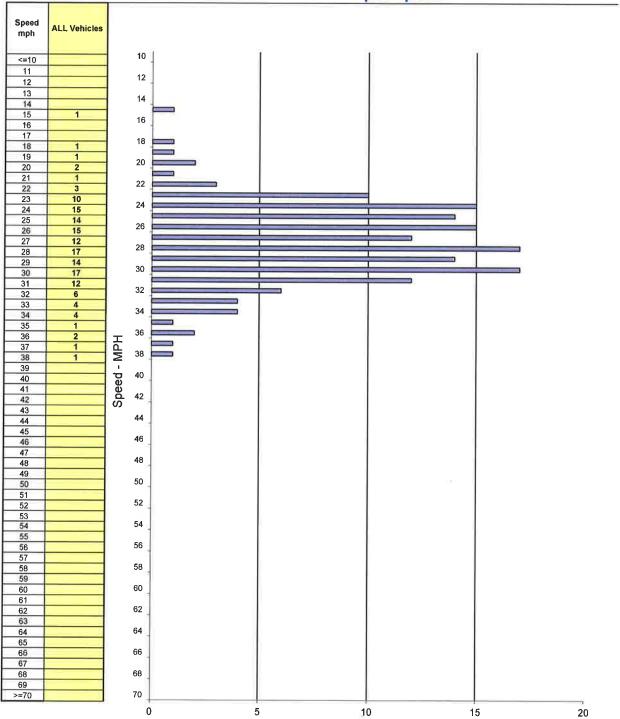
### City of Antioch

DATE: 4/8/2021

Location: Worrell Rd Bet. Lone Tree Way & Garrow Dr

TIME: 13:50-15:30 Posted Speed: 25 MPH Clear/Dry Project #: 21-080049-068

## **Eastbound & Westbound Spot Speeds**



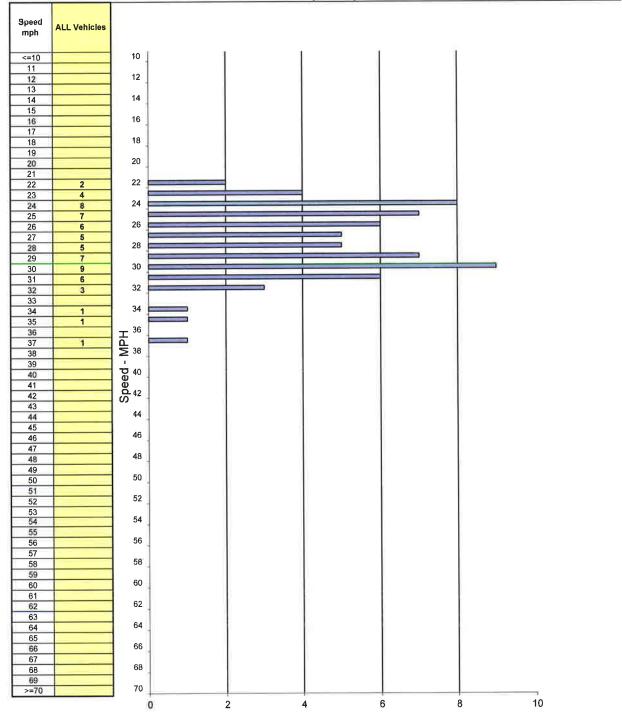
	SPEED PARAMETERS												
	50th 85th 10 MPH Percent in												
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace				
ALL	154	15 - 38	28 mph	31 mph	23 - 32	132	86%	5% / 9	9% / 13				

### **City of Antioch**

DATE: 4/8/2021

Location: Worrell Rd Bet. Lone Tree Way & Garrow Dr ted Speed: 25 MPH Clear/Dry Project #: 21-080049-068 TIME: 13:50-15:30 Posted Speed: 25 MPH

## **Eastbound Spot Speeds**



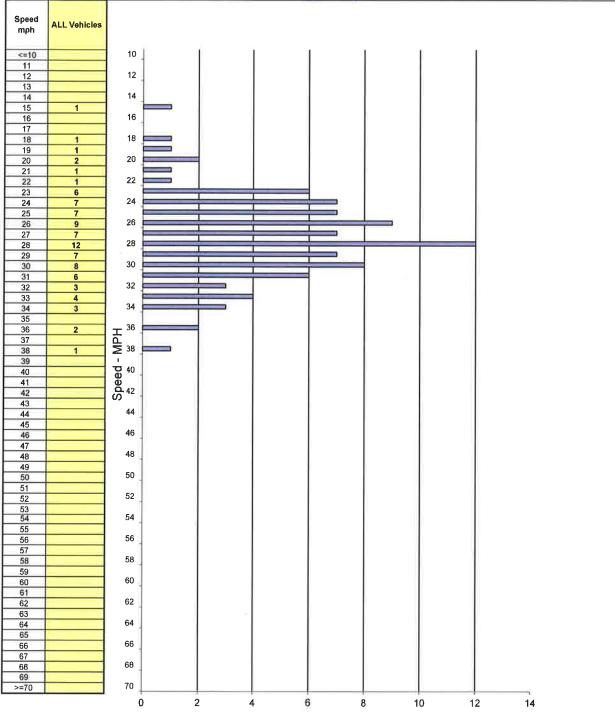
SPEED PARAMETERS									
			50th	85th	10 MPH		Percent in		
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace
ALL	65	22 - 37	28 mph	31 mph	23 - 32	60	92%	3% / 2	5% / 3

### **City of Antioch**

DATE: 4/8/2021

Location: Worrell Rd Bet. Lone Tree Way & Garrow Dr
Posted Speed: 25 MPH Clear/Dry Project #: 21-080049-068 TIME: 13:50-15:30

## **Westbound Spot Speeds**



				SF	EED PAR	RAMETERS	3		
			50th	85th	10 MPH		Percent in		
Class	Count	Range	Percentile	Percentile	Pace	# in Pace	Pace	% / # Below Pace	% / # Above Pace
ALL	89	15 - 38	28 mph	31 mph	23 - 32	72	81%	7% 17	12% / 10

# APPENDIX E

Radar/Lidar Gun and Operator(s) Certifications



# TRAFFIC RADAR CERTIFICATION

TESTED TO NHTSA SPECIFICATIONS / IACP CRITICAL PERFORMANCE STANDARDS (NHTSA) National Highway and Traffic Safety Administration.
(IACP) International Association of Chiefs of Police

16202 Keats Circle Westminster, Calif. 92683 R.H.F. is a certified independent testing and repair facility.

	Westminster, Cali										
1	TEST ID	Date Received 1 -	18	Certification				Y			
2	DEVICE ID	Make: Kustom Electronics		Model: Fa			: (1-IV) <b>III</b>		Directional radar  ☐ Yes   ✓ No	Same directi	on No
2	DEVICE ID	Counting unit S/N 2	/	Antenna-I	S/N N	A	Antenna-2 S/8			N/A	
	§ 2,4 / § 5,4	Low speed fork S/N		fate calib	Freq. (Hz	)	Speed (mph)		Measured (Hz)		
3	TUNING FORK CALIBRATION	High speed fork S/N	Last date calib		Freq. (Hz	Freq. (Hz)		iph)	Measured (Hz)	PASS	FAIL
					]	o fork			High fork		
		Stationary mode	Fork sp	peed (mph)		35			65		
	§ 2,5 / § 5,5 RADAR DEVICE	stationary mode	Disp. S	peed (mph)		35			65		
4	TUNING FORK TESTS	Moving mode Opposite Direction		F SPEED - Lo fork)	Expected.	N/	'A	Displ (mph	BY ( )	(PASS)	FAIL
		Moving mode Same Direction	TARGET Hi fork + Ho fork -		Expected. (mph)	N/	'A	Displ (mph	B714		
	§ 2.6.1./§ 5.6.1	Standard supply Voltage (V) 13		Antenna 1 Freq: GHz = 2	24.10	4	Anteni Freq. (		N/A		
5	TRANSMISSION FREQUENCY	Standard supply Voltage - 20% (V) 10		Antenna 1			Anteni Freq. (		N/A	(PASS)	FAIL
	STABILITY	Standard supply	1	Freq. GHz 2 4.104 Antenna 1 Freq. GHz 2 4.104			Anteni Freq. (	na 2	N/A		
6	§ 2.6.5 / § 5.6.5 POWER DENSITY	Mfg, Spec (max mW/cm) ≤	1	Antenna 1 Power (mW/cr			Antenr		m) N/A	PASS	FAIL
7	§ 2.8 / § 5.8 LOW VOLTAGE	Mfg, spec. (V) ≤ I		LVA activates (V) LVA deacti					tes 10.6	PASS	FAIL
8	\$ 2.9.1 / \$ 5.9.1 DOPPLER AUDIO	A. Audio tone correla     B. Functioning audio			ol			Yes Yes	□ No □ No	PASSI	FAIL.
y	§ 2.12.4 / § 5.12.4 INTERNAL CIRCUIT	Mfg. Spec.		Test results			2		PASS	FAIL	
10	§ 2.12.6.5 / § 5.12.6.5 DIRECTIONAL	A. Selects only targe B. Selects only target				□ Yes			IN A. SN.A.	PASS	FAIL
		Stationary mode:	1	.ow speed spe	c 20		Lo spe	ed disp	20		
	§ 2.12.7 / § 2.12.8 /	target channel (mph)	F	Hi speed spee. 199			Hi spe	ed disp.	199		
11	5.12.7 / 5.12.8 LOW AND HIGH	Moving Mode	1	.ow speed spe	c. N/A		Lo spe	ed disp	N/A	PASS	FAIL
	SPEED DISPLAY TEST	target channel (mph)	ŀ	li speed spee.	N/A	_	Hi spec	ed disp.	N/A		LAID
		Moving Mode:	1	ow speed spe			Lo spe	ed disp		_	
		patrol channel (mph)	F	li speed spec.	N/A		Hi spec	ed disp	N/A		
12	§ 2.13 / § 5.13 RFL TEST					10				PASS	FAIL.
13	LABORATORY COMMENTS								e		
14	NHTSA/IACP CERTIFICATION	This radar device thighway Safety Ad							4080ž Æ	onal Traffic TPASS   - 3 / -/	FAIL
15	INVENTORY	D Fork Cert D Carrying Case	Manual Other: (p		Ant	□ Re	emote	а	Bat		
		, , , , , , , , , , , , , , , , , , , ,									



# TRAFFIC RADAR CERTIFICATION

TESTED TO NHTSA SPECIFICATIONS / IACP CRITICAL PERFORMANCE STANDARDS (NHTSA) National Highway and Traffic Safety Administration.
(IACP) International Association of Chiefs of Police

16202 Keats Circle Westminster, Calif. 92683 R.H.F. is a certified independent testing and repair facility..

1	TEST ID	Date Received	¥.	Certification	Number 9	<i>'</i>					
		Make: Kustom Electronics		Model: Fal	lcon and Runner		e (1-1V)		irectional radar  Yes No	Same direction	on ≱″ No
2	DEVICE ID	Counting unit S/N		Antenna-1	12000	A		Λ	ntenna-2 S/N	N/A	
	§ 2.4 / § 5.4	Low speed fork S/N	late calib.	Freq. (Hz	:)	Speed (m	ed (mph) Measured (Hz)				
3	TUNING FORK CALIBRATION	High speed fork S/N	Last c	late calib	Freq. (Hz) Speed (mph		ph) N	leasured (Hz)	PASS	FAII	
-			015 401 68		o for			High fork	_		
			Fork st	need (mph)		35			65		
	§ 2.5 / § 5.5	Stationary mode	Disp. S	peed (mph)		35	_		65		
4 RADAR DEVICE TUNING FORK TESTS	Moving mode Opposite Direction	1	F SPEED – Lo fork)	Expected (mph)		/ <b>A</b>	Display (mph)	BITTA	(PASS)	FAII	
		Moving mode Same Direction	TARGET Hi fork + Ho fork -		(mph)		/ <b>A</b>	Display (mph)	N/A		
	\$ 2.6.1. / \$ 5.6.1	Standard supply Voltage (V) 13		Antenna I	24.17	/	Anteni Freq. (		N/A		
5	TRANSMISSION FREQUENCY	Standard supply Voltage ~ 20% (V) 10	Antenna 1 Antenna 2 Freq. GHz Z Y. 77 Freq. GHz				na 2 GHz	N/A	PASS	FAI	
	STABILITY	Standard supply voltage + 20% (V) 16		Antenna I Freq. GHz	24.1	71	Anteni Freq. (		N/A		
6	§ 2.6.5 / § 5.6.5 POWER DENSITY	Mfg. Spec.		Antenna I Power (mW/cm) 6 3			Antenna 2 Power (mW/c		/cm) N/A		FAI
7	§ 2.8 / § 5.8 LOW VOLTAGE	Mfg. spec.		LVA activates	activates 9.3		LVA (	deactivati	10,6	PASS	FAI
8	§ 2.9.1 / § 5.9.1 DOPPLER AUDIO	A. Audio tone correla	ates with re	ceived Dopple				Yes Yes	a No a No	PASS	FAI
9	§ 2.12.4 / § 5.12.4 INTERNAL	Mfg. Spec.	Test results						PASS	FAI	
10	CIRCUIT § 2.12.6.5 / § 5.12.6.5	A. Sclects only targe B. Selects only targe			аг	П Y			NA. NA	PASS	FAI
-	DIRECTIONAL			Low speed spe	ec. 20		Lo spe	eed disp.	20		+
		Stationary mode: target channel (mph)	-	Hi speed spec			_	ed disp.	199		
	§ 2.12.7 / § 2.12.8 / 5.12.7 / 5.12.8	Moving Mode		Low speed spe	ec. N/A		Lo spe	eed disp.	N/A		
H	LOW AND HIGH SPEED DISPLAY	target channel (mph)		Hi speed spec.	N/A		Hi spo	ed disp	N/A	PASS	FA
	TEST	Moving Mode:		Low speed spe	c. N/A		Lo spe	eed disp.	N/A		
		patrol channel (mph)		Hi speed spee	N/A	4	Hi spe	ed disp	N/A		
12	§ 2.13 / § 5.13 RFL TEST									PASS	FΑ
13	LABORATORY COMMENTS										
14	NHTSA/IACP CERTIFICATION	This radar device Highway Safety A	meets or dministr	exceeds the cation. Cali	e minimo ifornia V	al op Tehicl	erational le Code S	l stando Section	ards of the Nat 40802 \$\int\{\text{Date:} \square\{\text{O}\cdot\}\end{are:}	ZPASS □	FAI
15	INVENTORY	a Fork Cert a Carrying Case		□ 2 <sup>ni</sup> (please list)	d Ant.	מ	Remote	Ü	Bat,		



# TRAFFIC RADAR CERTIFICATION

TESTED TO NHTSA SPECIFICATIONS / IACP CRITICAL PERFORMANCE STANDARDS (NHTSA) National Highway and Traffic Safety Administration. (IACP) International Association of Chiefs of Police

16202 Keats Circle Westminster, Calif. 92683 R.H.F. is a certified independent testing and repair facility.

	Westminster, Cali	·									
1	TEST ID	Date Received 1-1	8	Certification	Number	-					
		Make:	Model: Fa			e (1-IV)	1	Directional radar	Same directi		
2	DEVICE ID	Kustom Electronics Counting unit S/N	90	DT/A			III	-	□ Yes ► No	N/A	₽ No
		FF 105					Antenna-2 S/N	IN/A			
	\$ 2.4 / \$ 5.4	Low speed fork S/N	Last o	ate calib. Freq. (Hz) S			Speed (m	Speed (mph) Measured (Hz)			I: A II
3	TUNING FORK CALIBRATION	High speed fork S/N	Last o	date calib. Freq. (Hz) S			Speed (m	Speed (mph) Measured (Hz)			FAIL
						o fork	4		High fork		
		Stationary mode	Fork sp	occd (mph)		35			65		
	§ 2,5 / § 5,5 RADAR DEVICE	Stationary mode	Disp. S	peed (mph)		35	-		65		
4	TUNING FORK TESTS	Moving mode Opposite Direction		f SPEED Lo fork)	Expected (mph)	N/	/A	Displa (mph	7114	PASS	FAIL
		Moving mode Same Direction	TARGET Hi fork + Ho fork -	Lo fork	Expected (mph)	N/	/A	Displa (mph)	BILLA		
	§ 2.6.1. / § 5.6.1	Standard supply Voltage (V) 13		Antenna I Freq. GHz 2	24.18	6	Antenr Freq. C		N/A		
5	TRANSMISSION FREQUENCY	Standard supply Voltage - 20% (V) 10		Antenna I	24.18		Antenr Freq. (		N/A	PASS	FAIL
	STABILITY	Standard supply voltage + 20% (V) 16		Antenna 1 Freq. GHz	24.1		Antenr Freq. (		N/A		
6	§ 2.6.5 / § 5.6.5 POWER DENSITY	Mfg. Spec (max mW/cm) ≤		Antenna I Power (mW/en			Antenr Power	na 2 (mW/cı	m) N/A	PASS	FAIL.
7	§ 2.8 / § 5.8 LOW VOLTAGE	Mfg. spec. (V) ≤ I	.VA activates 9.8 LVA deactive (V)					les 10,9	PASS	FAIL	
8	§ 2,9,1 / § 5,9,1 DOPPLER AUDIO	A Audio tone correla B. Functioning audio					Yes Yes	□ No □ No	PASS)	FAII.	
9	§ 2.12.4 / § 5.12.4 Internal Circuit	Mfg. Spec.		Test results 3 7						PASS	FAIL
10	§ 2.12.6.5 / § 5.12.6.5 DIRECTIONAL	A. Selects only target B. Selects only target			ar	□ Ye			ÍN.A. ÍN.A.	PASS	FAIL
		Stationary mode:	I	.ow speed spe	c. 20		Lo spec	ed disp.	20		
		target channel (mph)	F	Hi speed spec. 199				ed disp.	199		
11	§ 2.12.7 / § 2.12.8 / 5.12.7 / 5.12.8 LOW AND HIGH	Moving Mode	ı	ow speed spe-	c. N/A		Lo spec	ed disp.	N/A	PASS	FAIL
''	SPEED DISPLAY TEST	target channel (mph)	F	li speed spee.	N/A		Hi spec	ed disp.	N/A		FAIL
	11	Moving Mode: patrol channel (mph)	l	ow speed spe			Lo spec	ed disp	N/A	_	
		parior channer (http://	Ī	li speed spec.	N/A		Hi spec	ed disp.	N/A		
12	§ 2.13 / § 5.13 RFL TEST		354							PAS	fAll.
13	LABORATORY COMMENTS										
14	NHTSA/IACP CERTIFICATION	This radar device of Highway Safety Ad							40802 P	onal Traffic SPASS □	FAIL
		a Fork Cert a	Mahual	D 2 <sup>nd</sup>	77.00	o R	emote	į,			



TRAFFIC RADAR CERTIFICATION
TESTED TO NHTSA SPECIFICATIONS / IACP CRITICAL PERFORMANCE STANDARDS
(NHTSA) National Highway and Traffic Safety Administration.
(IACP) International Association of Chiefs of Police

16202 Keats Circle

R.H.F. is a certified independent testing and repair facility...

	Westminster, Cali	f. 92683									
1	TEST ID	Date Received	8	Certification	Number 2	_					
		Make: Kustom Electronics		Model: Fal	con and Runner		(1-1V) I <b>II</b>		rectional radar Yes No	Same direction	on No
2	DEVICE ID	22 CA1	E	Antenna-1 S/N N/A				Λ	ntenna-2 S/N	N/A	
	§ 2.4 / § 5.4	Low speed fork S/N	Last e	date calib.	ate calib. Freq. (Hz) Spe			Speed (mph) Measured (Hz)			
3	TUNING FORK CALIBRATION	High speed fork S/N	Last	late calib Freq. (Hz)		()	Speed (mph)		casured (Hz)	PASS	FAIL
		NO PRESENTATION		15-100 (No. 1)	l i	Lo fork			High fork		7
			Fork s	peed (mph)		35			65		
	§ 2.5 / § 5.5	Stationary mode	Disp. S	speed (mph)		35			65		
4	RADAR DEVICE TUNING FORK TESTS	Moving mode Opposite Direction	1	T SPEED Lo fork)	Expected (mph)	N/	'A	Display (mph)	N/A	(PASS)	FAIL
		Moving mode Same Direction	Hi fork	T SPEED + Lo fork - Lo fork	Expected (mph)	N/	'A	Display (mph)	N/A		
	§ 2.6.1. / § 5.6.1	Standard supply Voltage (V) 13		Antenna 1 Freq. GHz. Z	4.15	3	Anteni Freq. (		N/A		
5	TRANSMISSION FREQUENCY	Standard supply Voltage - 20% (V) 10		Antenna I Freq. GHz = 2	24.15	3	Anteni Freq. (		N/A	PASS	FAIL
	STABILITY	Standard supply voltage + 20% (V) 16	Antenna 1	4.15		Anteni Freq. (	na 2	N/A			
6	§ 2.6.5 / § 5.6.5 POWER DENSITY	Mfg. Spcc. (max mW/cm) ≤	Antenna !				na 2 (mW/cm	) N/A	PAS	FAIL	
7	§ 2.8 / § 5.8 LOW VOLTAGE	Mfg. spec.		LVA activates	v) 7, 9 (v)				\$ 10.7	PASS	FAIL
К	\$ 2.9.1 / \$ 5.9.1 DOPPLER AUDIO	A. Audio tone correla B. Functioning audio	ites with re	eccived Dopple	er signal rol			Yes Yes	n No	PASS	FAIL
9	§ 2.12.4 / § 5.12.4 INTERNAL CIRCUIT	Mfg, Spec.	voiame iii	Test results			32	_	PASS	FAIL	
10	\$ 2.12.6.5 / \$ 5.12.6.5 DIRECTIONAL	A. Selects only targe B. Selects only targe			ar	□ Ye			N.A. N.A.	PASS	FAIL
	DIKE PROPERTY	Stationary mode:		Low speed spe	ec. 20		Lo spe	eed disp.	20		
		target channel (mph)		Hi speed spec. 199					199		
	§ 2.12.7/§ 2.12.8/ 5.12.7/5.12.8	Moving Mode		Low speed spe	c. <b>N</b> /A	1	Lo spo	ced disp.	N/A		15 4 11
11	LOW AND HIGH SPEED DISPLAY	target channel (mph)		Hi speed spee	N/A		Hi spc	eed disp.	N/A	PASS	FAIL
	TEST	Moving Mode:		Low speed spe	ec. <b>N</b> /A	1	Lo spe	eed disp	N/A		
		patrol channel (mph)		Hi speed spee	N/A	4	Hi spe	eed disp.	N/A		
12	§ 2.13 / § 5.13 RFL TEST									PASS	FAIL.
13	LABORATORY COMMENTS										
14	NHTSA/IACP CERTIFICATION	This radar device Highway Safety A	meets of dministr	r exceeds the ration. Calc	e minima ifornia V	al ope ehicle	erational e Code S	l standa Section	40802 <u>p</u>	ional Traffi TPASS □	FAIL
15	INVENTORY	Fork Cert     Carrying Case	Manual Other:	l a 2 <sup>nd</sup> (please list)	Ant.	o R	Remote	a l	3at.		
		Tank M. P. Tank		Myse							

## **CERTIFICATE OF COMPLETION**

### THIS IS TO CERTIFY THAT -

- 1. Don Tyler of ATD Traffic/NDS Data has successfully completed a Radar Operator course. This was based upon the national standards as outlined by the National Highway Traffic Safety Administration, and the California Highway Patrol radar manual, and the radar program of the Alameda County Sheriff's Office. This instructor is Scott Miller, a deputy sheriff since 1995 and a California P.O.S.T. certified Radar and Laser Instructor since 2011.
- 2. Don Tyler completed the classroom instruction and theory of Radar devices, case law, traffic and engineering surveys, FCC regulations, the California Vehicle Code and California case law as well as the test, set-up, operation and identification of erroneous readings.
- 3. Don Tyler has demonstrated competence in test and set-up of the Radar device, in making accurate visual speed estimations and identifying erroneous reading in field settings.
- 4. Don Tyler of ATD Traffic/NDS Data is hereby certified as having completed a course of instruction for the purposes of Radar operation for determining car counts and raw data for traffic and engineering surveys as our lined in sections 627, 21400, the 22350 series and the 40800 series of the California Vehicle Code, Chapter 8 of the former Cal Trans Manual and applicable sections of Chapter 2 of MUTCD issued January 13, 2012. This certification is awarded on the 6th Day of April 2017.

Scott Miller

POST INSTRUCTOR

San Daz

## CERTIFICATE OF COMPLETION

#### THIS IS TO CERTIFY THAT -

- Jonathan Andrade of ATD Traffic/NDS Data has successfully completed a Radar Operator course. This was based upon the national standards as outlined by the National Highway Traffic Safety Administration, and the California Highway Patrol radar manual, and the radar program of the Alameda County Sheriff's Office. This instructor is Scott Miller, a deputy sheriff since 1995 and a California P.O.S.T. certified Radar and Laser Instructor since 2011.
- 2. Jonathan Andrade completed the classroom instruction and theory of Radar devices, case law, traffic and engineering surveys, FCC regulations, the California Vehicle Code and California case law as well as the test, set-up, operation and identification of erroneous readings.
- 3. Jonathan Andrade has demonstrated competence in test and set-up of the Radar device, in making accurate visual speed estimations and identifying erroneous reading in field settings.
- 4. Jonathan Andrade of ATD Traffic/NDS Data is hereby certified as having completed a course of instruction for the purposes of Radar operation for determining car counts and raw data for traffic and engineering surveys as our lined in sections 627, 21400, the 22350 series and the 40800 series of the California Vehicle Code, Chapter 8 of the former Cal Trans Manual and applicable sections of Chapter 2 of MUTCD issued January 13, 2012. This certification is awarded on the 6th Day of April 2017.

5 Sept 722

Scott Miller

POST INSTRUCTOR

## **CERTIFICATE OF COMPLETION**

## THIS IS TO CERTIFY THAT -

- Michael Ridriguez of ATD Traffic/NDS Data has successfully completed a Radar Operator course. This was based upon the national standards as outlined by the National Highway Traffic Safety Administration, and the California Highway Patrol radar manual, and the radar program of the Alameda County Sheriff's Office. This instructor is Scott Miller, a deputy sheriff since 1995 and a California P.O.S.T. certified Radar and Laser Instructor since 2011.
- Michael Ridriguez completed the classroom instruction and theory of Radar devices, case law, traffic and engineering surveys, FCC regulations, the California Vehicle Code and California case law as well as the test, set-up, operation and identification of erroneous readings.
- 3. Michael Ridriguez has demonstrated competence in test and set-up of the Radar device, in making accurate visual speed estimations and identifying erroneous reading in field settings.
- 4. Michael Ridriguez of ATD Traffic/NDS Data is hereby certified as having completed a course of instruction for the purposes of Radar operation for determining car counts and raw data for traffic and engineering surveys as our lined in sections 627, 21400, the 22350 series and the 40800 series of the California Vehicle Code, Chapter 8 of the former Cal Trans Manual and applicable sections of Chapter 2 of MUTCD issued January 13, 2012. This certification is awarded on the 6th Day of April 2017.

Scott Miller

POST INSTRUCTOR

- San 722

### CERTIFICATE OF COMPLETION

#### THIS IS TO CERTIFY THAT -

- 1. Tyler Baker of ATD Traffic/NDS Data has successfully completed a Radar Operator course. This was based upon the national standards as outlined by the National Highway Traffic Safety Administration, and the California Highway Patrol radar manual, and the radar program of the Alameda County Sheriff's Office. This instructor is Scott Miller, a deputy sheriff since 1995 and a California P.O.S.T. certified Radar and Laser Instructor since 2011.
- 2. Tyler Baker completed the classroom instruction and theory of Radar devices, case law, traffic and engineering surveys, FCC regulations, the California Vehicle Code and California case law as well as the test, set-up, operation and identification of erroneous readings.
- 3. Tyler Baker has demonstrated competence in test and set-up of the Radar device, in making accurate visual speed estimations and identifying erroneous reading in field settings.
- 4. Tyler Baker of ATD Traffic/NDS Data is hereby certified as having completed a course of instruction for the purposes of Radar operation for determining car counts and raw data for traffic and engineering surveys as our lined in sections 627, 21400, the 22350 series and the 40800 series of the California Vehicle Code, Chapter 8 of the former Cal Trans Manual and applicable sections of Chapter 2 of MUTCD issued January 13, 2012. This certification is awarded on the 6th Day of April 2017.

C San 72

Scott Miller

POST INSTRUCTOR



#### STAFF REPORT TO THE CITY COUNCIL

**DATE:** Regular Meeting of June 28, 2022

**TO:** Honorable Mayor and Members of the City Council

SUBMITTED BY: Thomas Lloyd Smith, City Attorney 745

**SUBJECT:** AB 361: Resolution Making Findings Necessary to Conduct Brown

Act Meetings by Teleconference for the City Council, Boards,

Commissions, and Committees

#### **RECOMMENDED ACTION**

It is recommended that the City Council adopt the resolution authorizing remote teleconference/virtual meetings of the legislative bodies of the City of Antioch, which includes the City Council, boards, commissions, and committees.

#### FISCAL IMPACT

There is no anticipated direct or indirect fiscal impact as a result of this item.

#### DISCUSSION

Even though cases of COVID-19 have dropped, AB 361 is expressly intended "to protect the health and safety of civil servants and the public and does not preference the experience of members of the public who might be able to attend a meeting in a physical location over members of the public who cannot travel or attend that meeting in a physical location" because of physical status.

The City of Antioch has utilized teleconference technology for some time, and since the State of Emergency is still in effect and state officials are still recommending measures to promote social distancing, especially for immunocompromised and sensitive groups (as described in the attached Resolution), the City's legislative bodies, which include the City Council, boards, commissions, and committees can continue to meet while providing access to the public via teleconference. This resolution makes the findings required by AB 361, and would apply Citywide – i.e., not just to the City Council but to all City commissions and committees subject to the Brown Act as well. Staff requests passage of the attached resolution, which enables "hybrid meetings" including in-person and teleconference public participation or virtual meetings via teleconference for the City Council, boards, commissions, and committees.

Under this resolution, City Council, commissions, boards, and committees can continue holding virtual meetings or hybrid meetings in compliance with the following more flexible standards:



- The City is not required to provide a physical location for the public to attend or provide comments.
- Public access to the meeting via a call-in or an internet-based service option must be allowed, but the City is not required to have members of the public attend at each teleconference location.
- The City is only required to notice and post an agenda in accordance with the Brown Act provisions for in-person meetings. The agenda shall identify and include an opportunity for all persons to attend via a call-in option or an internetbased service option.
- When notice of the time of the teleconferenced meeting given or the agenda for the meeting is posted, the City shall also give notice of the means by which members of the public may access the meeting and offer public comment.
- The City must provide an opportunity for the public to address and offer comment in real time and cannot require all public comments to be submitted in advance of the meeting.

#### **ATTACHMENTS**

A. Resolution

#### **RESOLUTION NO. 2022-XX**

# A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH MAKING THE REQUIRED FINDINGS TO AUTHORIZE REMOTE TELECONFERENCE/VIRTUAL MEETINGS OF THE LEGISLATIVE BODIES OF THE CITY OF ANTIOCH FOR A PERIOD OF THIRTY DAYS PURSUANT TO BROWN ACT PROVISIONS

**WHEREAS**, the City of Antioch is committed to preserving and nurturing public access and participation in public meetings under the Ralph M. Brown Act;

**WHEREAS**, all meetings of the City's legislative bodies, which includes the City Council, boards, commissions, and committees, are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), such that any member of the public may attend, participate, and watch the City's legislative bodies conduct their business;

**WHEREAS**, as recently amended by AB 361, Government Code section 54953(e) of the Brown Act makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions;

**WHEREAS**, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558;

**WHEREAS**, it is further required that state or local officials have recommended or imposed measures to promote social distancing, or the legislative body determines by majority vote that meeting in person would present imminent risks to the health and safety of attendees;

**WHEREAS**, such conditions now exist in the City; specifically, on March 4, 2020, the Governor of the State of California proclaimed a State of Emergency, and such proclamation remains in effect and has not been rescinded or cancelled, and the "SMARTER" plan that the Governor unveiled specifically indicates that the State of Emergency will not be terminated;

**WHEREAS**, in addition to the above, state officials have issued orders recommending social distancing measures for certain individuals and in certain situations. For example, and not by way of limitation, social distancing is referenced in guidance on vaccine doses for persons who are immunocompromised and in certain situations under general industry safety orders;

**WHEREAS**, the state legislature has also made findings that by removing the requirement that public meetings be conducted at a primary physical location with a quorum of members present. AB 361 protects the health and safety of civil servants and

the public and does not preference the experience of members of the public who might be able to attend a meeting in a physical location over members of the public who cannot travel or attend that meeting in a physical location;

**WHEREAS**, the City Council does hereby find that all of the legislative bodies of the City shall conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

**WHEREAS**, the City will provide live call-in and/or internet service-based option for remote public participation and will provide notice for such participation in the agendas posted in advance of the meetings.

## NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF ANTIOCH DOES HEREBY RESOLVE AS FOLLOWS:

**Section 1.** Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

**Section 2.** <u>Findings</u>. The City Council hereby finds that, as set forth above, due to the novel coronavirus a State of Emergency declared by the Governor of the State of California is currently in effect, and that state or local officials are recommending measures promote social distancing.

**Section 3.** Remote Teleconference Meetings. The City Manager and City Attorney are hereby authorized and directed to take all actions necessary to conduct open and public meetings for all the legislative bodies of the City in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

**Section 4.** Effective Date of Resolution. This Resolution shall be effective immediately upon its adoption and shall remain in effect until the earlier of 30 days from the effective date of this Resolution, or such time the City Council adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of the City may continue to teleconference.

\* \* \* \* \* \* \* \* \*

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Antioch at a regular meeting thereof, held on the 28<sup>th</sup> day of June, 2022 by the following vote:

AYES:
NOES:
<b>ABSTAIN:</b>
ARSENT.

#### **ATTACHMENT A**

ELIZABETH HOUSEHOLDER
CITY CLERK OF THE CITY OF ANTIOCH



#### STAFF REPORT TO THE CITY COUNCIL

DATE:

Regular Meeting of June 28, 2022

TO:

Honorable Mayor and Members of the City Council

**SUBMITTED BY:** 

Elizabeth Householder, MPP, City Clerk Edgar Villanueva Jr., Administrative Analyst

**APPROVED BY:** 

Nickie Mastay, Administrative Services Director

SUBJECT:

Resolution requesting and consenting to the consolidation of elections and setting specifications of the election order for the November 8, 2022, Statewide General Municipal Election for elected

officials - Council Members District 1 and District 4

#### **RECOMMENDED ACTION**

It is recommended that the City Council adopt the resolution requesting and consolidation of elections with the Contra Costa County Elections Division, limiting the Candidate Statement word count to 250 words, and detailing filing cost expectations for the Statewide General Municipal Election on November 8, 2022, for elected officials – Council Members District 1 and District 4.

#### **FISCAL IMPACT**

Elections Code Section 10002 requires the City of Antioch to reimburse the Contra Costa County Elections Division (County) in full for the services performed during the election, which includes ballot preparation, providing precinct personnel, and canvassing the votes. For the November 8<sup>th</sup>, 2022, General Municipal Election, the cost estimate to conduct the election is approximately between \$2.00 - \$3.00 per registered voter in Districts 1 and 4. The total estimated cost would be approximately \$88,011.00.

#### DISCUSSION

In accordance with Ordinance No. 2141-C-S adopted by the City Council on May 8, 2018, the four Council Members would be elected By-District. Council Members District 1 and District 4 will be four (4) year terms for the November 8<sup>th</sup>, 2022, General Municipal Election.

At a regular meeting on April 12<sup>th</sup>, 2022, the City Council of the City of Antioch adopted Resolution No. 2022/51 the Final Redistricting Map, adjusting and redefining the boundaries of the City Council electoral districts of the City.

Elections Code Section 10403 requires that whenever an election is called by a City for office(s) to be filled, it is to be consolidated with a statewide election and the office to be filled is to appear upon the same ballot as that provided for that statewide election. The City is required to file with the Contra Costa County Board of Supervisors and the County Elections Official, a certified copy of the resolution requesting the consolidation, and setting specifications of the election order, no later than July 6<sup>th</sup>, 2022.

The nomination period for the Candidates in the November 8th, 2022, General Municipal Election opens on **Monday**, **July 18**, **2022**. The deadline for filing papers to be a candidate for office will be **Friday**, **August 12**, **2022**, **at 5:00 p.m.** (Elections Code Section 10407(a)). The City Clerk's Office will be open Monday through Friday, from 8:00 a.m. to 5:00 p.m. at City Hall.

Candidates are strongly encouraged to make appointments with the City Clerk's Office to pick up and file nomination papers for better service. Appointments can be made by calling the City Clerk's Office at 925-779-7009, or by email to <a href="mailto:cityclerk@ci.antioch.ca.us">cityclerk@ci.antioch.ca.us</a>.

There is a \$25 Filing Fee (Ordinance No. 2-1.302 of the Antioch Municipal Code and Elections Code Section 10228) for a candidate to file nomination papers with the City Clerk's Office.

In accordance with Elections Code 13307, the Contra Costa County Elections Division has established a cost to file a 250-word maximum Candidate Statement to be published in the Voter's Pamphlet for each office. The cost is based on the candidate statement being printed in **English, Spanish and Chinese**, as now required by California State Law. The final estimated cost for the Candidate Statement will be provided by the Contra Costa County Elections Division no later than the first week of July, prior to the nomination period opening on July 18, 2022.

Candidates are not required to publish a candidate statement, but if they choose to do so, they will pay the cost plus 10 percent at the time of filing, in addition to the aforementioned \$25 Filing Fee. As a condition of having the Candidate's Statement published, each candidate shall pay the full cost to the City at the time of filing.

The City of Antioch recognizes that additional costs will be incurred by the County by reason of this consolidation and agrees to reimburse the County for the actual cost incurred in conducting the election, upon receipt of a bill, stating the total amount due as determined by the County Elections Official.

#### ATTACHMENT

Resolution

#### **RESOLUTION NO. 2022/\*\***

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH REQUESTING THE BOARD OF SUPERVISORS OF THE COUNTY OF CONTRA COSTA TO CONSOLIDATE A GENERAL MUNICIPAL ELECTION TO BE HELD ON NOVEMBER 8, 2022, WITH THE STATEWIDE GENERAL ELECTION TO BE HELD ON THE DATE PURSUANT TO ELECTIONS CODE SECTION 10403

- **WHEREAS**, the City Council has ordered a General Municipal Election to be held on Tuesday, November 8, 2022, for the purpose of the election of District 1 and District 4 Members of the City Council to four-year terms, in accordance with Ordinance No. 2141-C-S adopted May 8, 2018;
- **WHEREAS**, other elections may be held in whole or in part of the territory of the City and it is to the advantage of the City to consolidate its municipal election pursuant to California Elections Code Section 10400:
- **WHEREAS**, California Elections Code Section 10242 provides that the City Council shall determine the hours of opening and closing the polls;
- **WHEREAS**, California Elections Code Section 10520 requires the City to reimburse the County in full for the services performed upon presentation of a bill to the City by the County Elections Official;
- **WHEREAS**, California Elections Code Section 13307 requires that before the nomination period opens, the City Council must determine whether a charge shall be levied against each candidate submitting a candidate's statement to be sent to the voters, and may estimate the cost and determine whether the estimate must be paid in advance;
- **WHEREAS**, California Elections Code Section 12112 requires the City Elections Official to publish a notice of the election once in a newspaper of general circulation in the City;
- **WHEREAS**, In the event of a tie vote, the tie will be determined by lot, pursuant to California Elections Code Section 15651(a); and
- **WHEREAS**, at a Regular Meeting on April 12<sup>th</sup>, 2022, the City Council of the City of Antioch adopted Resolution No. 2022/51 the Final Redistricting Map, adjusting and redefining the boundaries of the City Council electoral districts of the City.
- **NOW, THEREFORE, BE IT ORDERED** that an election be held in the City of Antioch in accordance with the following specifications:
  - 1. The Election shall be held on **Tuesday**, the **8**<sup>th</sup> **day of November 2022**. The purpose of the election is to choose successors for the following offices:

**COUNCIL MEMBER DISTRICT 1** – Term of four (4) years (Ordinance No. 2141-C-S)

**COUNCIL MEMBER DISTRICT 4** – Term of four (4) years (Ordinance No. 2141-C-S)

2. Pursuant to Elections Code Sections 10002, the City Council of the City of Antioch hereby requests that the Contra Costa County Board of Supervisors consent and agree to the consolidation of the General Municipal Election with any other elections within Contra Costa County to be held on November 8, 2022 and provide all services necessary to conduct the election, which includes ballot preparation, providing precinct personnel, and canvassing the votes.

In all particulars not recited in this resolution, the election shall be held and conducted as provided by law for holding municipal elections. The City Council acknowledges that the consolidated election will be conducted in the manner prescribed in Elections Code Section 10418.

The polls for the election shall be open at 7:00 a.m. of the day of the election and shall remain open continuously from that time until 8:00 p.m. of the same day when the polls shall be closed except as provided in Elections Code Section 14401.

- 3. At a regular meeting on April 12th, 2022, the City Council of the City of Antioch adopted Resolution No. 2022/51 the Final Redistricting Map, adjusting and redefining the boundaries of the City Council electoral districts of the City, which was then submitted and confirmed compliant by the Contra Costa County Elections Division.
- 4. The City Council recognizes that the Contra Costa County Elections Division will incur additional costs in conducting the election called by this resolution and agrees to reimburse the County for those costs.
- 5. The City Council has determined that each candidate will pay for the Candidate's Statement, which shall be limited to 250 words. Pursuant to the Federal Voting Rights Act, Candidate Statements will be translated into all languages required by the County of Contra Costa.

As a condition of having the Candidate Statement published, each candidate shall pay the City the full cost at the time of filing. The exact cost for the Candidate Statement will be determined by the Contra Costa County Elections Division, no later than the 1<sup>st</sup> week of July.

6. In addition, there is a \$25 Filing Fee (Ordinance No. 2-1.302 of the Antioch Municipal Code and Elections Code Section 10228) for a candidate to file nomination papers with the City Clerk's Office.

#### **RESOLUTION NO. 2022/\*\***

June 28, 2022 Page 3

- 7. The City Clerk is authorized and directed to publish the Notice of Election in the East Bay Times, which is a newspaper of general circulation that is published daily in the City.
- 8. The City Council has determined that in the event of a tie vote, the tie will be determined by lot, pursuant to Elections Code Section 15651(a).
- 9. The City Clerk shall file a copy of this resolution with the Contra Costa County Registrar of Voters and the County Board of Supervisors no later than July 6, 2022.

\* \* \* \* \* \* \* \* \*

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Antioch at a regular meeting thereof, held on the 28th day of June 2022, by the following vote:

AYES:	
NOES:	
ABSTAIN:	
ABSENT:	
	ELIZABETH HOUSEHOLDER, MPI
	CITY CLERK OF THE CITY OF ANTIOCH



#### STAFF REPORT TO THE CITY COUNCIL

DATE:

Regular Meeting of June 28, 2022

TO:

Honorable Mayor and Members of the City Council

SUBMITTED BY:

John Samuelson, Public Works Director/City Engineer

SUBJECT:

Request to the East Contra Costa Regional Fee and Financing

Authority to Approve the Sand Creek Road Extension Project as a

**Priority Project** 

#### **RECOMMENDED ACTION**

It is recommended that the City Council adopt a resolution authorizing the City Manager or Designee request that the East Contra Costa Regional Fee and Financing Authority approve the Sand Creek Road Extension Project as a priority project to receive financing following the James Donlon Extension Project as the project sponsor.

#### FISCAL IMPACT

There is no fiscal impact to the City of Antioch as a result of this decision. All segments of Sand Creek Road have been addressed and incorporated as conditions of approval for various development projects to construct the full four lane road improvements. Identification of Sand Creek Road as a priority project will allow developers to be reimbursed for a portion of the expenses by the East Contra Costa Regional Fee and Financing Authority ("ECCRFFA").

The following ECCRFFA fees will continue to be collected and forwarded to ECCRFFA by the cities of Brentwood, Antioch, Oakley, and Pittsburg as well as unincorporated east Contra Costa County. The City collects and retains an additional 1% of the fees to cover administrative costs per the ECCRFFA Joint Powers Authority ("JPA").

ECCRFFA RTDIM FEE	January 2022	ECCRFFA Fee Rebate	New Fee Less Rebate
Single Family Residential	\$26,455	15%	\$22,479
Multi-Family Residential	\$16,234	15%	\$13,799
Commercial	\$2.20		\$2.20
Office	\$1.91		\$1.91
Industrial	\$1.91		\$1.91
Other	\$26,455		\$26,455

#### DISCUSSION

The purpose of ECCRFFA is to identify and prioritize regional transportation projects and establish a uniform regional development fee for project funding. In addition, ECCRFFA

sets funding goals and project implementation schedules. To date, ECCRFFA has been successful in funding construction of State Route 4 ("SR4") through Oakley and Brentwood from State Route 160 to Vasco Road, including the more recent overpasses at Sand Creek Road and Balfour Road.

ECCRFFA last updated its regional fees and list of transportation projects in 2005. With a number of these projects completed or nearing completion, ECCRFFA member agencies included Sand Creek Road, from SR4 in Brentwood to Deer Valley Road in Antioch, to the list of ECCRFFA fee funded transportation projects. Inclusion of Sand Creek Road will improve east-west connectivity and accommodate some of the travel demand that would otherwise use Lone Tree Way and Balfour Road. Fees are not proposed to change and the City will continue to collect from new development and forward regional transportation fees to ECCRFFA. Therefore, City is requesting that ECCRFFA approve the Sand Creek Road Extension Project as the next priority Project after the James Donlon Boulevard Extension Project.

#### **ATTACHMENTS**

A. Resolution

#### **ATTACHMENT "A"**

#### **RESOLUTION NO. 2022/67**

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH AUTHORIZING THE CITY MANAGER OR DESIGNEE TO MAKE A REQUEST TO THE EAST CONTRA COSTA REGIONAL FEE AND FINANCING AUTHORITYTO APPROVE THE SAND CREEK ROAD EXTENSION PROJECT AS A PRIORITY PROJECT TO RECEIVE FINANCING AFTER THE JAMES DONLAN EXTENSION PROJECT AS PROJECT SPONSOR

**WHEREAS**, the East Contra Costa Regional Fee and Financing Authority ("ECCRFFA") is a joint powers agency which comprises the cities of Antioch, Brentwood, Oakley, Pittsburg and the unincorporated East Contra Costa County;

**WHEREAS**, the purpose of the ECCRFFA is to identify and set priority for regional transportation projects, establish a uniform regional development fee for project funding and set funding goals and project implementation schedules;

WHEREAS, the Fourth Amendment to Joint Exercise of Powers Agreement for ECCRFFA and the East Contra Costa Regional Fee Program Update Report have been revised to add one project – the Sand Creek Road Extension from SR4 to Deer Valley Road project – to the list of projects that will be funded with regional transportation development impact mitigation ("RTDIM") fees. These fees are collected by all member agencies of <u>ECCRFFA</u>, which is a joint exercise of powers agency that funds regional transportation improvements;

WHEREAS, the "ECCRFFA Joint Exercise of Powers Agreement," as amended, (the "Agreement") among ECCRFFA's member agencies – the County and the Cities of Antioch, Brentwood, Pittsburg, and Oakley – established ECCRFFA to fund regional transportation improvements in east Contra Costa County using RTDIM fees collected by member agencies. Since the original Agreement was approved, ECCRFFA has amended the Agreement, including to prioritize projects to be funded with RTDIM fee revenues;

WHEREAS, ECCRFFA'S RTDIM fees were last increased in 2005. In 2005, ECCRFFA member agencies adopted ECCRFFA RTDIM fees to fund transportation projects on a project list, as more particularly described in the Fehr & Peers "East Contra Costa Regional Fee Program Update," dated June 2005 ("2005 Report"). On July 26, 2005, the City Council of the City of Antioch approved Resolution No. 2005/78 to approve the RTDIM fees, and to allow the City to impose the fees on new development within the City of Antioch city limit areas of ECCRFFA's jurisdiction, to fund the projects identified in the 2005 Report. Many of the projects identified in the 2005 Report have been completed, including the State Route 4 (SR 4) Bypass, and the widening of SR 4 through Antioch and Pittsburg;

**RESOLUTION NO. 2022/\*\*** June 28, 2022 Page 2

WHEREAS, ECCRFFA has identified an additional regional transportation project that is eligible for funding from RTDIM fees – the Sand Creek Road Extension from SR4 to Deer Valley Road project. The Sand Creek Extension Project is more particularly detailed the Fehr & Peers "East Contra Costa Regional Fee and Financing Authority Fee Program Updated," dated May 2020 (the "2020 Report");

WHEREAS, on October 8, 2020, the ECCRFFA Board of Directors adopted Resolution No. 2020/01 to: make required findings; approve the 2020 Report; approve a fourth amendment to the Agreement to add the Sand Creek Extension Project to the ECCRFFA project list; and recommend that ECCRFFA member agencies consider approving the fourth amendment to the Agreement and amending their fee ordinances and resolutions to add the Sand Creek Extension Project, with no change to the RTDIM fees last approved in 2005;

WHEREAS, the 2020 Report was prepared to determine the amount of the RTDIM fees necessary to fund new development's share of the estimated costs of the Sand Creek Extension Project which is consistent with the goals and policies of the circulation elements in the general plans of the cities of Antioch and Brentwood; and

WHEREAS, with the completion of the SR4 through Oakley and Brentwood to Vasco Road, the recent overpasses at Sand Creek and Balfour Roads, and other Sand Creek projects nearing completion, the timing to include the Sand Creek Road Extension which will improve east-west connectivity and accommodate Lone Tree Way/Balfour travel demand, the Sand Creek Extension Project is necessary and desirable within ECCRFFA's jurisdiction.

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Antioch hereby authorizes the City Manager or Designee to make a request to ECCRFFA to approve the Sand Creek Road Extension Project as a priority project to receive financing as the project sponsor.

\* \* \* \* \* \* \* \* \*

**RESOLUTION NO. 2022/\*\*** June 28, 2022 Page 3

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Antioch at a regular meeting thereof, held on the 28 <sup>th</sup> day of June, 2022, by the following vote:
AYES:
NOES:
ABSTAIN:
ABSENT:
ELIZABETH HOUSEHOLDER

CITY CLERK OF THE CITY OF ANTIOCH



#### STAFF REPORT TO THE CITY COUNCIL

DATE:

Regular Meeting of June 28, 2022

TO:

Honorable Mayor and Members of the City Council

**SUBMITTED BY:** Brandon Peters, GIS Coordinator

**APPROVED BY:** 

John Samuelson, Public Works Director/City Engineer 15

SUBJECT:

Resolution Authorizing the City Manager to Enter Into an Agreement with Rok Technologies, LLC, a GIS Cloud Environment Managed Service, to Provide a Secure Cloud Environment and Improve GIS

Access and Inter-Departmental Communication

#### **RECOMMENDED ACTION**

It is recommended that the City Council adopt a resolution:

- Awarding a Consultant Services Agreement to Rok Technologies, LLC, a GIS Cloud Environment Managed Service, to Provide a Secure Cloud Environment and Improve GIS Access and Inter-Departmental Communication in an amount not to exceed \$229,840, over the 3-Year Project Term commencing in Fiscal Year 2022/23. and
- 2. Authorizing the City Manager to execute the Agreement for GIS Cloud Environment Services in a form approved by the City Attorney.

#### FISCAL IMPACT

Funding for the GIS Cloud Environment Managed Service is allocated in the approved Fiscal Year 2022/23 Information Services, GIS Division budget in the amount of \$93,280. Funding for the subsequent two (2) Fiscal Years is documented as \$68,280 per fiscal year, and will be allocated as part of the City's biennial budget process for a total not to exceed amount of \$229,840.

#### DISCUSSION

GIS operates primarily as an Internal Services Division. There is currently an increased demand for City systems and applications to communicate with our GIS System. Systems examples include, but are not limited to, Energov (Community Development), Incode (Finance), Mark43 (PD), Cityworks (PW), and SeeClickFix (PW). These systems have built-in capabilities to efficiently communicate with GIS, but a secure cloud environment is necessary.

The City is using ArcGIS Online ("AGOL"), which runs in an ESRI-administered cloud infrastructure and was hosted by a vendor to facilitate the online environment, however, the contract expired and the host vendor has gone out of business. The cloud environment being sought will allow GIS data to be shared freely and seamlessly between City Departments, their respective software vendors, and other public agencies.

The RFQ was published on April 11, 2022 and closed on May 6, 2022. The City received and evaluated three (3) proposals on a scoring criteria that demonstrated overall qualifications, capability to provide back-end services within a deployed environment, and flexibility to accommodate future access needs. Of the three (3) proposals, Rok Technologies, LLC, scored the highest and presented as the leading firm to suitably meet the City's needs. Rok Technologies, LLC, has a proven track record in providing services to municipalities and is recognized within the GIS industry as a Cloud Specialty Partner due to their expertise in building and maintaining secure cloud environments; its core business. Rok Technologies, LLC, has offered that its sole focus is to "architect, deploy and manage the ArcGIS Enterprise suite." Partnering with Rok Technologies, LLC, for this cloud environment will enable GIS Staff to meet the ongoing technology demands of our growing City, allow for the migration of content from the City's existing ArcGIS Online environment and provide a computing continuum.

#### **ATTACHMENTS**

- A. Resolution
- B. Consulting Services Agreement
   Exhibit A: Rok Technologies RFQ

#### **ATTACHMENT "A"**

#### RESOLUTION NO. 2022/\*\*

# RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH AWARDING AN AGREEMENT TO ROK TECHNOLOGIES, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE THE AGREEMENT FOR GIS CLOUD ENVIRONMENT MANAGED SERVICES

**WHEREAS**, there is an increased demand for City systems and applications to communicate with our GIS System;

**WHEREAS**, City Systems, such as ArcGIS Online, Energov, Incode, Mark43, Cityworks, and SeeClickFix, have built-in capabilities to efficiently communicate with GIS, but they require a secure cloud environment;

**WHEREAS**, the City had a host vendor for its ArcGIS Online, which runs in an ESRI-administered cloud infrastructure, and the vendor went out of business;

WHEREAS, the City published a Request for Qualifications for GIS Cloud Environment Managed Services on April 11, 2022, closed May 6th, 2022, and three (3) proposals were received and scored based on a scoring criteria focused on the vendor qualifications to provide a secure cloud environment to integrate City systems with GIS;

WHEREAS, Rok Technologies, LLC, was determined to be the best proposal to meet the City's needs and the leading provider of GIS Cloud Environment Managed Services to municipalities, which offered that its sole focus is to "architect, deploy and manage the ArcGIS Enterprise suite"; and

WHEREAS, partnering with Rok Technologies, LLC, for a secure cloud environment will enable GIS staff to meet ongoing technology demands, allow for the migration of content from the City's existing ArcGIS Online environment, and provide a computing continuum and ongoing support.

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Antioch hereby:

- Awards a Consultant Services Agreement to Rok Technologies, LLC, a GIS Cloud Environment Managed service, to provide a secure cloud environment and improve GIS access and inter-departmental communication, in an amount not to exceed \$229,840, over the 3-Year Project Term commencing in Fiscal Year 2022/23; and
- 2) Authorizes the City Manager to execute the Agreement in a form approved by the City Attorney.

\* \* \* \* \* \* \* \* \*

# **RESOLUTION NO. 2022/\*\*** June 28, 2022 Page 2

I HEREBY CERTIFY that the foregoing City Council of the City of Antioch at a regular June 2022, by the following vote:	ng resolution was passed and adopted by the ular meeting thereof, held on the 28 <sup>th</sup> day of
AYES:	
NOES:	
ABSTAIN:	
ABSENT:	
·-	ELIZABETH HOUSEHOLDER CITY CLERK OF THE CITY OF ANTIOCH

#### **ATTACHMENT "B"**

## CONSULTING SERVICES AGREEMENT BETWEEN THE CITY OF ANTIOCH AND ROK TECHNOLOGIES, LLC

THIS AGREEMENT ("Agreement") is made and entered into this XX day of XXXX, 2022 ("Effective Date") by and between the City of Antioch, a municipal Corporation with its principle place of business at 200 H Street, Antioch, CA 94509 ("City") and ROK Technologies, LLC ("Consultant") with its principle place of business at 1 Carriage Ln., #B201, Charleston, SC 29407-6043. City and Consultant individually are sometimes referred to herein as "Party" and collectively as "Parties."

**SECTION 1. SERVICES**. Subject to the terms and conditions set forth in this Agreement, Consultant shall furnish all technical and professional services including labor, material, equipment, transportation, supervision and expertise to provide to City the services described in the Scope of Work attached as **Exhibit A** attached hereto and incorporated herein at the time and place and in the manner specified therein ("**Services**"). In the event of a conflict in or inconsistency between the terms of this Agreement and **Exhibit A**, the Agreement shall prevail.

- 1.1 <u>Term of Services.</u> The term of this Agreement shall begin on the Effective Date and shall end on June 30, 2025, the date of completion specified in <u>Exhibit A</u>, and Consultant shall complete the Services described in <u>Exhibit A</u> prior to that date, unless the term of the Agreement is otherwise terminated or extended, as provided for in Section 8. The time provided to Consultant to complete the Services required by this Agreement shall not affect the City's right to terminate the Agreement, under Section 8.
- 1.2 <u>Standard of Performance.</u> Consultant represents that it is experienced in providing these services to public clients and is familiar with the plans and needs of City. Consultant shall perform all Services required pursuant to this Agreement in the manner and according to the standards observed by a competent practitioner of the profession in which Consultant is engaged in the geographical area in which Consultant practices its profession.
- 1.3 Assignment of Personnel. Consultant shall assign only competent personnel to perform Services pursuant to this Agreement. In the event that City, in its sole discretion, at any time during the term of this Agreement, desires the reassignment of any such persons, Consultant shall, immediately upon receiving notice from City of such desire of City, reassign such person or persons.
- 1.4 <u>Time.</u> Consultant shall devote such time to the performance of Services pursuant to this Agreement as may be reasonably necessary to meet the standard of performance provided in Section 1.1 above and to satisfy Consultant's obligations hereunder.
- **SECTION 2. COMPENSATION.** City hereby agrees to pay Consultant a sum not to exceed **\$229,840.00**, notwithstanding any contrary indications that may be contained in Consultant'sproposal, for Services to be performed and reimbursable costs incurred under this Agreement. In the eventof a conflict between this Agreement and Consultant's proposal, attached as **Exhibit A**, regarding the

amount of compensation, the Agreement shall prevail. City shall pay Consultant for Services rendered pursuant to this Agreement at the time and in the manner set forth below. The payments specified below shall be the only payments from City to Consultant for Services rendered pursuant to this Agreement. Except as specifically authorized by City, Consultant shall not bill City for duplicate services performed by more than one person.

Consultant and City acknowledge and agree that compensation paid by City to Consultant under this Agreement is based upon Consultant's estimated costs of providing the Services required hereunder, including salaries and benefits of employees and subcontractors of Consultant. Consequently, the Parties further agree that compensation hereunder is intended to include the costs of contributions to any pensions and/or annuities to which Consultant and its employees, agents, and subcontractors may be eligible. City therefore has no responsibility for such contributions beyond compensation required under this Agreement.

- **2.1 Invoices.** Consultant shall submit invoices, not more often than once a month during the term of this Agreement, based on the cost for Services performed and reimbursable costs incurred prior to the invoice date. Invoices shall contain the following information:
  - Serial identifications of progress bills; i.e., Progress Bill No. 1 for the first invoice, etc.:
  - The beginning and ending dates of the billing period;
  - A Task Summary containing the original contract amount, the amount of prior billings, the total due this period, the balance available under the Agreement, and the percentage of completion;
  - At City's option, for each work item in each task, a copy of the applicable time entries or time sheets shall be submitted showing the name of the person doingthe work, the hours spent by each person, a brief description of the work, and each reimbursable expense;
  - The total number of hours of work performed under the Agreement by Consultant and each employee, agent, and subcontractor of Consultant performing services; and,
  - The Consultant's signature.

#### 2.2 Payment Schedule.

**2.2.1** City shall make incremental payments, based on invoices received, according to the payment schedule attached in Exhibit A <u>and incorporated herein</u>], for Services satisfactorily performed, in accordance with the requirements of this Agreement, and for authorized reimbursable costs incurred. City shall have thirty (30) days from the receipt of an invoice that complies with all of the requirements of Section 2.1 to pay Consultant.

- **2.2.2** City shall pay the last 10% of the total sum due pursuant to this Agreement within sixty (60) days after completion of the services and submittal to City a final invoice, if all services required have been satisfactorily performed; if applicable.
- **2.3** Total Payment. City shall pay for the Services to be rendered by Consultant pursuant to this Agreement. City shall not pay any additional sum for any expense or cost whatsoever incurred by Consultant in rendering Services pursuant to this Agreement, unless expressly provided for in Section 2.5.

In no event shall Consultant submit any invoice for an amount in excess of the maximum amount of compensation provided above either for a task or for the entire Agreement, unless the Agreement is modified prior to the submission of such an invoice by a properly executed change order or amendment.

- 2.4 Hourly Fees. Fees for work performed by Consultant on an hourly basis shall not exceed the amounts shown on the fee schedule in Exhibit B.
- **2.5** Reimbursable Expenses. Reimbursable expenses are specified below, and shall not exceed \$0. Expenses not listed below are not chargeable to City. Reimbursable expenses are included in the total amount of compensation provided under this Agreement that shall not be exceeded.

Reimbursable	Expenses are:
N/A	

- **2.7** Authorization to Perform Services. The Consultant is not authorized to perform any Services or incur any costs whatsoever under the terms of this Agreement until Consultant receives authorization to proceed from the Contract Administrator.
- **SECTION 3. FACILITIES AND EQUIPMENT.** Except as set forth herein, Consultant shall, at its sole cost and expense, provide all facilities and equipment that may be necessary to perform the Services required by this Agreement. City shall make available to Consultant only the facilities and equipment listed in this section, and only under the terms and conditions set forth herein.

City shall furnish physical facilities such as desks, filing cabinets, and conference space, as may be reasonably necessary for Consultant's use while consulting with City employees and reviewing records and the information in possession of the City. The location, quantity, and time of furnishing those facilities shall be in the sole discretion of City. In no event shall City be obligated to furnish any facility that may involve incurring any direct expense, including but not limited to computer, long-distance telephone or other communication charges, vehicles, and reproduction facilities.

**SECTION 4. INSURANCE REQUIREMENTS.** Before beginning any work under this Agreement, Consultant, at its own cost and expense, shall procure insurance against claims for injuries to persons or damages to property that may arise from or in connection with the performance of the work by the Consultant and its agents, representatives, employees, and subcontractors. Consultant shall provide proof satisfactory to City of such insurance that meets the requirements of this section and under forms of insurance satisfactory in all respects to the City. Consultant shall maintain the insurance policies required

by this section throughout the term of this Agreement. The cost of such insurance shall be included in the Consultant's proposal. Consultant shall not allow any subcontractor to commence work on any subcontract until Consultant has obtained all insurance required herein for the subcontractor(s) and provided evidence thereof to City. Verification of the required insurance shall be submitted and made part of this Agreement prior to execution. Insurers shall have an AM Best rating of no less than A:VII unless otherwise accepted by the City in writing:

- 4.1 <u>Commercial General Liability (CGL)</u>: Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than \$2,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit. If Consultant's services include work within 50 feet of a railroad right of way, the Consultant shall have removed any exclusion on their liability policy limiting coverage for work near a railroad, or shall provide a Railroad Protective Liability policy in favor of the City. Limits for such coverage shall be no less than \$5,000,000.
- 4.2 <u>Automobile Liability Insurance</u>. ISO Form Number CA 00 01 covering any auto (Code 1), or if Consultant has no owned autos, hired, (Code 8) and non-owned autos (Code 9), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
- 4.3 <u>Workers' Compensation Insurance</u>. as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
- **4.4** Professional Liability (Errors and Omissions): Insurance appropriate to the Consultant's profession, with limit no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.
- **4.5** Other Insurance Provisions. Unless otherwise specified below, all insurance policies are to contain, or be endorsed to contain, the following provisions:
- **4.5.1** Additional Insured Status. The City, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts, or equipment furnished in connection with such work or operations. CGL coverage can be provided in the form of an endorsement to the Consultant's insurance (at least as broad as ISO Form CG 20 10 11 85 or if not available, through the addition of both CG 20 10 and CG 20 37 if a later edition is used). This requirement shall only apply to the CGL and Automobile Liability Insurance policies specified above.
- **4.5.2** *Primary Coverage.* For any claims related to this contract, the Consultant's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees, or volunteers shall be excess of the Consultant's insurance and shall not contribute with it. This requirement shall only apply to the CGL and Automobile Liability Insurance policies specified above.
- **4.5.3** *Notice of Cancellation.* Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the City.

- **4.5.4** Waiver of Subrogation. Consultant hereby grants to City a waiver of any right to subrogation which any insurer of said Consultant may acquire against the City by virtue of the payment of any loss under such insurance. Consultant agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City has received a waiver of subrogation endorsement from the insurer. This requirement shall only apply to the CGL, Automobile Liability and Workers' Compensation/Employer's Liability Insurance policies specified above.
- **4.5.5** Deductibles and Self-Insured Retentions. Any deductibles or self-insured retentions must be declared to and approved by the City. The City may require the Consultant to purchase coverage with a lower deductible or retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.
- **4.5.6** Claims made policies. If any of the required policies provide claims-made coverage:
- **4.5.6.1** The Retroactive Date must be shown, and must be before the date of the contract or the beginning of contract work.
- 4.5.6.2 Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the contract of work.
- **4.5.6.3** If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the Consultant must purchase "extended reporting" coverage for a minimum of five (5) years after completion of contract work.
- 4.6 <u>Certificate of Insurance and Endorsements</u>. Consultant shall furnish the City with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the City before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.
- **4.7** <u>Subcontractors</u>. Consultant shall include all subcontractors as insured under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated in this Agreement, including but not limited to naming additional insureds.
- **4.8** Higher Limits. If the Consultant maintains higher limits than the minimums shown above, the City requires and shall be entitled to coverage for the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.
- **4.9 Special Risks or Circumstances**. City reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage or other special circumstances.

- **4.10** Remedies. In addition to any other remedies City may have if Consultant fails to provide or maintain any insurance policies or policy endorsements to the extent and within the time herein required, City may, at its sole option exercise, any of the following remedies, which are alternatives to other remedies City may have and are not the exclusive remedy for Consultant's breach:
  - Obtain such insurance and deduct and retain the amount of the premiums for such insurance from any sums due to Consultant under the Agreement;
  - Order Consultant to stop work under this Agreement or withhold any payment that becomes due to Consultant hereunder, or both stop work and withhold any payment, until Consultant demonstrates compliance with the requirements hereof; and/or,
  - Terminate this Agreement.

#### SECTION 5. INDEMNIFICATION AND CONSULTANT'S RESPONSIBILITIES.

- 5.1 To the fullest extent permitted by law, Consultant shall defend (with counsel reasonably acceptable to City), indemnify and hold the City, its officials, officers, employees, volunteers, and agents free and harmless from any and all claims, demands, causes of action, costs, expenses, liability, loss, damage or injury of any kind, in law or equity, to property or persons, including wrongful death, in any manner arising out of, pertaining to, or incident to any acts, errors or omissions, or willful misconduct of Consultant, its officials, officers, employees, subcontractors, consultants or agents in connection with the performance of the Consultant's services or this Agreement, including without limitation the payment of all damages, expert witness fees and attorney's fees and other related costs and expenses. Consultant's obligation to indemnify shall not be restricted to insurance proceeds, if any, received by Consultant, theCity, its officials, officers, employees, agents, or volunteers.
- **5.1.1** Acceptance by City of insurance certificates and endorsements required under this Agreement does not relieve Consultant from liability under this indemnification and hold harmless clause. This indemnification and hold harmless clause shall apply to any damages or claims for damages whether or not such insurance policies shall have been determined to apply.
- **5.2** By execution of this Agreement, Consultant acknowledges and agrees to the provisions of this Section and that it is a material element of consideration, and that these provisions survive the termination of this Agreement.

#### SECTION 6. STATUS OF CONSULTANT.

6.1 <u>Independent Contractor.</u> At all times during the term of this Agreement, Consultant shall be an independent contractor and shall not be an employee of City. City shall have the right to control Consultant only insofar as the results of Consultant's services rendered pursuant to this Agreement and assignment of personnel pursuant to Section 1.3; however, otherwise City shall not have the right to control the manner or means by which Consultant accomplishes services rendered pursuant to this Agreement. Notwithstanding any other City, state, or federal policy, rule, regulation, law, or ordinance to the contrary, Consultant and any of its employees, agents, and subcontractors providing services under this Agreement shall not qualify for or become entitled to, and hereby agree to waive any and all claims to, any compensation, benefit, or any incident of employment by City, including, but not limited to, eligibility toenroll in the California Public Employees Retirement System (PERS) as an employee of City and

entitlement to any contribution to be paid by City for employer contributions and/or employee contributions for PERS benefits.

**6.2** Consultant Not Agent. Except as City may specify in writing, Consultant shall have no authority, express or implied, to act on behalf of City in any capacity whatsoever as an agent. Consultant shall have no authority, express or implied, pursuant to this Agreement to bind City to any obligation whatsoever.

#### SECTION 7. LEGAL REQUIREMENTS.

- 7.1 Governing Law. The laws of the State of California shall govern this Agreement.
- 7.2 <u>Compliance with Applicable Laws.</u> Consultant and any subcontractors shall comply with all laws applicable to the performance of the Services.
- 7.3 Other Governmental Regulations. To the extent that this Agreement may be funded by fiscal assistance from another governmental entity, Consultant and any subcontractors shall comply with all applicable rules and regulations to which City is bound by the terms of such fiscal assistance program.
- 7.4 <u>Licenses and Permits.</u> Consultant represents and warrants to City that Consultant and its employees, agents, and any subcontractors have all licenses, permits, qualifications, and approvals of whatsoever nature that are legally required to practice their respective professions. Consultant represents and warrants to City that Consultant and its employees, agents, any subcontractors shall, at their sole cost and expense, keep in effect at all times during the term of this Agreement any licenses, permits, and approvals that are legally required to practice their respective professions. In addition to the foregoing, Consultant and any subcontractors shall obtain and maintain during the term of this Agreement valid business licenses from City.
- 7.5 Nondiscrimination and Equal Opportunity. Consultant shall not discriminate, on the basis of a person's race, religion, color, national origin, age, physical or mental handicap or disability, medical condition, marital status, sex, sexual orientation or any other legally protected status, against any employee, applicant for employment, subcontractor, bidder for a subcontract, or participant in, recipient of, or applicant for any services or programs provided by Consultant under this Agreement. Consultant shall comply with all applicable federal, state, and local laws, policies, rules, and requirements related to equal opportunity and nondiscrimination in employment, contracting, and the provision of any Services that are the subject of this Agreement, including but not limited to the satisfaction of any positive obligations required of Consultant thereby.

Consultant shall include the provisions of this Section in any subcontract approved by the Contract Administrator or this Agreement.

7.6 California Labor Code Requirements. Consultant is aware of the requirements of California Labor Code Sections 1720 et seq. and 1770 et seq., which require the payment of prevailing wage rates and the performance of other requirements on certain "public works" and "maintenance" projects ("Prevailing Wage Laws"). If the services are being performed as part of an applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and if the total compensation is \$1,000 or more, Consultant agrees to fully comply with such Prevailing Wage Laws. Consultant shall defend, indemnify and hold the City, its officials, officers, employees and agents free and harmless from

any claims, liabilities, costs, penalties or interest arising out of any failure or alleged failure to comply with the Prevailing Wage Laws. It shall be mandatory upon the Consultant and all subconsultants to comply with all California Labor Code provisions, which include but are not limited to prevailing wages (Labor Code Sections 1771, 1774 and 1775), employment of apprentices (Labor Code Section 1777.5), certified payroll records (Labor Code Sections 1813 and 1815) and debarment of contractors and subcontractors (Labor Code Section 1777.1). The requirement to submit certified payroll records directly to the Labor Commissioner under Labor Code section 1771.4 shall not apply to work performed on a public works project that is exempt pursuant to the small project exemption specified in Labor Code Section 1771.4.

If the services are being performed as part of an applicable "public works" or "maintenance" project, then pursuant to Labor Code Sections 1725.5 and 1771.1, the Consultant and all subconsultants performing such services must be registered with the Department of Industrial Relations. Consultant shall maintain registration for the full term of this Agreement and require the same of any subconsultants, as applicable. Notwithstanding the foregoing, the contractor registration requirements mandated by Labor Code Sections 1725.5 and 1771.1 shall not apply to work performed on a public works project that is exempt pursuant to the small project exemption specified in Labor Code Sections 1725.5 and 1771.1.

This Agreement may also be subject to compliance monitoring and enforcement by the Department of Industrial Relations. It shall be Consultant's sole responsibility to comply with all applicable registration and labor compliance requirements. Any stop orders issued by the Department of Industrial Relations against Consultant or any subcontractor that affect Consultant's performance of services, including any delay, shall be Consultant's sole responsibility. Any delay arising out of or resulting from such stop orders shall be considered Consultant caused delay and shall not be compensable by the City. Consultant shall defend, indemnify and hold the City, its officials, officers, employees and agents free and harmless from any claim or liability arising out of stop orders issued by the Department of Industrial Relations against Consultant or any subcontractor.

#### SECTION 8. TERMINATION AND MODIFICATION.

**8.1** Termination. City may cancel this Agreement at any time and without cause upon written notification to Consultant.

Consultant may cancel this Agreement only for cause upon thirty (30) days' written notice to City and shall include in such notice the reasons for cancellation.

In the event of termination, Consultant shall be entitled to compensation for Services performed satisfactorily to the effective date of termination; City, however, may condition payment of such compensation upon Consultant delivering to City any or all documents, photographs, computer software, video and audio tapes, and other materials provided to Consultant or prepared by or for Consultant or the City in connection with this Agreement.

**8.2** Extension. City may, in their sole and exclusive discretion, extend the end date of the term of this Agreement beyond that provided for in Section 1.1. Any such extension shall require a written amendment to this Agreement, as provided for herein. Consultant understands and agrees that, if City grants such an extension, City shall have no obligation to provide Consultant with compensation beyond the maximum amount provided for in this Agreement. Similarly, unless authorized by the Contract

Administrator, City shall have no obligation to reimburse Consultant for any otherwise reimbursable expenses incurred during the extension period.

- **8.3** Amendments. The parties may amend this Agreement only by a writing signed by all the Parties.
- Assignment and Subcontracting. City and Consultant recognize and agree that this Agreement contemplates personal performance by Consultant and is based upon a determination of Consultant's unique personal competence, experience, and specialized personal knowledge. Moreover, a substantial inducement to City for entering into this Agreement was and is the professional reputation and competence of Consultant. Consultant may not assign this Agreement or any interest therein without the prior written approval of the Contract Administrator. Consultant shall not subcontract any portion of the performance contemplated and provided for herein, other than to the subcontractors noted in the proposal, without prior written approval of the Contract Administrator.
- **8.5** <u>Survival.</u> All obligations arising prior to the termination of this Agreement and all provisions of this Agreement allocating liability between City and Consultant shall survive the termination of this Agreement.
- **8.6** Options upon Breach by Consultant. If Consultant materially breaches any of the terms of this Agreement, City's remedies shall include, but not be limited to, the following:
  - **8.6.1** Immediately terminate the Agreement;
- **8.6.2** Retain the plans, specifications, drawings, reports, design documents, and any other work product prepared by Consultant pursuant to this Agreement; and/or
- **8.6.3** Retain a different consultant to complete the work described in <u>Exhibit A</u> not finished by Consultant in which case the City may charge Consultant the difference between the cost to have a different consultant complete the work described in <u>Exhibit A</u> that is unfinished at the time of breach and the amount that City would have paid Consultant pursuant to Section 2 if Consultant had completed thework.

#### SECTION 9. KEEPING AND STATUS OF RECORDS.

- **9.1** Records Created as Part of Consultant's Performance. All reports, data, maps, models, charts, studies, surveys, photographs, memoranda, plans, studies, specifications, drawings, records, files, or any other documents or materials, in electronic or any other form, that Consultant preparesor obtains pursuant to this Agreement and that relate to the matters covered hereunder shall be the property of the City. Consultant hereby agrees to deliver those documents to the City upon termination of the Agreement. It is understood and agreed that the documents and other materials, including but not limited to those described above, prepared pursuant to this Agreement are prepared specifically for the Cityand are not necessarily suitable for any future or other use.
- **9.2** Confidentiality. All reports, data, maps, models, charts, studies, surveys, photographs, memoranda, plans, studies, specifications, records, files, or any other documents or materials, in electronic or any other form, that Consultant prepares or obtains pursuant to this Agreement and that relate to the matters covered hereunder shall be kept confidential by Consultant. Such materials shall not, without the

prior written permission of City, be used by Consultant for any purpose other than the performance of this Agreement nor shall such materials be disclosed publicly. Nothing furnished to Consultant, which is generally known, shall be deemed confidential. Consultant shall not use the City's name or logo or photographs pertaining to the Services under this Agreement in any publication without the prior written consent of the City.

- 9.3 <u>Consultant's Books and Records.</u> Consultant shall maintain any and all ledgers, books of account, invoices, vouchers, canceled checks, and other records or documents evidencing or relating to charges for Services or expenditures and disbursements charged to the City under this Agreement for a minimum of three (3) years, or for any longer period required by law, from the date of final payment to the Consultant.
- 9.4 <u>Inspection and Audit of Records.</u> Any records or documents that Section 9.2 of this Agreement requires Consultant to maintain shall be made available for inspection, audit, and/or copying at any time during regular business hours, upon oral or written request of the City. Under California Government Code Section 8546.7, if the amount of public funds expended under this Agreement exceeds Ten Thousand Dollars (\$10,000.00), the Agreement shall be subject to the examination and audit of the State Auditor, at the request of City or as part of any audit of City, for a period of three (3) years after final payment under the Agreement.
- **9.5** Intellectual Property. The City shall have and retain all right, title and interest, including copyright, patent, trade secret or other proprietary rights in all plans, specifications, studies, drawings, estimates, materials, data, computer programs or software and source code, enhancements, documents and any other works of authorship fixed in any tangible medium or expression, including but not limited to physical drawings or other data magnetically or otherwise recorded on computer media ("Intellectual Property") prepared or developed by or on behalf of Consultant under this Agreement. Consultant further grants to City a non-exclusive and perpetual license to copy, use, modify or sub-license any and all Intellectual Property otherwise owned by Consultant which is the basis or foundation for any derivative, collective, insurrectional or supplemental work created under this Agreement.

#### SECTION 10. MISCELLANEOUS PROVISIONS.

- 10.1 <u>Venue.</u> In the event either party brings any action against the other under this Agreement, the Parties agree that trial of such action shall be vested exclusively in the state courts of California in the County of Contra Costa or in the United States District Court for the Northern District of California.
- **10.2** Severability. If a court of competent jurisdiction finds or rules that any provision of this Agreement is invalid, void, or unenforceable, the provisions of this Agreement not so adjudged shall remain in full force and effect. The invalidity in whole or in part of any provision of this Agreement shall not void or affect the validity of any other provision of this Agreement.
- **10.3 No Implied Waiver of Breach.** The waiver of any breach of a specific provision of this Agreement does not constitute a waiver of any other breach of that term or any other term of this Agreement.
- **10.4** <u>Successors and Assigns.</u> The provisions of this Agreement shall inure to the benefit of and shall apply to and bind the successors and assigns of the Parties.

- **10.5 Use of Recycled Products.** Consultant shall prepare and submit all reports, written studies and other printed material on recycled paper to the extent it is available at equal or less cost than virgin paper.
- **10.6** Conflict of Interest. Consultant may serve other clients, but none whose activities within the corporate limits of City or whose business, regardless of location, would place Consultant in a "conflict of interest," as that term is defined in the Political Reform Act, codified at California Government Code Section 81000 et seq.

Consultant shall not employ any official of City in the work performed pursuant to this Agreement. No officer or employee of City shall have any financial interest in this Agreement that would violate California Government Code Section 1090 *et seq.* 

Consultant hereby warrants that it is not now, nor has it been in the previous twelve (12) months, an employee, agent, appointee, or official of the City. If Consultant was an employee, agent, appointee, or official of City in the previous twelve months, Consultant warrants that it did not participate in any manner inthe forming of this Agreement. Consultant understands that, if this Agreement is made in violation of Government Code § 1090 et. seq., the entire Agreement is void and Consultant will not be entitled to any compensation for Services performed pursuant to this Agreement, including reimbursement of expenses, and Consultant will be required to reimburse the City for any sums paid to the Consultant. Consultant understands that, in addition to the foregoing, it may be subject to criminal prosecution for a violation of Government Code Section 1090 and, if applicable, will be disqualified from holding public office in the Stateof California.

- **10.7** Inconsistent Terms. If the terms or provisions of this Agreement conflict with or are inconsistent with any term or provision of any Exhibit attached hereto, then the terms and provisions of this Agreement shall prevail.
- **10.8** Solicitation. Consultant agrees not to solicit business at any meeting, focus group, or interview related to this Agreement, either orally or through any written materials.
- 10.9 <u>Contract Administration.</u> This Agreement shall be administered by **Brandon Peters, GIS Coordinator**, ("Contract Administrator"). All correspondence shall be directed toor through the Contract Administrator or his or her designee.
  - **10.10 Notices.** Any written notice to Consultant shall be sent to:

ROK TECHNOLOGIES	
ATTN: JAY YOUNG, ACCOUNT EXECUTIVE	
1 Carriage Ln, # B201	
Charleston, SC 29407-6043	

Any written notice to City shall be sent to:

PUBLIC WORKS DEPARTMENT | BRANDON PETERS
City of Antioch
P. O. Box 5007
Antioch, CA 94531-5007

City of Antioch P. O. Box 5007 Antioch, CA 94531-5007 Attn: City Attorney

person can sign on behalf of the corporation]

**10.11** Integration. This Agreement, including all exhibits and other attachments, represents the entire and integrated agreement between City and Consultant and supersedes all prior negotiations, representations, or agreements, either written or oral.

CITY:	CONSULTANT:
CITY OF ANTIOCH	ROK Technologies, LLC
	Ву:
Cornelius H. Johnson, Interim City Manager	Name: Jay Young
	Title: Account Executive
Attest:	
Elizabeth Householder, City Clerk	Ву:
Elizabeth Householder, City Clerk	Name:
	Title:
Approved as to Form:	
Thomas Lloyd Smith, City Attorney	

[Two signatures are required for a corporation or one signature with the corporate bylaws indicating that one





# ROK Technologies Response to the City of Antioch's RFQ for the Development of GIS Managed Cloud Services

Prepared By: Jay Young, ROK Technologies

5/4/2022



May 4th, 2022

City of Antioch Public Works Department 1201 W. 4<sup>th</sup> Street Antioch, CA 94509

City of Antioch representatives:

ROK Technologies, LLC. is pleased to present a response to the City of Antioch's Request for Qualifications for the Development of GIS Managed Cloud Services. We understand the intention of this RFQ is to research vendors that possess the ESRI product knowledge and demonstrated experience to provide cloud managed services. ROK's staff consists of highly qualified personnel with a wealth of expertise in GIS, cloud computing, implementation planning, database design and development, application development and hosting systems, as well as unmatched customer service, support, and training. We appreciate the opportunity to present this quote and hope to work with the City of Antioch on this project.

Sincerely,

Jay Young

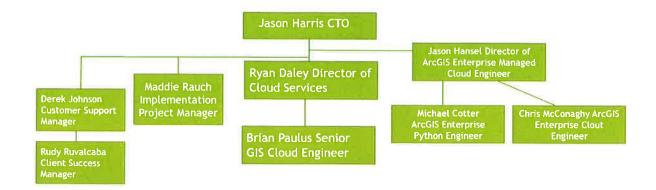
Account Executive- ROK Technologies.

ROK Technologies, LLC.

1 Carriage Ln # B201 Charleston, SC 29407-6043 Email: <u>iyoung@roktech.net</u> Cell Phone: <u>765.461.5131</u>



#### **Organizational Chart**



#### **Key Staff**

ROK Technologies will provide a team of experienced professionals to assist with this project. These key individuals, along with other ROK staff, will be working with the City of Antioch's staff throughout each task.

## <u>Maddie Rauch- Project Manager</u> College of Charleston | Bachelor of Science Business Administration and Management

Maddie will act as PSRC's main point of contact during the "activate" or implementation project. She will be your project manager and technical liaison for all new managed service implementations. Maddie is responsible for managing, administering, and supporting cloud-hosted GIS projects in both AWS and Azure environments.

### <u>Jason Harris- Chief Technology Officer</u> – University at Albany, SUNY | Bachelor of Administration in Geography

With over 27 years of experience in web-based GIS, IT, and database administration, Jason's knowledge is unique in the GIS industry. Able to quickly design solutions and troubleshoot problems effectively using his broad technical experience, Mr. Harris stands out as an Enterprise GIS and cloud expert. Mr. Harris is the architect of ROK Technologies' Managed Service program. Mr. Harris is the architect of ROK's cloud-based ArcGIS Server infrastructure, as well as many 3rd party enterprise implementations. This environment has been instrumental to the success of ROK's ArcGIS Server application hosting and managed service offerings. While specializing in system design and implementations, Mr. Harris' broad knowledge base includes:

- ArcGIS Enterprise (implementations, design, administration, performance tuning, etc)
- Enterprise Geodatabases (implementations, performance tuning, troubleshooting)
- Microsoft SQL Server (version 6.5 current)
- IIS and Apache web servers including reverse proxy and load balance design techniques
- OpenSSL



- ArcGIS Server administrative scripting (cache creation, data loads & transformations, administrative tasks, performance monitoring, etc)
- Multiple scripting languages, including JavaScript, PowerShell, Python (including Arcpy),
   ColdFusion
- Proficient in architecting and deployment in multiple cloud environments
- Citrix XenApp Server and related VDI technologies, including GPU accelerated workloads
- Multiple system monitoring and performance packages
- ArcGIS Desktop suite (including ArcGIS Pro, License manager, Spatial Analyst, Business Analyst, etc)

#### Certificates

- o Esri Certified Administration Associate 10.5
- o TS/SCI Level Clearance

**Professional Development** 

- o Esri UC Presenter
- o Esri-Azure SLG Panel July 2019
- o AWS SIG presenter July 2019, July 2018 (selected by Amazon to present as a recognized expert for AWS based GIS infrastructure and deployment)
- o Additional past attendance and presentations at Esri UC conferences for over twenty years

#### Awards/ Publications

- o 2 time winner of Esri's ArcIMS Challenge
- o "Tiles on a Cloud" ArcUser 2008

## <u>Ryan Daley- Senior Cloud Architect</u> East Carolina University | Master of Science Networking Technology: Information Security/Information System Management | Bachelor of Science in Information Technology: Information Security

As ROK Technologies' Senior Cloud Architect, Mr. Daley is the go-to expert for cloud architecture, maintenance, and troubleshooting. With a diverse background in systems administration, Mr. Daley has a passion for innovative projects and an eye for detail.

Since his start at ROK Technologies, Ryan has been heavily involved in the pre/post-sales process involving cost, environment, technology evaluation and client proposals. Mr. Daley's experience includes the following:

- Proficient in both AWS and Microsoft Azure cloud platforms
- Ground-up implementation and integration of cloud infrastructure
- Provide proof-of-concept solutions tailored to client needs
- Architect solutions to meet client needs, budgets, and constraints
- Responsible for setting clear, thorough, client-focused direction for cloud migration and optimization processes
- Automation of client system monitoring and optimization
- Familiar with integrating cloud/on-premise active directory solutions to meet client authentication and infrastructure needs.
- High level client requirement gathering and solution design
- Migrate IaaS, PaaS, and SaaS instances between multiple private/public cloud providers, as well as on-premise to cloud



- Develop cloud reference architectures, policies, security models and best practices
- Proficient in managing multiple cloud implementation types, including hybrid cloud and cloud native environments
- Proficient in the understanding, troubleshooting, and management of distributed, wide-scale network implementations
- Implemented automated client environment management and monitoring, allowing us to easily provide the client uptime outlined within the SLA
- Expert level competency in multiple security standards and processes, including PCI DSS and HIPAA.
- Extensive experience in NIST based security best practices
- Implemented infrastructure monitoring / automation with lambda leveraging python and BOTO3
- Familiar and competent in both Windows and Linux environments, as well as with client-side scripting and automation (bash, batch, etc.)

# <u>Jason Hansel- Director of ArcGIS Enterprise Solutions</u> University of Maryland Bachelor of Science Geography

Jason Hansel is a results-oriented, problem solving, & high energy Geographic Information System (GIS) specialist with a proven record of accomplishments. Jason has over 18 years of experience providing GIS software configuration, installation, data administration and technical support.

Jason specializes in Cloud Based IT Infrastructure, Consulting, and Hosting for the ArcGIS Platform. His role at ROK has included the following:

- Assess current and future ESRI Software requirements
- Architect Cloud solutions for AWS and Azure
- Implement and configure ArcGIS Enterprise Stack for AWS and Azure
- Base Stack: ArcGIS Portal | Server | Datastore | Web Adaptor
- Highly Available (HA) solutions
- Production | Staging | Development
- Additional ArcGIS Server roles: Geoevent Server | ImageServer | Roads and Highways
- Administer Cloud IT deployments
- Subject Matter Expert for ESRI ArcGIS Enterprise Stack
- Implement Cloud Migration from on premise and cloud environments to AWS and Azure

### **Qualifications & Experience**

At ROK Technologies, we take GIS to the cloud. ROK, located at 1 Carriage Lane, Charleston, SC has worked exclusively in the GIS sector since our inception in 1997. In 2015, we pivoted our business model from custom map applications and on demand services, to solely focus on architecting, deploying and managing the ArcGIS® Enterprise suite and Desktop applications in Cloud and Hybrid environments. Recognized as an Esri Cloud Specialty Partner, our team of certified AWS, Azure, and Esri experts bring our many years of extensive, multi-disciplinary knowledge to each and every organization we serve.

With over 140 clients globally, ROK's expertise can be found in all of Esri's key verticals including Architecture, Engineering & Construction, Commercial, Oil & Gas, Telecommunications, Public Safety,



Transportation, Utilities, and State and Local Government. Our customers range from large Fortune 100 companies to small municipalities.

Currently an Esri Gold level business partner, ROK and ESRI's partnership started at the company's inception in 1997. We have assisted with, and participated in every Esri MapObjects, ArcIMS, and ArcGIS for Server beta program since 1997. In addition to the ArcGIS Cloud Services Specialty, ROK has been awarded the following Esri distinctions: ArcGIS Online Specialty, ArcGIS for Local Government Specialty, Federal Small Business Specialty and the Release Ready Specialty. ROK's Managed Cloud Services can also be found in the ArcGIS Marketplace.

### Work Approach

Implementing ArcGIS Enterprise solution successfully requires a skilled team of experienced GIS experts. Direct communication, itemized implementation plan, and transparency into the status of the project are crucial for a successful deployment. To mitigate any potential risk, ROK will work with Antioch's team directly to assess the GIS needs, develop a detailed roadmap, and optimize operational costs. In order to have a holistic understanding of your GIS setup and goals, we conduct thorough and in-depth discovery, meetings, and architectural reviews. As a result, your organization will save time, money, and IT resources, while reducing project risk and downtime.

### Scope of Work of Activities

### Task 1

ROK will provide an assessment to better understand existing GIS/IT systems and applications. This assessment is free of charge and evaluates the following items:

- Review of current configuration
  - Review existing infrastructure to determine any changes necessary for optimal performance
  - Review needs additional environments i.e., testing environments, development environments, etc.
- Assess Esri Software
  - Current version of OS
  - Licensing
    - ArcGIS Pro vs. Desktop users
      - How many "power users" editing against the database?
      - How many editing features services only?
  - o ArcGIS Online data needs
  - Supporting hardware for GIS users
- Data Details
  - Map Services
    - What type, how many,
    - Public facing vs. internal



- Imagery
  - Storage requirements
- Review any crucial security requirements/compliances
- o Current Enterprise GeoDatabase details
- o 3<sup>rd</sup> party integrations within GIS
- o Data backup and retention
- IT Requirements
  - o Domain name
  - SSL certificates
  - Active directory
  - IT specific security policies
  - o Backup and retention

Once we have completed the assessment, we will then be able to develop a proper IT strategy and implementation guide.

### Task 2

This implementation strategy will use the information gathered from the assessment to properly architect the environment which ArcGIS Enterprise will be deployed, including the servers, required computing, storage, security, 3<sup>rd</sup> party applications, end user needs, etc. as well as the estimated timeline and budget. ROK will provide an estimated number of hours required to implement/setup this environment as well as the hours required to manage and maintain this environment on an ongoing basis. We'll review the strategy together to ensure it aligns with Antioch's vision, timeline, and budget. If the proposed strategy and price is approved to move forward contractually, we can then officially schedule the project kickoff meeting.

### Task 3

Traditional implementations consist of setting up the cloud environment, install and configuration of ArcGIS services, data migration (if applicable), and constant quality testing prior to "going live". Although ROK will be tasked with the majority of the heavy lifting throughout the implementation project, there will be periods of collaboration to ensure a successful project. The first kickoff meeting together will include brief introductions of the ROK team assigned to the project, as well as an overview of the project timeline, deliverable items, and next steps. We'll review the responsibilities of each team and confirm main points of contact for reliable communication. Weekly calls will be scheduled to provide insight on the status of the implementation as well as any outstanding project items.

Once the implementation is complete and we cut over to the new environment, ROK's ongoing managed services will provide the support to maintain the infrastructure.

### Task 4

Your new infrastructure and Esri software will be fully managed by our team of cloud and GIS experts. The City of Antioch will receive proactive and reactive support designed to keep your new system up to date and secure at all times. These support services will include OS updates and patches, aggressive

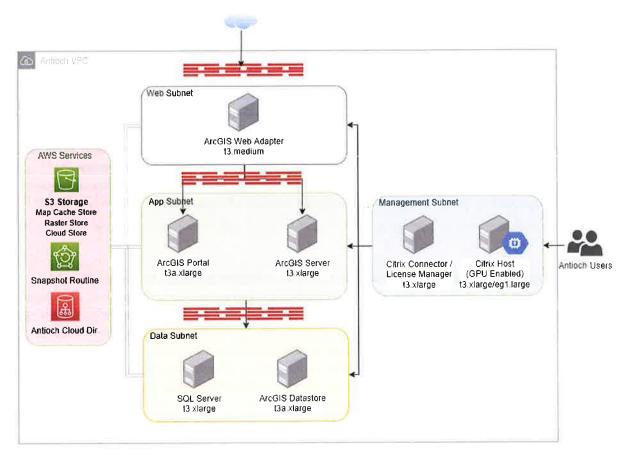


monitoring, data backup and retention, security management, monthly system reviews, Esri COTS upgrades, 24/7 support from an actual ROK team member, dedicated client success manager, configuration assistance, and a customer portal for submitting tickets and questions.

#### Task 5

One of the many benefits a cloud environment offer is immediate scalability which means your organization won't have to anticipate future growth, hardware, and budget years in advance. Our team can consult on optimizing your current setup for immediate use or future growth, if and when to scale the environment, and budgetary changes you might expect. ROK's managed services also include system reviews, which are useful when developing a long-term GIS strategy

# **Environment Diagram Example**





# **Hardware Specifications Example**

Description	Server Instances	Specs
ArcGIS Server	1	4 vCPUs 16GB RAM
Portal Server	1	4 vCPUs 16GB RAM
Datastore	1	4 vCPUs 16GB RAM
SQL Server	1	4 vCPUs 16GB RAM
Web Server	1	2 vCPUs 4GB RAM
License Manager/ Citrix Connector	1	2 vCPUs 8GB RAM

	<u>Citrix Virtualized Works</u>	<u>spaces</u>	
Description	Server Instances	Specs	
Citrix Server	1,	4 vCPUs 16GB RAM GPU enabled	
	<u>Virtual Seats</u>		
Description	Server Instances		
Citrix Virtual Desktop Infrastructure	2 Named Users for ArcGIS Pro		



Storage				
Service Type Production Environment	Disk Type	Size		
7 Virtual Machine Storage	SSD Storage	1.6 TB		
S3 Storage	General Purpose	1 TB		

# **Backup and Retention Policy**

ROK's standard data backup and retention policy is designed to provide secure and accessible data, as well as a mitigation strategy to prevent the loss of data due to cyber-attacks. These policies can be customized to meet each organization back up and retention requirements. Below is ROK's standard policy:

	<b>Back Up and Retention Duration</b>	
Frequency	Time	Retention Duration
Daily	Every 12 hours	1 Month
Monthly	12 Months	
	SQL Server	
Frequency	Time	Retention Duration
Daily	4 times daily	1 Month
Monthly	1st Full SQL Backup of the Month	12 Months



### **Anticipated Project Schedule**

During project planning, a detailed timeline will be developed. The timeline below is a high-level representation, all dates, and durations are relative to the project start date and are estimates only. If the project timeline changes significantly, a change request may be issued following the Change management process.

The estimated duration of this engagement is approximately 9-10 weeks, but subject to change after an updated assessment has been completed with the City of Antioch's GIS representatives. This estimated duration is reflective of the work effort associated with each activity and is subject to change due to changes in scope, issues encountered, planned maintenance windows and other business reasons encountered during execution. The actual duration will be finalized during the project initiation. This schedule assumes that change control procedures will not introduce delays in the execution of project tasks.

- 1. Phase 1 | AWS Environment Deployment
- 2. Phase 2 | Install and Configure Esri Enterprise
- 3. Phase 3 | Asset Migration
- 4. Phase 4 | Go Live



### **Current Fee Schedule**

Service	Fee Schedule	
Proactive Managed Service hour	\$250/hr	
Reactive Managed Service hour	\$250/hr	
Implementation Project hour	\$250/hr	

### **Current Service Pricing Breakdown and Estimates\***

Service	Price per hour	Estimated Hours/month(*)	Estimated Monthly Cost	Total Annual Cost
One Time Implementation Project Hours	\$250	100		\$25,000
Proactive Managed Service Hours	\$250	8*	\$2000	\$24,000
Reactive Managed Service Hours	\$250	8*	\$2000	\$24,000
AWS Cloud Infrastructure cost	-		\$1,690	\$20,280
Year 1 Total				\$93,280

<sup>\*</sup>Prices reflected are estimates and subject to change after a thorough and updated assessment has been completed with the City of Antioch's GIS representatives.



Proof of ESRI Partner Network membership



### Overview

At ROK Technologies, our sole focus is to architect, deploy and manage the ArcGIS® Enterprise suite and Desktop applications in Cloud and Hybrid environments, Recognized as an Esri Cloud Specialty Partner, our team of certified AWS, Azure, and Esri experts bring our many years of extensive, multi-disciplinary knowledge to each and every organization we serve. With scalable, highly durable, and cost-effective cloud first technologies, ROK can take the IT and ArcGIS Enterprise management off your plate, so you can focus on what you do best, GIS.

In addition to the ArcGIS Cloud Services Specialty, ROK has been awarded following Esri distinctions: ArcGIS Online Specialty, ArcGIS for Local Government Specialty, Federal Small Business Specialty and the Release Ready Specialty, ROK's Managed Cloud Services can also be found in the ArcGIS Marketplace.

ROK, We Take Your GIS To The Cloud.

#### Services

Overview: ROK takes your GIS to the Cloud. Our team of experts architect & manage cloud environments that support ArcGIS Enterprise and third-party applications for all Esri verticals. Whether you are new to ArcGIS Enterprise or already using a host of applications, ROK designs the solutions that will allow your GIS to expand & enable a strong, remote workforce, While also provide stress free GIS by taking over all of the Cloud and Software management you are faced with today. At ROK, we want you to focus on what you do best - GIS.



6 GOLD

### Contact us

ROK Technologies LLC 1495 Greenshade Way Mount Pleasant SC 29464-3848 United States T: (843) 577-3192 https://www.roktechanes/

### Program



# **Ability to Meet Contract & Insurance Requirements**

Upon request, ROK will provide the City of Antioch the Service Level Agreement, Master Service Agreement, and Statement of Work contractual documents required. ROK will also provide the necessary insurance documentation required for this partnership.

### **Terminated Contracts**

None

Litigations

None



# STAFF REPORT TO THE CITY COUNCIL

**DATE:** Regular Meeting of June 28, 2022

**TO:** Honorable Mayor and Members of the City Council

**SUBMITTED BY:** Brad Helfenberger, Parks and Recreation Director

**SUBJECT:** Amendments to Memoranda of Agreement with Contra Costa Health

Services for Mutual Aid Response to COVID-19 Pandemic – Use of

City Antioch Facilities

# **RECOMMENDED ACTION**

It is recommended the City Council adopt the resolution approving amendments to the Memoranda of Agreement between the City of Antioch and Contra Costa Health Services for mutual aid and assistance in response to the COVID-19 pandemic and authorizing the City Manager to extend the agreements through June 30, 2023.

# **FISCAL IMPACT**

Per the City's current Master Fee Schedule, use of the Nick Rodriguez Community Center is \$12,000 per month and the Antioch Community Center Parking Lot is \$2,650 per month. Given the public purpose of COVID-19 testing and vaccinations, facilities use is provided at no cost as part of the City Antioch's mutual aid response.

## DISCUSSION

At the regular meeting of January 12, 2021, the City Council adopted a resolution ratifying action taken by the City Manager to enter into Memoranda of Agreements with Contra Costa Health Services as part of a mutual aid response to the COVID-19 Pandemic. The Resolution approved agreements for a period extending to July 31, 2021. The Nick Rodriguez Community Center located at 213 F Street has been utilized as a vaccine site and the Antioch Community Center parking lot located at 4703 Lone Tree Way has been utilized as a testing site. Contra Costa County Health Services contacted staff to continue to utilize City of Antioch properties as part of their ongoing emergency response in Eastern Contra Costa County to address pressing public health needs associated with the COVID-19 pandemic. The City Council subsequently adopted resolutions at the regular meetings of September 14, 2021 and December 14, 2021 authorizing extensions of the agreements through June 30, 2022.

At this time, it is recognized that the demand for vaccination services is approaching stable levels and the need for space has lessened. Therefore, it is proposed that the

County relocate vaccination services from the Multipurpose Room to the Conference Room at the Nick Rodriguez Community Center. The reduced footprint will allow other desired activities to resume in the Multipurpose Room. The requested use of the Antioch Community Center Parking Lot is not changing at this time.

The County is requesting agreement extensions in 30-day intervals but anticipates the needed use of space through June 30, 2023. The current proposed extensions will be effective through September 30, 2022. The attached resolution grants authority to the City Manager to extend additional agreements through June 30, 2023.

# **ATTACHMENTS**

- **A.** Resolution
- **B.** Amendment to Memoranda of Agreement for Antioch Community Center effective July 1, 2022
- **C.** Amendment to Memoranda of Agreement for Nick Rodriguez Community Center effective July 1, 2022
- D. Original Agreement for Antioch Community Center Dated January 5, 2021
- E. Original Agreement for Nick Rodriguez Community Center Dated January 5, 2021

## **RESOLUTION NO. 2022/\*\*\***

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH APPROVING AMENDMENTS TO MEMORANDA OF AGREEMENT BETWEEN CONTRA COSTA COUNTY AND THE CITY OF ANTIOCH FOR MUTUAL AID ASSISTANCE IN RESPONSE TO THE COVID-19 PANDEMIC BY LOCATING COVID-19 TESTING AND VACCINATIONS AT THE ANTIOCH COMMUNITY CENTER AND THE NICK RODRIGUEZ COMMUNITY CENTER

- **WHEREAS**, a novel coronavirus that causes a respiratory illness referred to as coronavirus disease 2019 ("COVID-19") has resulted in a pandemic;
- **WHEREAS,** on March 4, 2020, Governor Gavin Newsom proclaimed a State of Emergency to exist in California as a result of COVID-19;
- **WHEREAS,** on March 10, 2020, the County Board of Supervisors declared the existence of a local emergency throughout Contra Costa County caused by the introduction of COVID-19;
- **WHEREAS**, on March 24, 2020, the Antioch City Council adopted Resolution No. 2020-38 proclaiming a local emergency to exist in the City of Antioch due to the COVID-19 Pandemic;
- **WHEREAS**, on January 12, 2021, the Antioch City Council adopted Resolution No. 2021-03 ratifying action taken by the City Manager to enter into a Memoranda of Agreement between the City of Antioch and Contra Costa Health Services as part of a mutual aid response to the COVID-19 Pandemic,
- **WHEREAS,** on September 14, 2021 and December 14, 2021 the Antioch City Council adopted resolutions ratifying action taken by the City Manager and approving to entry into amendments of memoranda of agreement between the City of Antioch and Contra Costa Health Services as part of a mutual aid response to the COVID-19 pandemic,
- **WHEREAS**, Contra Costa County Health Services seeks to continue to utilize City of Antioch properties as part of their ongoing emergency response in Eastern Contra Costa County to address pressing public health needs;
- **WHEREAS**, the Nick Rodriguez Community Center located at 213 F Street has been utilized as a vaccine site and the Antioch Community Center parking lot located at 4703 Lone Tree Way has been utilized as a testing site; and
- **WHEREAS**, the City of Antioch seeks to approve use of said facilities at no cost to Contra Costa Health Services as part of the City's mutual aid response.

# **RESOLUTION NO. 2022/\*\***

of June 2022, by the following vote:

June 28, 2022

Page 2

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Antioch hereby approves the following:

- 1. Amendment to Memoranda of Agreement for Antioch Community Center effective July 1, 2022 (Attachment B); and
- 2. Amendment to Memoranda of Agreement for Nick Rodriguez Community Center effective July 1, 2022 (Attachment C).

**BE IT FURTHER RESOLVED** that the City Council of the City of Antioch hereby authorizes the City Manager to enter into subsequent Amendments to Memoranda of Agreement for Antioch Community Center and Nick Rodriguez Community Center for the purpose of extending the date of the agreements until June 30, 2023.

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Antioch at a regular meeting thereof, held on the 28th day

AYES:	
NOES:	
ABSTAIN:	
ABSENT:	
	ELIZABETH HOUSEHOLDER
	CITY CLERK OF THE CITY OF ANTIOCH

# AMENDMENT TO MEMORANDUM OF AGREEMENT BETWEEN CONTRA COSTA COUNTY AND CITY OF ANTIOCH FOR MUTUAL AID ASSISTANCE IN RESPONSE TO THE COVID-19 PANDEMIC

This Amendment ("Amendment") to the Memorandum of Agreement Between Contra Costa County and City of Antioch for Mutual Aid Assistance in Response to the COVID-19 Pandemic is entered into \_\_\_\_\_\_, 2022, between the City of Antioch, a municipal corporation ("City") and the County of Contra Costa, a political subdivision of the State of California ("County") (each a "Party" and collectively, the "Parties").

### **RECITALS**

- A. On February 4, 2021, the Parties entered into the Memorandum of Agreement Between Contra Costa County and City of Antioch for Mutual Aid Assistance in Response to the COVID-19 Pandemic (MOU), authorizing COVID-19-related services to occur at the Antioch Community Center parking lot. The term of the MOU extended through July 31, 2021.
- B. On July 1, 2021, the Parties entered into an agreement to extend the term of the MOU through August 31, 2021.
- C. On September 7, 2021, the Parties entered into an agreement to extend the term of the MOU through December 31, 2021.
- D. On December 14, 2021, the Parties entered into an agreement to extend the term of the MOU through June 30, 2022.
- E. The Parties now wish to extend the term of the MOU through July 31, 2022.

### **AGREEMENT**

1. Section 1 of the MOU is amended to read as follows:

<u>Term.</u> The term of this Agreement shall commence on February 4, 2021, and continue through July 31, 2022 (the "Term"), unless terminated early in accordance with Section 18 or extended by mutual agreement of the Parties with the City Manager delegated the authority to extend the Agreement. On the last day of the Term or sooner if the Agreement is terminated, County will surrender to City the Premises in good order, condition and repair, excepting reasonable use and wear.

2. In all other respects, the terms of the MOU, as amended, are ratified and confirmed.

# COUNTY OF CONTRA COSTA **CITY OF ANTIOCH** By: \_\_\_ By: \_ Anna M. Roth, RN, MS, MPH Cornelius Johnson Health Director City Manager Recommended: Attest: Monica Nino **County Administrator** By: \_ Enid Mendoza Elizabeth Householder Senior Deputy County City Clerk Administrator Approved as to Form: Approved as to Form: Mary Ann McNett Mason County Counsel Deputy County Counsel By: \_

Thomas Lloyd Smith

City Attorney

# AMENDMENT TO MEMORANDUM OF AGREEMENT BETWEEN CONTRA COSTA COUNTY AND CITY OF ANTIOCH FOR MUTUAL AID ASSISTANCE IN RESPONSE TO THE COVID-19 PANDEMIC

This Amendment ("Amendment") to the Memorandum of Agreement Between Contra Costa County and City of Antioch for Mutual Aid Assistance in Response to the COVID-19 Pandemic is entered into \_\_\_\_\_\_, 2022, and effective as of July 1, 2022, between the City of Antioch, a municipal corporation ("City") and the County of Contra Costa, a political subdivision of the State of California ("County") (each a "Party" and collectively, the "Parties").

## **RECITALS**

- A. On January 5, 2021, the Parties entered into the Memorandum of Agreement Between Contra Costa County and City of Antioch for Mutual Aid Assistance in Response to the COVID-19 Pandemic (MOA), authorizing COVID-19-related services to occur at the Nick Rodriguez Community Center (the "Premises"). The term of the MOA extended through July 31, 2021.
- B. On July 1, 2021, the Parties entered into an agreement to extend the term of the MOA through August 31, 2021.
- C. On August 31, 2021, the Parties entered into an agreement to extend the term of the MOA through December 31, 2021.
- D. On December 14, 2021, the Parties entered into an agreement to extend the term of the MOA through June 30, 2022.
- E. The Parties now wish to extend the term of the MOA through July 31, 2022, and change the portion of the Premises to be made available for operation of COVID-19-related services.

## **AGREEMENT**

1. Section 1 of the MOA is amended to read as follows:

<u>Term.</u> The term of this Agreement shall commence on January 5, 2021, and continue through July 31, 2022 (the "Term"), unless terminated early in accordance with Section 19 or extended by mutual agreement of the Parties with the City Manager delegated the authority to extend the Agreement on behalf of City. On the last day of the Term or sooner if the Agreement is terminated, County will surrender to City the Premises in good order, condition and repair, excepting reasonable use and wear.

- 2. Exhibit A attached to the MOA is removed and replaced with Exhibit A attached hereto.
- 3. In all other respects, the terms of the MOA, as amended, are ratified and confirmed.

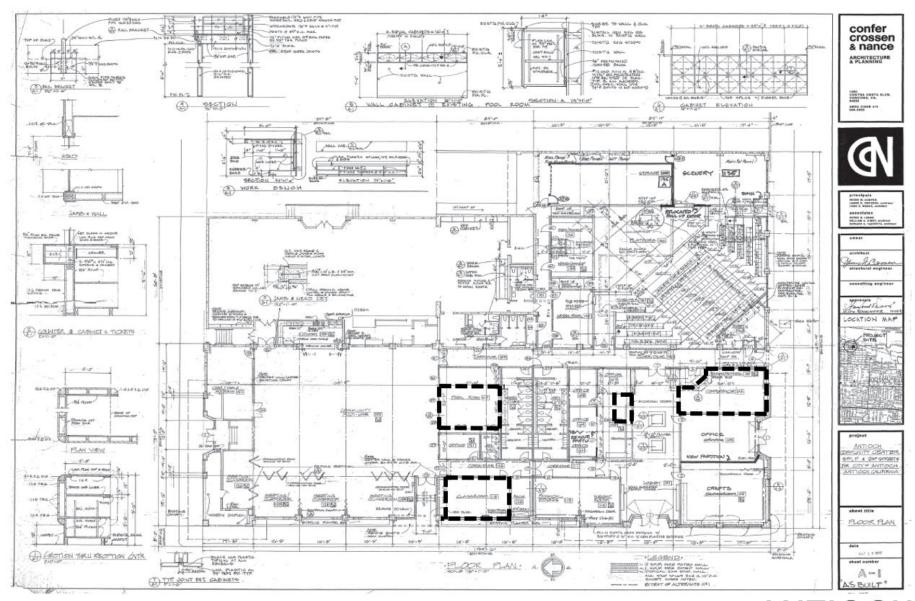
# **COUNTY OF CONTRA COSTA**

# CITY OF ANTIOCH

By: Anna M. Roth, RN, MS, MPH	By:Cornelius Johnson
Health Director	City Manager
Recommended:	Attest:
Monica Nino County Administrator	
Ву:	By:Elizabeth Householder
Enid Mendoza Senior Deputy County Administrator	Elizabeth Householder City Clerk
Approved as to Form:	Approved as to Form:
Mary Ann McNett Mason County Counsel	
By: Deputy County Counsel	By:
Deputy County Counsel	Thomas Lloyd Smith City Attorney

# **Exhibit A**

# Nick Rodriguez Community Center



■ ■ ■ ■ General Outline of Community Center space

ANTIOCH CALIFORNIA OPPORTUNITY LIVES HERE

# MEMORANDUM OF AGREEMENT BETWEEN CONTRA COSTA COUNTY AND CITY OF ANTIOCH FOR MUTUAL AID ASSISTANCE IN RESPONSE TO THE COVID-19 PANDEMIC

This Memorandum of Agreement ("Agreement") is made and entered into on February 2021, by and between the City of Antioch, a municipal corporation ("City") and the County of Contra Costa, a political subdivision of the State of California ("County") (each a "Party" and collectively, the "Parties").

### RECITALS

WHEREAS, a novel coronavirus that causes a respiratory illness referred to as coronavirus disease 2019 ("COVID-19") has resulted in a pandemic; and

WHEREAS, on March 4, 2020, Governor Gavin Newsom proclaimed a State of Emergency to exist in California as a result of COVID-19; and

WHEREAS, on March 10, 2020, the County Board of Supervisors declared the existence of a local emergency throughout Contra Costa County caused by the Introduction of COVID-19; and

WHEREAS, on March 24, 2020, the City Council for the City of Antioch adopted Resolution No. 2020-38 proclaiming a local emergency to exist in the City of Antioch due to the COVID-19 Pandemic; and

WHEREAS, on March 22, 2020, President Donald J. Trump approved a Major Disaster Declaration for the State of California in connection to COVID-19 and ordered federal funding available to state, tribal and local governments for emergency protective measures, including direct federal assistance to bolster California's COVID-19 emergency response efforts; and

WHEREAS, the California Department of Public Health ("CDPH") has contracted with a Logistics Health, Inc., a subsidiary of OptumServe Health Services ("LHI"), to provide specimen collection and testing services ("COVID-19 Testing") and administer COVID-19 vaccinations ("COVID-19 Vaccinations") as part of the state's COVID-19 response effort under the Governor's emergency declaration; and

WHEREAS, CDPH has requested counties to identify collection sites for COVID-19 Testing and sites for the administration of COVID-19 Vaccinations; and

WHEREAS, County has identified the parking lot at the Antioch Community Center, located at 4703 Lone Tree Way, Antioch, California, as a suitable location for COVID-19 Testing and COVID-19 Vaccinations, and has requested City to make available the westerly portion of the parking lot (the "Premises") available for this purpose;

**NOW, THEREFORE,** in consideration of the foregoing recitals and for other good and valuable consideration, the Parties agree as follows:

1. <u>Term.</u> The term of this Agreement shall commence on February 4, 2021, and continue through July 31, 2021 (the "Term"), unless terminated early in accordance with Section 18 or extended by mutual agreement of the Parties. The City Manager is delegated the authority to execute an agreement to extend the Term on behalf of City. On the last day of the Term or

sooner if the Agreement is terminated, County will surrender to City the Premises in good order, condition and repair, excepting reasonable use and wear.

- 2. Use of Premises. City shall make the Premises available for use by County, CDPH, and LHI and any other service providers with whom CDPH may contract (collectively "Contractors"), or by any of them, to provide either COVID-19 Testing or COVID-19 Vaccinations, or both, and services related thereto, including but not limited to security and sanitation, and the storage of associated equipment and supplies, through the Term of this Agreement. County, CDPH and Contractors will have access to and exclusive use of the Premises from Thursday through Monday, 5 a.m. to 9 p.m., and at other times that may be approved in advance in writing by the Clty Manager or his designee. At all other times through the Term of this Agreement, County, CDPH and Contractors will have access to and non-exclusive use of the Premises for the purpose of storing two portable toilets, one handwashing station, and one storage container, provided that these items are placed and stored only in the most southwesterly corner of the Premises. No other use of the Premises is allowed. County acknowledges that the easterly portion of the parking lot is used for public parking and City programs and services, which will continue during the term of this Agreement.
- 3. <u>Hazardous Materials</u>. No storage of flammable liquids or products shall be allowed unless approved by City. At the end of each day of use, County or Contractors shall ensure that all biohazardous materials are removed from the Premises.
- 4. <u>Janitorial Services</u>. County or Contractors shall be responsible for providing all janitorial, disinfecting and sanitation services at the Premises each day of operation, during the hours of operation set forth above.
- 5. <u>Security</u>; <u>Damage</u>; <u>Loss</u>. County or Contractors shall be responsible for providing appropriate security services during the hours of operation set forth above. City shall not be responsible for any damage to or loss of County's personal property. County shall be self-insured or carry appropriate property insurance for such loss. County shall be responsible for all damage or loss to Premises or City's personal property in the Premises, normal wear and tear excepted, to the extent such damage or loss is caused by the actions of County under this Agreement.
- 6. <u>Improvements</u>; Signs. County may not make any improvements or alterations to Premises or construct or install any sign without the prior written consent of City. County shall have the right to place portable signs directing the public to the Premises.
- 7. <u>Nondiscrimination</u>. County shall comply with all laws, including but not limited to, federal and state nondiscrimination laws, related to employment and provision of services.
- 8. <u>Compliance with Public Health Orders</u>. County shall comply with all State and County public health orders, including all applicable social distancing and face covering requirements related to the COVID-19 pandemic.
- 9. <u>No Dedication</u>. Nothing in this Agreement shall be deemed a gift or dedication of any portion of the Premises to or for the general public. Use of the Premises shall not entitle anyone to any relocation benefits pursuant to federal, state or local law and County waives any such claim against City.
- 10. Payment. Given the public purpose of COVID-19 Testing and COVID-19 Vaccinations, City has agreed to the use of the Premises by County, CDPH and Contractors at no cost, through the Term of this Agreement. City calculates the deferred value of the use of the

Premises to be \$2,650 per month, consistent with the Premises rental fees as provided for in the City's current Master Fee Schedule.

- 11. <u>Insurance</u>. County shall maintain during the Term of this Agreement insurance against claims or injuries to persons or damages to property arising from or in connection with County's operation and use of the Premises. The cost of such insurance shall be borne by the County. County shall maintain insurance at least as broad as the coverage described as follows:
- a. Commercial General Liability Insurance Services Office (ISO) Form CG 00 01 covering commercial general liability on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than \$2,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this location or the general aggregate limit shall be twice the occurrence limit.
- b. The General Liability policy is to contain, or be endorsed to contain, the following provision:

The City of Antioch, its officers, officials, agents, employees and volunteers are to be covered as additional insureds by endorsement with respect to liability arising out of work or operations performed by or on behalf of County including materials, parts or equipment furnished in connection with such work or operations.

General liability coverage can be provided in the form of an endorsement of County's insurance at least as broad as ISO Form CG 20 10. ISO Form CG 20 11 01 96 is appropriate. Self-insurance and pool insurance is acceptable to satisfy the insurance requirement in this section. The coverage shall contain no special limitations on the scope of protection afforded to City, its officers, officials, agents, employees or volunteers.

County's insurance coverage shall be primary insurance with regard to City, its officers, officials, agents, employees and volunteers. Any insurance maintained by City, its officers, officials, agents, employees and volunteers shall be in excess of County's insurance and shall not contribute to it.

- 12. Indemnification. Each Party shall defend, indemnify, and hold the other Party, its officials, officers, employees, agents, and volunteers, harmless from and against any and all liability, loss, expense (including reasonable attorney's fees), or claims for injury or damage arising out of the performance of this Agreement, but only in proportion to and to the extent such liability, loss, expense (including reasonable attorneys' fees), or claims for injury or damage are caused by or result from the negligent or intentional acts or omissions of the indemnifying Party, its officials, officers, employees, agents, or volunteers.
- 13. <u>Injuries</u>. To the extent that County or City personnel provide services under this Agreement, such services will be considered to be disaster service activities under Government Code section 3100, and subject to applicable workers' compensation requirements.
- 14. <u>Disclaimer of Condition of Premises</u>. City makes no warranty or representation of any kind or nature regarding the Premises or the fitness of the Premises for the use intended by

County. County and its employees and contractors waive any claims against City regarding the Premises.

- 15. <u>Compliance with Laws</u>. The Parties will comply with all applicable local, state, and federal laws and regulations with respect to the terms and conditions of this Agreement.
- **16.** Amendments. This Agreement may be amended by mutual consent of the Parties. Any amendment will be in writing, signed by both Parties.
- 17. <u>Waivers</u>. The waiver by either Party of any breach or violation of any term, covenant, or condition of this Agreement or of any applicable law will not be deemed to be a waiver of such term, covenant, condition or law or of any subsequent breach or violation of same or of any other term, covenant, condition or law.
- **18.** <u>Termination</u>. Each Party may terminate this Agreement upon 30 days written notice to the other Party.
- 19. <u>Notices</u>. Any notices relating to this Agreement will be given in writing and will be deemed sufficiently given and served for all purposes when delivered personally, by email, by facsimile or by generally recognized overnight courier service, or five (5) days after deposit in the United States mall, certified or registered, return receipt requested, with postage prepaid, addressed as follows:

For City:

City of Antioch P.O. Box 5007 Antioch, CA 94531

Phone No.: (925) 779-6863 Attn: Ron Bernal, City Manager

Email: rbernal@antiochca.gov

For County:

Contra Costa County Administrator's Office 1025 Escobar St., 4th Floor Martinez, CA 94553

Phone No.: (925) 655-2043

Attn: Timothy Ewell, Chief Assistant County

Administrator

Email: Doc.Logistics@cchealth.org

Either Party may change its address for purposes of this section by giving the other Party written notice of the new address in the manner set forth above.

- **20.** Entire Agreement. This Agreement constitutes the entire agreement of the Parties and will supersede all prior offers, negotiations, and agreements with respect to the subject matter of this Agreement.
- 21. <u>Counterparts</u>. This Agreement may be executed in any number of counterparts, each of which when so executed will be deemed to be an original, but such counterparts together will constitute one and the same instrument. A copy of this Agreement will be as effective as an original.
- 22. <u>Severability</u>. If any term or condition of this Agreement Is found unenforceable, the remaining terms and conditions will remain binding upon the Parties as though the unenforceable provision was not contained in this Agreement However, If the invalid, Illegal or unenforceable provision materially affects this Agreement, the Agreement may be terminated by either Party pursuant to Section 10 of this Agreement.
- 23. <u>Costs; Reimbursement</u>. Each Party will be responsible for its own mutual aid assistance costs and other costs arising from this Agreement, and for seeking any reimbursement from the State of California, Federal Emergency Management Agency or any

other source of funding. County shall not be responsible for making claims for funding or reimbursement on behalf of City.

24. <u>Disputes</u>. In the event of a dispute between the Parties as to the language of this Agreement or its construction or meaning of any term, this Agreement shall be deemed to have been drafted by the Parties in equal parts so that no presumptions or inferences concerning its terms or interpretation may be construed against any Party to this Agreement.

**COUNTY OF CONTRA COSTA** 

CITY OF ANTIOCH

_	-111-1	Me		ell
By:	77		-	

Chlef Assistant County Administrator

City Manager

City Clerk

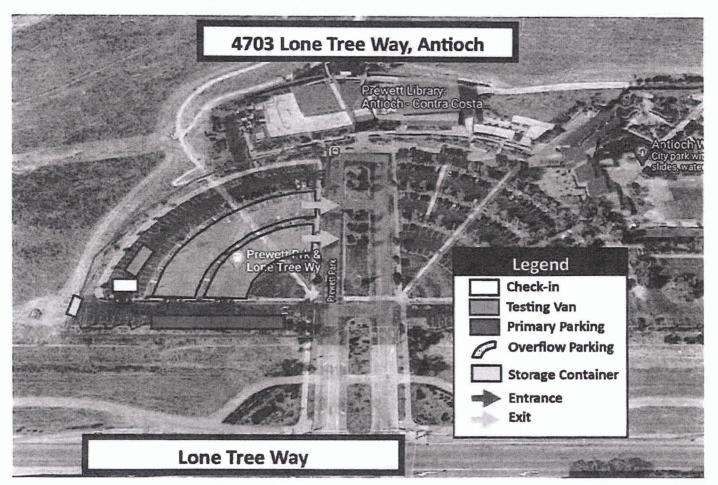
Approved as to Form:

Approved as to Form:

Deputy County Counsel

Thomas Lloyd Smith City Attorney

H:\Emergency\MOA.AntiochCommCenter.2.5.21.docx



General footprint for parking lot use

ANTIOCH CALIFORNIA OPPORTUNITY LIVES HERE

28-944

# MEMORANDUM OF AGREEMENT BETWEEN CONTRA COSTA COUNTY AND CITY OF ANTIOCH FOR MUTUAL AID ASSISTANCE IN RESPONSE TO THE COVID-19 PANDEMIC

This Memorandum of Agreement ("Agreement") is made and entered into on January 5, 2021 (the "Effective Date"), by and between the City of Antioch, a municipal corporation ("City") and the County of Contra Costa, a political subdivision of the State of California ("County") (each a "Party" and collectively, the "Parties"),

### **RECITALS**

**WHEREAS**, a novel coronavirus that causes a respiratory illness referred to as coronavirus disease 2019 ("COVID-19") has resulted in a pandemic; and

**WHEREAS**, on March 4, 2020, Governor Gavin Newsom proclaimed a State of Emergency to exist in California as a result of COVID-19; and

**WHEREAS**, on March 10, 2020, the County Board of Supervisors declared the existence of a local emergency throughout Contra Costa County caused by the Introduction of COVID-19; and

WHEREAS, on March 24, 2020, the City Council for the City of Antioch adopted Resolution No. 2020-38 proclaiming a local emergency to exist in the City of Antioch due to the COVID-19 Pandemic; and

WHEREAS, on March 22, 2020, President Donald J. Trump approved a Major Disaster Declaration for the State of California in connection to COVID-19 and ordered federal funding available to state, tribal and local governments for emergency protective measures, including direct federal assistance to bolster California's COVID-19 emergency response efforts; and

WHEREAS, Contra Costa County has identified the Nick Rodriguez Community Center at 213 F Street in Antioch, California (the "Premises"), as a suitable location for COVID-19 testing and requested the City to make the Premises available for this purpose as either a county, or state facilitated testing site;

**NOW, THEREFORE**, in consideration of the foregoing recitals and for other good and valuable consideration, the Parties agree as follows:

- 1. <u>Term.</u> The term of this Agreement shall commence on January 5, 2021, and continue through July 31, 2021 (the "Term"), unless terminated early in accordance with Section 10 or extended by mutual agreement of the Parties with the City Manager delegated the authority to extend the Agreement. On the last day of the Term or sooner if the Agreement is terminated, County will surrender to City the Premises in good order, condition and repair, excepting reasonable use and wear.
- 2. <u>Use of Premises.</u> City shall make available the Premises, particularly described in Exhibit A attached hereto (the "Testing Site"), for the exclusive use by County to provide COVID-19 testing, COVID-19 vaccinations or services related thereto at the Testing Site, including but not limited to supplies, staff, security and sanitation services, through the Term of this Agreement.

Premises shall be used for COVID-19 testing and COVID-19 vaccinations from Monday through Friday, 7:00 a.m. to 7:00 p.m. with the option to open on the weekend after a written request by a County representative and approval from the City of Antioch. No other use of Premises is allowed.

- 3. <u>Hazardous Materials</u>. No storage of flammable liquids or products shall be allowed unless approved by City. At the end of each day of use, County shall ensure that all biohazardous materials are removed from the Premises.
- 4. <u>Janitorial Services.</u> County shall be responsible for providing all janitorial, disinfecting and sanitation services at the Premises, including but not limited to portable sanitation stations outside

- of the Premises. Janitorial, disinfecting and sanitation services shall be provided every day after use.
- 5. Parking. There are no dedicated parking spaces for the Premises. County acknowledges that the Nick Rodriguez Community Center parking lot is a public parking space, which will continue during the term of this Agreement.
- 6. Security: Damage; Loss, County shall be responsible for providing appropriate security services during testing and after-hours. County will be provided keys and alarm codes to enter and exit the Premises. County shall ensure that the Premises are secured after use by locking and setting the alarm. City shall not be responsible for any damage to or loss of County's personal property and County shall carry appropriate property insurance for such loss. County shall be responsible for all damage or loss to Premises or City's personal property in Premises, normal wear and tear excepted.
- 7. Improvements: Signs. County may not make any improvements or alterations to Premises or construct or install any sign without the prior written consent of the City. At this time, City is not approving any antenna to be affixed to the Premises but will consider a non-permanent approach. If County desires to provide a more detailed proposal, City retains complete discretion whether to approve or not. County shall have the right to place portable signs directing the public to the Premises.
- 8. <u>Nondiscrimination.</u> County shall comply with all laws, including but not limited to, federal and state nondiscrimination laws related to employment and provision of services.
- 9. <u>Compliance with Public Health Orders.</u> County shall comply with all State and County public health orders, including all applicable social distancing and face covering requirements related to the COVID-19 pandemic.
- 10. <u>No Dedication</u>. Nothing in this Agreement shall be deemed a gift or dedication of any portion of the Premises to or for the general public. Use of Premises shall not entitle anyone to any relocation benefits pursuant to federal, state or local law and County and Contractors waive any such claim against City.
- 11. <a href="Payment">Payment</a>. Given the public purpose of COVID-19 Testing and vaccinations, City has agreed to the use of the Testing Site by Contra Costa Health Services and Its Contractors at no cost through the Term of this agreement. City calculates the deferred value of the use of the Testing Site to be \$22,000 per month, consistent with the Premises rental fees as provided for in the City's current Master Fee Schedule.
- 12. Insurance. County shall maintain during the term of this AGREEMENT insurance against claims or injuries to persons or damages to property arising from or in connection with County's operation and use of the premises. The cost of such insurance shall be borne by the County. County shall maintain insurance at least as broad as follows:
  - a. Commercial General Liability Insurance Services Office Form CG 00 01 covering commercial general liability on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than \$2,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this location or the general aggregate limit shall be twice the occurrence limit.
  - b. The General Liability policy is to contain, or be endorsed to contain, the following provisions:

The City of Antioch, its officers, officials, agents, employees and volunteers are to be covered as additional insureds by endorsement with respect to liability arising out of work or operations performed by or on behalf of County including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement of the County's insurance at least as broad as ISO Form CG 20 10. ISO Form CG 20 11 01 96 is appropriate. The coverage shall contain no special limitations on the scope of protection afforded to the City of Antioch, its officers, officials, agents, employees or volunteers.

The County's insurance coverage shall be primary insurance with regard to the City of Antioch, its officers, officials, agents, employees and volunteers. Any insurance maintained by the City of Antioch, its officers, officials, agents, employees and volunteers shall be in excess of County's insurance and shall not contribute to it.

- 13. <u>Indemnification.</u> The County shall defend, indemnify, and hold the City, its officials, officers, employees, agents, and volunteers, harmless from and against any and all liability, loss, expense (including reasonable attorney's fees), or claims for injury or damage arising out of the performance of this Agreement, but only in proportion to and to the extent such liability, loss, expense (including reasonable attorneys' fees), or claims for injury or damage are caused by or result from the negligent or intentional acts or omissions of the County, its officials, officers, employees, agents, or volunteers.
- 14. <u>Injuries.</u> To the extent that County or City personnel provide services under this Agreement, such services will be considered to be disaster service activities under Government Code section 3100, and subject to applicable workers' compensation requirements.
- 15. <u>Disclaimer of Condition of Premises</u>. City makes no warranty or representation of any kind or nature regarding the Premises or the fitness of the Premises for the use intended by County. County and its employees and contractors waive any claims against the City regarding the Premises.
- 16. <u>Compliance with Laws.</u> The parties will comply with all applicable local, state, and federal laws and regulations with respect to the terms and conditions of this Agreement.
- 17. <u>Amendments.</u> This Agreement may be amended by mutual consent of the Parties. Any amendment will be in writing, signed by both Parties.
- 18. <u>Waivers.</u> The waiver by either Party of any breach or violation of any term, covenant, or condition of this Agreement or of any applicable law will not be deemed to be a waiver of such term, covenant, condition or law or of any subsequent breach or violation of same or of any other term, covenant, condition or law.
- **19.** <u>Termination.</u> Each Party may terminate this Agreement upon 30 days written notice to the other Party.
- 20. <u>Notices.</u> Any notices relating to this agreement will be given in writing and will be deemed sufficiently given and served for all purposes when delivered personally, by email, by facsimile or by generally recognized overnight courier service, or five (5) days after deposit in the United States mall, certified or registered, return receipt requested, with postage prepaid, addressed as follows:

  For City:

City of Antioch PO Box 5007 Antioch, CA 94531 Phone No.: (925)779-6863 Attn: Ron Bernal, City Manager

Attn: Ron Bernal, City Manager Email: rbernal@antiochca.gov

### For County:

Contra Costa Health Services 1220 Morello Avenue, Suite 200 Martinez, CA 94553 Phone No.: (925) 608-5459

Attn: Anna Roth, Health Director Email: Doc.Logistlcs@cchealth.org

Either party may change its address for purposes of this section by giving the other Party written notice of the new address in the manner set forth above.

- 21. <u>Entire Agreement.</u> This Agreement constitutes the entire agreement of the Parties and will supersede all prior offers, negotiations, and agreements with respect to the subject matter of this Agreement.
- 22. <u>Counterparts.</u> This Agreement may be executed in any number of counterparts, each of which when so executed will be deemed to be an original, but such counterparts together will constitute one and the same instrument. A copy of this Agreement will be as effective as an original.
- 23. <u>Severability.</u> If any term or condition of this Agreement Is found unenforceable, the remaining terms and conditions will remain binding upon the Parties as though the unenforceable provision was not contained in this Agreement However, If the invalid, Illegal or unenforceable provision materially affects this Agreement, the Agreement may be terminated by either Party pursuant to Section 10 of this Agreement.
- 24. Costs; Reimbursement Each Party will be responsible for its own mutual aid assistance costs and other costs arising from this Agreement, and for seeking any reimbursement from the State of California, Federal Emergency Management Agency or any other source of funding. County shall not be responsible for making claims for funding or reimbursement on behalf of the City.
- 25. <u>Disputes.</u> In the event of a dispute between the parties as to the language of this Agreement or Its construction or meaning of any term, this Agreement shall be deemed to have been drafted by the parties in equal parts so that no presumptions or inferences concerning Its terms or interpretation may be construed against any part to this Agreement.

By:  COUNTY OF CONTRA COSTA  DocuSigned by:  Luna Kotlu  433A2E458AD7436	CITY OF ANTIOCH  Docusigned by:  Row Burnal  DA488C18CA7649A
Anna Roth, Director Contra Costa Health Services	Ron Bernal, City Manager
Docusigned by:  End Mendoza  463480A309C94E4  Enid Mendoza	ATTEST: DocuSigned by: By:  1A15FEBD210A41A
Senior Deputy County Administrator	Elizabeth Householder, City Clerk

APPROVED AS TO FORM:

DocuSigned by:

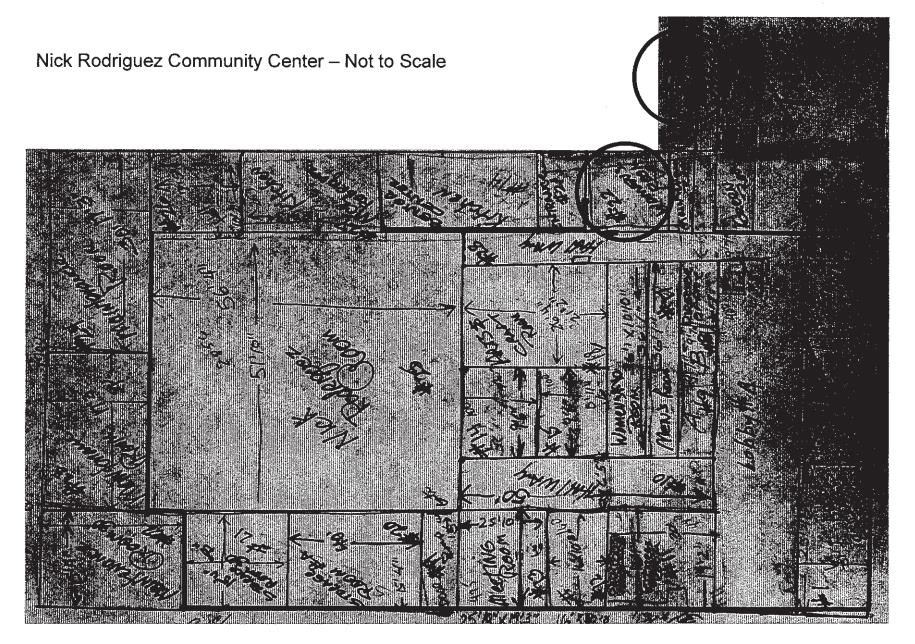
y: Abigail L. Dye (Deputy County Counsel)

Abigail L. Dye (Deputy County Counsel)
\_\_\_\_\_\_\_\_, County Counsel

DocuSigned by

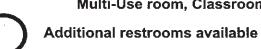
thomas Lloyd Smith

Thomas Lloyd Smith, City Attorney



General Outline of Community Center space

Multi-Use room, Classrooms, NRCC Kitchen







# STAFF REPORT TO THE CITY COUNCIL AND HOUSING SUCCESSOR

**DATE:** Regular Meeting of June 28, 2022

TO: Honorable Mayor and Members of the City Council

**SUBMITTED BY:** Teri House, CDBG/Housing Consultant

APPROVED BY: Forrest Ebbs, Community Development Director 4

SUBJECT: Public Hearing to Review FY 2022-23 Action Plan for Expending

Federal CDBG, Local Housing Successor, and Permanent Local

Housing Allocation (PLHA) funding

## **RECOMMENDED ACTIONS**

 It is recommended that the City Council approve the funding recommendations of the CDBG Committee and adopt the resolution approving the City of Antioch FY 2022-23 Action Plan for expending federal CDBG funds.

- 2) It is recommended that the City Council approve the funding recommendations of the CDBG Committee and adopt the Resolution approving Permanent Local Housing Allocation (PLHA) funding for homeless services outlined in the FY 2022-23 Annual Action Plan.
- 3) It is recommended that the City of Antioch as the Housing Successor to the Antioch Development Agency approve the funding recommendations of the CDBG Committee and adopt the Resolution approving Housing Successor funding for homeless services outlined in the FY 2022-23 Annual Action Plan.

## FISCAL IMPACT

Action #1: The recommended action has no impact to the General Fund but commits a total of \$1,419,250 in CDBG funding (\$866,250 Entitlement Grant and \$553,000 Housing Revolving Loan Fund) for FY 2022-23 to address identified high priority needs of the City in general public services, homeless services, housing and prevention, senior and youth services, economic development, infrastructure, housing, and CDBG administration.

Action #2: The recommended action has no impact to the General Fund but commits a total of \$171,500 in California State PLHA funds for FY 2022-23 to address identified high priority housing and homeless needs of the City.

Action #3: The recommended action has no impact to the General Fund but commits a total of \$1,320,000 in Housing Successor Low Income Housing funds for FY 2022-23 to address identified high priority housing and homeless needs of the City.

# **BACKGROUND**

The City of Antioch belongs to the Contra Costa County HOME Consortium, comprised of the cities of Antioch, Concord, Walnut Creek, Pittsburg, and the County on behalf of the all other cities and areas. Each jurisdiction within the Consortium receives a separate allocation of CDBG funds from the federal government for housing and community development activities, and HOME funds for affordable housing development. The Consortium members pool their allocations of HOME funds with the County for administration to create a larger pool to help leverage the greatest amount of funds possible to create affordable housing in the County.

To receive federal funds, the Consortium must submit a strategic plan of three or five years, known as the Consolidated Plan. The Consolidated Plan outlines the existing and future housing and community development needs and sets forth the strategies the Consortium will undertake and prioritize for using federal funds to address those needs. The City of Antioch and all Consortium jurisdictions approved the five-year 2020-2025 Contra Costa Consortium Consolidated Plan in May 2020.

The five-year Consolidated Plan is divided into a two-year funding cycle, followed by a three-year funding cycle. FY 20-21 and 21-22 comprise the two-year cycle, and FY 22-23, 23-24, and 24-25 comprise the three-year cycle. This year's Action Plan is the first year of the three-year funding. Extensive outreach was conducted to reach potential applicants for the funding. This included:

- Public Notice Full-color display ad in the East Bay Times published September
   6, 2021 noticing the Grant Cycle Kickoff for 2022-23 to be held October 7, 2021,
   on behalf of the Contra Costa Consortium
- Email to over 600 people/agencies on the Consortium Interested Parties list inviting them to participate in the Grant Cycle Kickoff
- Posting on City website for one month prior to the Kickoff

The Kickoff was held remotely zoom on October 7, 2021 and was attended by 159 unduplicated people interested in submitting applications to the urban county and cities of Antioch, Concord, Pittsburg, and Walnut Creek. Agencies submitted applications for 37 projects to the City of Antioch. Thirty-four (34) applications were funded, one (1) project was withdrawn, and two (2) were not funded.

# **Public Comment**

In accordance with HUD regulations, a public notice was advertised in the East Bay Times allowing 30 days for public comment on the Action Plan on May 20, 2022. Public comment received by this writing is included in Attachment C.

# Funding Available and Recommended for Allocation

Council Members Tamisha Walker-Torres (District 1) and Mike Barbanica (District 2) comprised the 2022-23 CDBG Committee, which met on April 22, 29, and May 6, 2022. During this time, they conducted 15-minute interviews with all applicants, reviewed the

funding availability and made their recommendations for the City Council's consideration. The Committee is recommending a total of \$2,910,750 in funding for the coming fiscal year, from the following sources:

	22-23 CDBG- EN*	CDBG- RLF**	Housing Successor	PLHA	Total All Funds
Funds Available	\$866,250	\$553,000	\$1,320,000	\$171,500	\$2,910,750
Funds Recommended	\$866,250	\$553,000	\$1,320,000	\$171,500	\$2,910,750
Balance	\$0	\$0	\$0	\$0	\$0

<sup>\*</sup>EN = Entitlement

The City of Antioch's federal CDBG allocation for 2022-23 is \$866,250, an increase of \$12,345 from the FY 2021-22 allocation of \$853,905. The City's CDBG Housing Revolving Loan Fund will have \$553,000 available for funding. Housing Successor funds are recommended for a total of \$1,320,000, which include the maximum of \$250,000 for Homeless Services, as well as \$510,000 for Housing Rehabilitation and \$60,000 for administration of the Antioch Home Ownership Program.

CDBG Public Services are capped by HUD regulations at 15% of the grant amount plus 15% of the prior year (FY 2021-22) program income. Public Service activities are being recommended at \$130,000 and fall within these parameters.

Administration of the CDBG program is capped at 20% of the grant amount which is \$173,250 plus 20% of the present year (FY 2022-23) program income (estimated to be \$0.) Fair Housing Counseling and activities, a HUD requirement, continue to be funded from Administration funds, as is permitted by HUD regulations, in the amount of \$25,000, which leaves \$148,250 for Administration of the CDBG program.

The CDBG Committee recommendations fully commit all resources available and this staff report forwards their recommendations for funding (see Attachment "A").

# **Priority Goals and Annual 2022-23 Strategies**

The adopted Priority Needs and Goals for the 2020-25 Consolidated Plan, and the proposed Strategies for 2022-23 are detailed below. Note that ALL persons served must be Antioch residents:

Homeless Goals (H-1 and H-2) and Strategies: For 2022-23, Antioch's homeless strategies focus relatively equally on assisting unhoused persons with outreach, safe parking and emergency shelter, as well as precariously housed residents in their existing housing and out of the homeless system of care, which is struggling to assist the increasing numbers of families. The Safe Parking Program is a new addition this year, funded with State PLHA funds as approved in the application submitted two years ago.

<sup>\*\*</sup>RLF = Housing Revolving Loan Fund

- **H-1 Goal: Permanent Housing for Homeless.** Further "Housing First" approach to ending homelessness by supporting homeless outreach efforts, emergency shelter, transitional housing, and permanent housing with supportive services to help homeless persons achieve housing stability.
  - H-1.1 Strategy CORE Outreach Services, Contra Costa County Health, Housing and Homeless Services (\$30,000 HS). Program serves as an entry point into the coordinated entry system for unsheltered persons and works to identify, engage, stabilize and house chronically homeless individuals and families. The outreach teams will contact homeless individuals in Antioch to provide basic needs, supplies, counseling, benefits assistance, linkages to healthcare, shelter placement, and referrals and transportation to C.A.R.E. Centers. 300 unsheltered Antioch persons to be served.
  - H-1.2 Strategy Emergency Shelter for Battered Women and their Children, STAND! For Families Free of Violence (\$10,000 HS). Program provides emergency shelter for up to 24 women and their children fleeing domestic violence, as well as comprehensive supportive services, including food, clothing, social and legal advocacy, vocational assistance, childcare, housing referrals, and counseling. 10 battered spouses and their children to be served.
  - H-1.3 Strategy Winter Nights Emergency Family Rotating Shelter (\$15,000 HS). Program provides emergency family shelter for up to 30 people in families with children. Services include shelter, food, transportation, case management, housing placement assistance and more. Shelter operates October June and moves every two weeks to different faith-based locations. 15 unsheltered Antioch residents to be served.
  - H-1.4 Strategy Winter Nights Safe Parking Program Antioch (\$171,500 PLHA). Program provides overnight parking for unhoused individuals and families living in their vehicles, with services for up to 25 cars/vehicles per night, 7 nights per week. Services include registration and screening of individuals, safe parking with overnight access to bathroom facilities, food, and case management, as well as showers several times a week. Parking program will operate year round. 50 homeless Antioch residents to be served.
- **H-2 Goal: Prevention of Homelessness.** Expand existing prevention services including emergency rental assistance, case management, housing search assistance, legal assistance, landlord mediation, money management and credit counseling.
  - H-2.1 Strategy Bay Area Legal Aid, Housing and Homeless Prevention (\$25,000 HS). To prevent homelessness and preserve affordable housing, BayLegal attorneys provide legal services to clients in Contra Costa County facing

illegal evictions, discrimination, foreclosures, substandard habitability issues, and other housing rights violations. 150 at-risk persons to be served.

- H-2.2 Strategy –Crisis/2-1-1 Homeless Services, Contra Costa Crisis Center (\$10,000 HS). Program provides 24/7 mental health crisis intervention services and a 2-1-1 information and referral service using full-time professional staff & highly trained volunteers and serves as the primary contact and gateway into the homeless coordinated entry system. Antioch funding for homeless-related calls only. 1,000 homeless/at risk individuals to be served.
- **H-2.3 Strategy Nourishing Lives, Feeding Homeless and At-Risk, Loaves and Fishes \$10,000 HS).** Program provides hot, nutritious meals Monday through Friday in Antioch dining room, located at 403 West 6<sup>th</sup> Street, in the surrounding lower income areas census tracts of 3050.00, 3060.03, 3071.02, and 3072.02. Partnering with other agencies, clients are also offered safety net services such as medical, shelter, and registration for Cal Fresh. 350 persons to be served.
- H-2.4 Strategy SHELTER Inc., Homeless Prevention/Rapid Rehousing (\$100,000 HS) Program prevented homelessness for households at-risk of homelessness and rapidly re-housed households who were homeless by providing short-term financial assistance for move-in costs or past due rent. 320 households to be served.
- **H-2.5 Strategy ECHO Eviction Prevention and Tenant/Landlord Counseling (\$50,000 HS)**. Program provides Tenant/Landlord Counseling and Dispute Resolution Services including counseling, mediation, renters' rights and responsibilities services, and eviction defense to low-income persons, racial and ethnic minorities, single and female heads of households, the disabled, and seniors. continuing legal assistance and defense for evictions and foreclosure prevention. 175 persons to be served.

Total of nine (9) programs to address homelessness recommended at \$421,500.

# Non-Housing Community Development Goals (CD-1 – CD-8) and Strategies

Public Services (CD-1 – CD-5)

- **CD-1 Goal: General Public Services.** Ensure that opportunities and services are provided to improve the quality of life and independence for lower income persons and ensure access to programs that promote prevention and early intervention related to a variety of social concerns.
  - CD-1.1 Strategy Antioch Cancer Support Community (\$10,000 CDBG-EN). Program provides services at Antioch facility to lower income households with cancer and their family members and other caregivers, as well as survivors,

providing psychosocial support, integrative therapies and community navigation. 14 persons to be served.

- **CD-1.2 Strategy Technology Center Training, Opportunity Junction** (\$10,000 CDBG-EN). Program provides low-income workers, job-seekers, and seniors with accessible training in computer applications, English as a Second Language, typing, and Spanish in the evening. The Technology Center operates Monday through Thursday from 5 pm to 9 pm and also offers free access to computers and the Internet. Program is especially geared to persons with limited English proficiency. 150 persons to be served.
- CD-1.3 Strategy RotaCare Free Medical Clinic, St. Vincent de Paul of Contra Costa County (\$10,000 CDBG). Program provides a 4-exam room clinic that was built and developed by St. Vincent de Paul, and the clinic provides free urgent and chronic medical care to the uninsured. The clinic is staffed by a full-time clinic operations manager and a part-time Nurse Care Coordinator for patient follow up for patients experiencing chronic diseases. Care is provided by the volunteer Medical Director and additional volunteer medical professionals including physicians, nurses, social workers, health educators. All services are provided free of charge including physician/nurse treatment, pharmaceuticals, lab services, x-rays, MRIs, Ultrasounds, and diagnostics. Patients are referred for free surgical and specialty care. Bilingual support for all services is provided. 240 persons to be served.

Total of three (3) programs for General Public Services recommended at \$30,000.

- **CD-2 Goal: Non-Homeless Special Needs.** Ensure that opportunities and services are provided to improve the quality of life and independence for persons with special needs, such as elderly and frail elderly, victims of domestic violence, persons with HIV/AIDS, persons with mental, physical and developmental disabilities, abused children, illiterate adults and migrant farm workers.
  - CD-2.1 Strategy/Seniors & Disabled Bedford Center Adult Day Health Care, Choice in Aging (\$10,000 CDBG-EN). Program provides adult day health care to frail elderly, adults with severe mental or physical disabilities, and persons with dementia, allowing respite for family caregivers while client receives individualized nursing care, mental health care, and therapies (physical, occupational, music, and horticultural therapy). 30 disabled persons to be served
  - CD-2.2 Strategy/Victims of Domestic Violence (DV) Navigation for Victims of DV, Abuse Trafficking, CC Family Justice Alliance (\$10,000 CDBG-EN).). Program provides navigation services to victims of domestic violence, sexual assault, child abuse, elder abuse, and human trafficking. Services are provided at the Family Justice Center, which brings public and private providers together under one roof to provide wrap-around services. 300 persons to be served.

- **CD-2.3 Strategy/Seniors Senior Legal Services, Contra Costa Senior Legal Services (\$10,000 CDBG-EN).** Program provides free legal counseling, advice, representation and litigation services to seniors in connection with their housing, income maintenance, consumer and individual rights, and other elder law issues. <u>55 persons to be served.</u>
- **CD-2.4 Seniors/Disabled Advocacy in Care Facilities, Empowered Aging** (\$10,000 CDBG-EN). Program provides dependent adults and elderly residing in long-term care facilities with access to safe and secure environments through the advocacy of trained and certified Ombudsmen who investigate abuse, ensure compliance of facilities, facilitate & execute advanced health care directives and provide training to nursing home staff. 125 disabled and frail elderly to be served.
- CD-2.5 Strategy/Seniors & Disabled Independent Living Skills, Lions Center for the Visually Impaired (\$10,000 CDBG-EN). Program provides inhome independent living skills instruction and training to visually impaired adults so they will maintain their independence and avoid institutionalization. 30 persons to be served.
- CD-2.6 Strategy/Seniors Care Management, Meals on Wheels Diablo Region (\$10,000 CDBG-EN). Program provides an array of services to help older adults and their families meet long-term care needs, including assistance in resolving critical issues affecting financial and physical health and wellness to help them live as independently as possible. \$20k in funding provides for emergency pool to be administered by MOWDR and shared by the Cares Program and Contra Costa Senior Legal Services for emergency assistance to vulnerable low-income seniors. 150 seniors to be served.
- CD-2.7 Seniors/Disabled Meals on Wheels Food Delivery, Meals on Wheels Diablo Region (\$10,000 CDBG-EN). Program delivers seven nutritious meals each week to frail, home bound seniors and disabled adults to help them live at home in safety, comfort, and with dignity for as long as they can. Seniors benefit from daily health and wellness checks from volunteer drivers and ongoing client monitoring through in-home visits by outreach workers. 300 seniors to be served.

Total of seven (7) programs for Special Needs populations (elderly, disabled, victims of domestic violence) recommended at \$70,000.

- **CD-3 Goal: Youth.** Increase opportunities for children/youth to be healthy, succeed in school, and prepare for productive adulthood.
  - CD-3.1 Strategy/Youth from Homeless Families Emergency Child Shelter Services, Bay Area Crisis Nursery (\$10,000 CDBG-EN). provides short-term residential/shelter services and emergency childcare for children ages birth through five years for 30 days within a 6-month period. New daytime crisis

childcare provided from 7 am - 7 pm daily with access for 30 days within a 6-month period. 15 youth to be served.

- CD-3.2 Strategy/Abused & Neglected Youth Child Sexual Assault Intervention through the Children's Interview Center, Community Violence Solutions (\$10,000 CDBG-EN).). Program provides child sexual assault and physical abuse victims aged 2-17 years and their non-offending family members services including forensic interview, advocacy, case management, and mental health services. 65 abused youth to be served.
- CD-3.3 Strategy/Abused & Neglected Youth Serving Foster Children, Court Appointed Special Advocates (\$10,000 CDBG-EN).). Program provides advocacy, mentoring and representation services to abused and neglected children who are wards of the County Juvenile Dependency Court to improve access to social services, health care, therapeutic services and a safe and permanent living situation. 40 foster youth to be served.

Total of three (3) Youth programs recommended for \$30,000.

- **CD-4 Goal: Fair Housing.** Continue to promote fair housing activities and affirmatively further fair housing to eliminate discrimination in housing choice in the City of Antioch.
  - **CD-4.1 Strategy Fair Housing Services, Echo Housing (\$25,000 CDBG-EN Admin).** Program investigates complaints of alleged housing discrimination and provides fair housing counseling services, including advice, mediation and litigation, and outreach and education to residents and landlords. <u>50 persons to be served.</u>
- **CD-5 Goal: Tenant/Landlord Counseling.** Support the investigation and resolution of disagreements between tenants and landlords and to educate both as to their rights and responsibilities, so as to help prevent people from becoming homeless and to ensure fair housing opportunity.

This strategy is being fulfilled with Housing Successor funds, project H-2.5.

#### Economic Development (CD-6)

- **CD-6 Goal:** Economic Development. Reduce the number of persons with incomes below the poverty level, expand economic opportunities for very low- and low-income residents, and increase the viability of neighborhood commercial areas.
  - CD-6.1 Strategy Road to Success for Childcare Businesses, COCOKids (\$14,000 CDBG-EN). Program benefits lower income residents by providing microenterprise assistance for those who want to maintain or start stable small

businesses as licensed home-based family childcare providers. <u>15 micro-enterprises</u> to be served.

- **CD-6.2 Strategy Small Business Support Program, Monument Impact** (\$15,000 CDBG-EN). 6 microenterprises to receive assistance. Program assists Latinx immigrants to formalize and license their small, family-owned businesses by providing highly individualized services that address the language, technology and financial barriers that immigrant entrepreneurs face.
- CD-6.3 Strategy Administrative Careers Training (ACT) Program, Opportunity Junction (\$60,000 CDBG-EN). Program trains and places low-income job seekers into administrative careers. ACT integrates computer training with life skills, case management, paid experience, mental health services, career skills, job placement, and long-term alumni follow-up. 2 persons to be trained & placed with hiring partners.
- **CD-6.4** Strategy Entrepreneurship Program, Renaissance Entrepreneurship Center (\$15,000 CDBG-EN). Program serves English and Spanish speaking low-income residents with intensive small business training, classes, individual consulting, network development, and access to capital services to develop the business skills and acumen, and access the resources and networks needed to create thriving microenterprise small businesses. <u>Train 15 persons and assist a minimum of 2 microenterprises.</u>

#### Infrastructure & Public Facilities (CD-7 & CD-8)

- **CD-7 Goal: Infrastructure and Accessibility:** Maintain adequate infrastructure in lower income areas and ensure access for the mobility-impaired by addressing physical access barriers to goods, services, and public facilities in such areas.
  - **CD-7.1 Strategy City Downtown Street and Accessibility Project (\$459,000 CDBG-EN).** Project providing funding to rehabilitate the roadway on West 8th Street between A and D Streets. Drainage facilities will be improved to allow storm water to travel as designed and reduce flooding that occurs in minor storm events. Existing deteriorating roadways and sidewalks in the defined area will be rehabilitated. 2,000 persons in area to benefit.

#### Administration (CD-9)

- **CD-9 Goal: Administration.** Support development of viable urban communities through extending and strengthening partnerships among all levels of government and the private sector and administer federal grant programs in a fiscally prudent manner.
  - CD-9.1 Strategy Administration of CDBG Program, City of Antioch (\$148,250 CDBG-EN). Program supports the development of viable urban communities through extending and strengthening partnerships among all levels

of government and the private sector and administering federal grant programs in accordance with HUD regulations, including: competitive and compliant procurement procedures, monitoring of performance and compliance; and effective financial controls and procedures to prevent fraud, waste or abuse.

In FY 2022-23, using Administration funding, the City of Antioch will be assisting funded nonprofits to upgrade their websites to make them ADA compliant and add translation capability in Spanish, Tagalog and Chinese, at minimum.

#### Affordable Housing Goals and Strategies (AH-1 – AH-5)

AH-1 Goal: Increase Affordable Rental Housing Supply. Expand housing opportunities for extremely low-income, very low-income, and low-income households by increasing the supply of decent, safe, and affordable rental housing.

No strategies recommended for 2022-23.

AH-2 Goal: Increase Affordable Supportive Housing. Expand housing opportunities for persons with special needs, including seniors, persons with disabilities, persons with HIV/AIDS, veterans, and the homeless, by increasing appropriate and supportive housing.

No strategies recommended for 2022-23.

- AH-3 Goal: Maintain and Preserve Affordable Housing. Maintain and preserve the existing affordable housing stock, including single family residences owned and occupied by lower-income households, multi-family units at risk of loss to the market, and housing in deteriorating or deteriorated lower income neighborhoods.
  - AH-3.1 Strategy Antioch Home Ownership Program (AHOP), Bay Area Affordable Homeownership Alliance (\$60,000 HS). Program helps lower income Antioch renters, employees of Antioch businesses, and others become Antioch homeowners by providing HUD approved homebuyer education (8 hrs) and counseling, reviewing applications, assistance to identify down payment subsidies including City down payment loans, and connection with lenders. 15 lower income households to purchase homes.
  - AH-3.2 Strategy AHOP Loans and Grants (\$553,000 CDBG-RLF and \$500,000 HS). A combination of CDBG and HS funding will be used to provide closing cost grants and down payment assistance to qualified lower income households wishing to purchase their home in Antioch. Funds will be augmented by other sources, such as WISH funds and other, as these sources become available. 15 lower income households to purchase homes (same households as above AH-3.1).

AH-3.3 Strategy – Homeowner Housing Rehabilitation, Habitat for Humanity East Bay (\$510,000 HS). Project helps lower income single-family homeowners to rehabilitate their homes and improve accessibility and livability, especially for elderly and disabled homeowners. 19 households (3 loans, 16 grants) to be served.

**AH-4 Goal: Reduce household energy costs.** Increase housing and energy security to make housing more affordable to lower income households by reducing the consumption of energy.

No strategies recommended for 2022-23.

AH-5 Goal: Expand community resilience to natural hazards. Increase resilience to natural hazards of housing stock occupied by lower income residents.

No strategies recommended for 2022-23.

#### **ATTACHMENTS**

- A. Resolution Adopting the 2022-23 Annual Action Plan Funding Recommendations
  - a. Exhibit A 2022-23 Action Plan Funding Recommendations
- B. Resolution Adopting the 2022-23 Permanent Local Housing Allocation Funding Recommendations for the 2022-23 Annual Action Plan
- C. Resolution Adopting the 2022-23 Housing Successor Funding Recommendations for the 2022-23 Annual Action Plan
- D. Public Comments on FY 2022-23 Action Plan

#### **RESOLUTION NO. 2022/\*\***

### RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH ADOPTING THE 2021-22 ACTION PLAN FOR THE CITY OF ANTIOCH

**WHEREAS,** the City of Antioch has been designated by the U.S. Department of Housing and Urban Development (HUD) as a community entitled to receive, by allocation, Community Development Block Grant Funds to help develop viable urban communities through the provision of decent housing, a suitable living environment, and economic opportunity for lower income residents;

**WHEREAS,** as a condition of funding, HUD requires that recipient jurisdictions prepare a five-year planning document or Consolidated Plan, to detail how funds will be expended to benefit eligible populations during the plan period;

WHEREAS, members of the Contra Costa CDBG/HOME Consortium, including the cities of Antioch, Concord, Pittsburg, Walnut Creek, and the County as representative of the urban cities, have prepared for adoption by each jurisdiction and submission to HUD, the Contra Costa CDBG/HOME Consortium 2020/25 Consolidated Plan (Consolidated Plan);

**WHEREAS**, as a condition of funding, HUD requires recipient jurisdictions to prepare a one-year Action Plan as a subsidiary document to the Consolidated Plan, to indicate how funds will be expended to benefit eligible populations in each year of the five-year Consolidated Plan period;

**WHEREAS**, the City of Antioch has been allocated by HUD the amount of \$866,250 in CDBG-EN (Entitlement) funds for Fiscal Year 2022-23;

**WHEREAS**, the City of Antioch has \$553,000 in CDBG-RLF Revolving Loan Funds for Housing available for allocation;

**WHEREAS**, the City of Antioch, consistent with HUD's program rules on eligibility, has chosen to allocate all CDBG funds to a number of programs, activities and projects in support of HUD's National Objective to primarily benefit low and moderate-income persons; and

**WHEREAS,** the City of Antioch has determined that the expenditure of these funds will have the cumulative effect of advancing the Consolidated Plan objectives in the short and long-term.

### NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF ANTIOCH DOES RESOLVE AS FOLLOWS:

 The City hereby determines that it is appropriate to submit the City of Antioch FY 2022-23 Action Plan to the U.S. Department of Housing and Urban Development (HUD), outlining the City's priorities for the expenditure of CDBG funds in support of HUD's national objectives and efforts to affirmatively further fair housing (attached hereto as Exhibit A and incorporated by reference);

• The City Manager, or designee, (1) shall be the City representative to submit the draft FY 2022-2023 Action Plan and all understandings and assurances contained therein, (2) is hereby directed and authorized to disburse funds and execute all attendant documents and agreements consistent with the City Council's designation and approval of the programs, activities and projects as designated in the City of Antioch FY 2022-23 Action Plan, and (3) shall act in connection with the submission and provide such additional information as may be required.

\* \* \* \* \* \* \*

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Antioch at a regular meeting thereof, held on the 28<sup>th</sup> day of June, 2022 by the following vote:

AYES: NOES: ABSENT:	
	ELIZABETH HOUSEHOLDER
	CITY CLERK OF THE CITY OF ANTIOCH

#### FY 2022-2023 Community Grant Recommendations of the City of Antioch CDBG Committee CDBG-Housing **Priority** CDBG-Total **Project Name** PLHA **Applicant** Successor Housing **Funding EN Grant** # RLF Fund 866.250 553.000 1.320.000 171.500 2,910,750 Total funding available: H-1 Permanent Housing for Homeless H-1.1 CC Health Services, H3 **CORE Homeless Outreach Team** 30,000 30,000 H-1.2 STAND! For Families Free of Violence Rollie Mullen Center Emergency Shelter 10.000 10.000 H-1.3 | Winter Nights Family Shelter, Inc. 15,000 15,000 Winter Nights Family Shelter, Inc. 171.500 171,500 H-1.4 Winter Nights Family Shelter, Inc. Safe Parking Program 55,000 171,500 4 Recommended Outreach/Shelter Subtotal: 226,500 0 0 H-2 Prevention of Homelessness H-2.1 | Bay Area Legal Aid (BayLegal) Housing & Homelessness Prevention 25,000 25,000 H-2.2 | Contra Costa Crisis Center Crisis / 211 Contra Costa 10.000 10,000 10,000 H-2.3 Loaves and Fishes of Contra Costa Nourishing Lives in Antioch 10.000 H-2.4 SHELTER, Inc. 100,000 100.000 Homeless Prevention Program 50,000 H-2.5 | ECHO Housing Tenant/Landlord & Eviction Counseling 50,000 5 Recommended Homeless Prevention 195.000 0 195.000 Subtotal: 0 0 9 Recommended Homeless Programs **TOTAL HOMELESS FUNDING:** 0 250,000 | 171,500 421,500 **CD-1 General Public Services** Cancer Support Community 10.000 CD-1.1 **CSC Antioch Center** 10.000 CD-1.2 Opportunity Junction **Technology Center** 10,000 10,000 St. Vincent de Paul of CCC RotaCare Free Medical Clinic 10.000 10.000 CD-1.3 3 Recommended General Public Services Subtotal: 30,000 30,000 0 0 0 **CD-2 NonHomeless Special Needs** CD-2.1 Choice in Aging **Bedford Center** 10,000 10,000 Contra Costa Family Justice Alliance Family Justice Navigation Program 10.000 10.000 CD-2.2 10,000 10,000 CD-2.3 Contra Costa Senior Legal Services Legal Services for Seniors CD-2.4 Ombudsman Services of Contra Costa **Empowered Aging** 10.000 10.000 CD-2.5 Lions Center for the Visually Impaired Independent Living Skills for Blind 10,000 10.000 CD-2.6 Meals on Wheels Diablo Region Care Management 10,000 10,000 Meals on Wheels Diablo Region Meals on Wheels (MOW) 10.000 CD-2.7 10.000 70,000 7 Recommended Special Needs activities Subtotal: 0 0 0 70,000



CD-3 Y	outh (						
CD-3.1	Bay Area Crisis Nursery	Bay Area Crisis Nursery	10,000				10,000
CD-3.2	Community Violence Solutions (CVS)	CIC Child Sexual Assault Intervention	10,000				10,000
CD-3.3	Court Appointed Special Advocates	Serving All Foster Children	10,000				10,000
3	Recommended Youth activities	Subtotal:	30,000	0	0	0	30,000
CD-4 F	air Housing						
CD-4.1	ECHO Housing	Fair Housing Services (Admin funds)	25,000				25,000
1	Recommended Fair Housing activity	Subtotal:	25,000	0	0	0	25,000
CD-5 T	Fenant/Landlord Services						
	ECHO Housing (see H-2.6 Homeless)	Tenant/Landlord Counseling					0
		Subtotal:	0	0	0	0	0
13	Total recommended CDBG Public Services	Total CDBG Public Services:	130,000				
	conomic Development						
CD-6.1	CoCoKids, Inc.	Road to Success Gap Funding	14,000				14,000
CD-6.2	Monument Impact	Small Business Support Program	15,000				15,000
CD-6.3	Opportunity Junction	Administrative Careers Training Program	60,000				60,000
CD-6.4	Renaissance Entrepreneurship Center	Entrepreneurship	15,000				15,000
4	Recommended Economic Dev. activities	Subtotal:	104,000	0	0	0	104,000
CD-7 I	nfrastructure and Accessibility						
CD-7.1	City of Antioch	Downtown Roadway Rehab/Ramps	459,000				459,000
1	Recommended Infrastructure activity	Subtotal:	459,000	0	0	0	459,000
CD-8 A	Administration						
CD-8.1	City of Antioch	Administration	148,250				148,250
1	Recommended activity	Subtotal:	148,250	0	0	0	148,250
	Maintain and Preserve Affordable H						
AH-3.1	Bay Area Affordable Homeownership Alliance	Antioch Home Ownership Program			60,000		60,000
AH-3.2	City of Antioch	AHOP Loans and Grants		553,000	500,000		1,053,000
AH-3.3	Habitat for Humanity EB/SV	Habitat Homeowner Rehab Program			510,000		510,000
3	Recommended Housing activities	Subtotal:	0	553,000	1,070,000	0	1,623,000
34	Total recommended activities	TOTAL FUNDING:	866,250	553,000	1,320,000	171,500	2,910,750

#### **RESOLUTION NO. 2022/\*\***

## RESOLUTION OF CITY OF ANTIOCH OF THE CITY OF ANTIOCH APPROVING FUNDING FOR PERMANENT LOCAL HOUSING ALLOCATION PROGRAMS FOR FISCAL YEAR 2022-2023

WHEREAS, the State Department of Housing and Community Development provides annual funding under SB 2, Permanent Local Housing Allocation (PLHA) Program Formula Component from the Building Homes and Jobs Trust Fund for assistance to Cities and Counties (as described in Health and Safety Code section 50470 et seq. (Chapter 364, Statutes of 2017 (SB 2));

**WHEREAS**, the HCD has approved the funding allocations for PLHA program for the City of Antioch subject to the terms and conditions of the Guidelines, NOFA, Program requirements, the Standard Agreement and other contracts between the Department and City;

**WHEREAS**, the City has agreed to use the PLHA funds for eligible activities as approved by the Department and in accordance with all Program requirements, Guidelines, other rules and laws, as well as in a manner consistent and in compliance with the Standard Agreement and other contracts between the Applicant and the Department;

**WHEREAS,** FY 2022-23 is the first year of the FY 2022-25 three-year funding cycle, and extensive outreach was made to agencies to submit applications to provide a wide array of services and programs to benefit lower income persons in Antioch in compliance with federal and state procurement regulations;

**WHEREAS**, the Council CDBG Committee carefully considered all programs and made recommendations for funding which constitute the draft 2022-23 Action Plan,

**WHEREAS,** the Committee recommends funding in the amount of \$171,500 from the PLHA Fund be used for Homeless services;

WHEREAS, the City Council met on June 28, 2022, to consider the Committee's recommendations and solicit public input on the proposed FY 2022-23 Annual Action Plan; and

**WHEREAS**, the Director of Finance has confirmed that there are sufficient, unencumbered funds to take this action.

**NOW, THEREFORE, IT BE RESOLVED** that the City of does hereby designate \$171,500 in PLHA funds for Homeless housing and prevention as specified below:

H-1.4 Strategy – Winter Nights Safe Parking Program Antioch (\$171,500 PLHA). Program provides overnight parking for unhoused individuals and families living in their vehicles, with services for up to 25 cars/vehicles per night, 7 nights

per week. Services include registration and screening of individuals, safe parking with overnight access to bathroom facilities, food, and case management, as well as showers several times a week. Parking program will operate year around. 50 homeless Antioch residents to be served.

\* \* \* \* \* \* \*

I HEREBY CERTIFY that the foregoing City Council of the City of Antioch as the Hous Agency at a regular meeting thereof, held on vote:	•
AYES:	
NOES:	
ABSENT:	
_	FLIZARETH HOUSEHOLDER

CITY CLERK OF THE CITY OF ANTIOCH

#### **RESOLUTION NO. 2022/\*\***

## RESOLUTION OF CITY OF ANTIOCH AS THE HOUSING SUCCESSOR TO THE ANTIOCH DEVELOPMENT AGENCY APPROVING FUNDING FOR HOUSING AND HOMELESS PROGRAMS FOR FISCAL YEAR 2022-2023

**WHEREAS**, SB 341 (Chapter 796, Statutes of 2013) modifies expenditure and accounting rules for Housing Successor agencies that have taken over housing functions for former redevelopment agencies, and permits the expenditure of up to \$250,000 per fiscal year on homelessness prevention and rapid rehousing services if the housing successor has fulfilled all replacement, affordable housing production, and monitoring, database compilation and web site publication requirements;

**WHEREAS**, the City of Antioch has fulfilled the aforementioned requirements and wishes to help prevent and address the issues of homelessness in the City;

**WHEREAS,** FY 2022-23 is the first year of the FY 2022-25 three-year funding cycle, and extensive outreach was made to agencies to submit applications to provide a wide array of services and programs to benefit lower income persons in Antioch;

**WHEREAS**, the Council CDBG Committee carefully considered all programs and made recommendations for funding which constitute the draft 2022-23 Action Plan,

**WHEREAS,** the Committee recommends funding in the amount of \$1,320,000 from the Housing Asset Fund be used for Homeless services not to exceed \$250,000, and Housing activities, as allocated below;

**WHEREAS,** the City of Antioch as the Housing Successor met on June 28, 2022, to consider the Committee's recommendations and solicit public input on the proposed FY 2022-23 Annual Action Plan; and

**WHEREAS**, the Director of Finance has confirmed that there are sufficient, unencumbered funds to take this action.

**NOW, THEREFORE, IT BE RESOLVED** that the City of Antioch as the Housing Successor to the Antioch Development Agency does hereby designate \$1,320,000 in Housing Successor (HS) funds for Homeless housing and prevention programs as specified below:

Priority	Priority Applicant Project Name		HS Fund
		Total funding available:	1,320,000
H-1 Pe	rmanent Housing for Homeless		
H-1.1	CC Health Services, H3	CORE Homeless Outreach Team	30,000
H-1.2	STAND! For Families Free of Violence	Rollie Mullen Center Emergency Shelter	10,000
H-1.3	Winter Nights Family Shelter, Inc.	Winter Nights Family Shelter, Inc.	15,000
H-1.4	Winter Nights Family Shelter, Inc.	Safe Parking Program	
4	Outreach/Shelter	Subtotal:	55,000

H-2 Pr	evention of Homelessness		
H-2.1	Bay Area Legal Aid (BayLegal)	Housing & Homelessness Prevention	25,000
H-2.2	Contra Costa Crisis Center	Crisis / 211 Contra Costa	10,000
H-2.3	Loaves and Fishes of Contra Costa	Nourishing Lives in Antioch	10,000
H-2.4	SHELTER, Inc.	Homeless Prevention Program	100,000
H-2.5	ECHO Housing	Tenant/Landlord & Eviction Counseling	50,000
5	Homeless Prevention	Subtotal:	195,000
11	Total Homeless Programs	Subtotal Homelessness funding:	250,000
AH 3 Maintain and Preserve Affordable Housing			
AH-3.1	Bay Area Affordable Homeownership Alliance	Antioch Home Ownership Program	60,000
AH-3.2	City of Antioch	AHOP Loans and Grants	500,000
AH-3.3	Habitat for Humanity EB/SV	Habitat Homeowner Rehab Program	510,000
3	Housing activities for Low/Mod Households	Subtotal Housing Activities:	1,070,000
TOTAL HOUSING SUCCESSOR FUNDING			\$1,320,000

\* \* \* \* \* \*

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Antioch as the Housing Successor to the Antioch Development Agency at a regular meeting thereof, held on the 28th day of June 2022, by the following vote:

AYES:	
NOES:	
ABSENT:	
	ELIZABETH HOUSEHOLDER
	CITY CI FRK OF THE CITY OF ANTIOCH

#### ATTACHMENT D

#### **Attachment D**

#### Public Comments on the FY 2022-23 Action Plan Received by 6/23/22

CocoKids wishes to thank the City of Antioch for supporting small business owners as they, the childcare providers, support working families and their children. This program will be giving extra guidance to the childcare professionals at the very time when there is a local and national childcare crisis. Childcare providers support their own families, as well as families in their immediate communities. Thank you for addressing the needs of small business owners and working families with small children.

Margaret Wiegert Jacobs, MA
Director of Learning Institute and
Resource and Referral Department
CoCoKids

We value and appreciate the partnership with the City of Antioch and its award of the CDBG grant. With this support, we are able to keep open the doors of our East Family Justice Center where we provide comprehensive services for victims of interpersonal violence -- domestic violence, sexual assault, child abuse, elder abuse, and human trafficking.

Susun Kim, Esq. Executive Director Contra Costa Family Justice Center

Loaves and Fishes of Contra Costa is extremely grateful to the City Council and HUD for their ongoing support of the vital food program Loaves and Fishes provides to Antioch and the entire Contra Costa community. Without this support, Loaves and Fishes wouldn't be able to provide hot, nutritious meals and groceries to our neighbors in need. Thank you for helping us feed the community.

Janette Kennedy
Development Director
Loaves and Fishes of Contra Costa

St. Vincent de Paul of Contra Costa County is most grateful to the Antioch City Council and HUD for this award supporting our free medical clinic for the uninsured, "RotaCare Pittsburg Free Medical Clinic at St. Vincent de Paul". The clinic provides vital services to the thousands in East County who lack medical insurance, many of whom are Antioch residents. We look forward to serving the most vulnerable Antioch residents with this program, providing life-saving medical care for the uninsured and keeping low-income Antioch residents from incurring significant medical debt.

Claudia Ramirez Executive Director

St. Vincent de Paul of Contra Costa County

I can imagine that one of the hardest difficulties for those who are currently homeless is the fear of where they will go each night. They need a safe place to be in their cars. The Safe Parking Lot program that Winter Nights runs in Pittsburg has been a success. It is an important step in reaching out to the Homeless. Residents of East County need this too. It is a way to give them a "hands up." Thus, please vote to allocate funds for the Safe Parking Program in Antioch.

Note: Winter Nights has a record of success with four different programs, the Shelter, the Oasis (daytime shelter with showers), Continued Success (helping families who have moved on) and the Safe Parking Program in Pittsburg. The SPP staff and volunteers have been successful in helping clients find housing and jobs. In addition, food, gas cards, and other gift cards have been provided. Just this year the SPP in Pittsburg has become year round.

Hoping Antioch City Council will vote to support the Safe Parking Program.

Respectfully submitted,

Randi Long

Winter Nights

I want to support the City of Antioch funding a Safe Park Program at St. Ignatius Church. I have been a part of Winter Nights Family Shelter, Inc. for over 15 years and have seen how it has grown to include a Safe Park Program in Pittsburg. It started as a one month 'experiment' and has grown into a year-long program. The reason for its growth is because of its success and management. There have been clients who have been helped to find housing and jobs. In addition, clients have been helped to overcome some of the obstacles to finding housing and jobs, like car repairs, car registration and housing deposits. Those who have cars have had some success in their lives and most are eager to get help to move ahead in their lives.

A bonus to having a Safe Park Program is that the amount of time police have to spend monitoring those sleeping in their cars is lessened. Another bonus is that those folks get more rest and have access to showers. Plus, they often get food that is brought in mostly contributed by the community.

When families who are sleeping in their cars take advantage of the Safe Park Program they are invited to go into the Family Shelter, thus receiving more services. Please give this program funding to help those sleeping in their cars a hand up.

Judy Stillman Retired Executive Director Winter Nights

I have been involved with Winter Nights Shelter and its associated programs for 10 years. I whole-heartedly support what they have done and their continuing growth in outreach. I think that establishing a Winter Nights Shelter in Antioch would be a great idea, extending out outreach much more effectively to the eastern parts of Contra Costa County. Thank you,

Maren Stanczak

**Winter Nights** 



#### STAFF REPORT TO THE CITY COUNCIL

DATE:

Regular Meeting of June 28, 2022

TO:

Honorable Mayor and Members of the City Council

SUBMITTED BY:

Phil Hoffmeister, Administrative Analyst II

APPROVED BY:

John Samuelson, Public Works Director/City Engineer <sup>15</sup>

SUBJECT:

Resolution Annexing Certain Parcels of KB Home North Bay, LLC

(Laurel Ranch) into CFD No. 2018-02 (Police Protection)

#### RECOMMENDED ACTION

It is recommended that the City Council adopt the attached resolution annexing certain parcels of KB Home North Bay, LLC (Laurel Ranch) into Community Facilities District (CFD) No. 2018-02 (Police Protection).

#### FISCAL IMPACT

There is no immediately projected financial impact. Long term, the property owners will contribute to police services through CFD No. 2018-02.

#### **DISCUSSION**

Resolution No. 2018/137 adopted by City Council on October 23, 2018, authorizes the City to annex properties into CFD No. 2018-02 which will be assessed only for eligible Police Protection, without formal elections upon receipt of written consent from the owners.

As part of project approvals, KB Home North Bay, LLC was conditioned to annex parcels within their Laurel Ranch residential development into a CFD for Police Protection. Those parcels are:

**APNs** 

Owner

053-060-062

KB Home North Bay, LLC

The parcel is located north and west of the intersection of Country Hills Road and Laurel Road and the attached Boundary Map (Attachment B) shows the location of the parcel to be added as Annexation No. 7 to CFD No. 2018-02 for Police Protection.

The owner has provided consent and approval that to annex the APN to CFD No. 2018-02 (Attachment C). The owner has agreed and intends that such consent and approval constitute election to annex to CFD No. 2018-02 and approval of the authorization for the levy of the Special Tax within the property.

It is recommended that the City Council adopt the attached resolution (Attachment A) certifying and adding the above properties to CFD No. 2018-02 (Police Protection). If approved by the City Council, an Amended Boundary Map and an Amendment of Notice of Special Tax Lien for CFD 2018-02 (Police Protection) (Attachment D) shall be filed with the Contra Costa County Recorder's Office within fifteen (15) days of the resolution to annex.

#### **ATTACHMENTS**

- A: Resolution
- B: Consent and Election to Annex with Notary Acknowledgement
- C: Boundary Map of Annexation No. 7 to CFD No. 2018-02 (Police Protection)
- D: Amended Notice of Special Tax Lien

#### **ATTACHMENT "A"**

#### RESOLUTION NO. 2022/\*\*

# RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH ANNEXING CERTAIN PARCELS OF KB HOME NORTH BAY, LLC (LAUREL RANCH) INTO CFD NO. 2018-02 (POLICE PROTECTION)

WHEREAS, KB Home North Bay, LLC has given its written consent and approval to have parcel 053-060-062 annexed into CFD No. 2018-02 (Police Protection); and

WHEREAS, KB Home North Bay, LLC intends that such consent and approval constitutes election to annex into CFD No. 2018-02 (Police Protection), and approval of the authorization for the levy of the Special Tax within the properties, respectively.

**NOW THEREFORE BE IT RESOLVED** by the City Council of the City of Antioch that parcel 053-060-062 is hereby annexed into the CFD No. 2018-02 (Police Protection).

	the foregoing resolution was adopted by the City regular meeting thereof; held on the 28 <sup>th</sup> day of June,
AYES:	
NOES:	
ABSTAIN:	
ABSENT:	
	ELIZABETH HOUSEHOLDER CITY CLERK OF THE CITY OF ANTIOCH



#### **ATTACHMENT "B"**

### CONSENT AND ELECTION TO ANNEX REAL PROPERTY TO AN EXISTING COMMUNITY FACILITIES DISTRICT

# CITY OF ANTIOCH COMMUNITY FACILITIES DISTRICT No. 2018-02 (POLICE PROTECTION)

To: CITY COUNCIL OF THE CITY OF ANTIOCH IN ITS CAPACITY AS THE LEGISLATIVE BODY OF THE ABOVE ENTITLED COMMUNITY FACILITIES DISTRICT:

1. The undersigned is the owner (the "Owner"), or the duly authorized representative of the Owner, of the real property as described in Exhibit A attached hereto and incorporated herein by reference (the "Property"), and in such capacity, possesses all legal authority necessary to execute this Consent and Election as and on behalf of the Owner in connection with the annexation of the Property to the District (as defined below).

The Owner is:

KB Home North Bay, LLC

4830 Business Center Drive, Suite 150

Fairfield, Ca 94534

(Type or print the Full Name of the Owner or Owners of the Property in the above spaces.)

- 2. The Owner is aware of and understands the following:
  - The City of Antioch has conducted proceedings pursuant to the "Mello-Roos A. Community Facilities Act of 1982", (Government Code Section 53311 and following) (the "Act") to form a community facilities district known and designated **FACILITIES** DISTRICT NO. COMMUNITY 2018-02 PROTECTION) (the "District") to finance the increased demand for Police Protection (the "Services") resulting from new development within the District. The services to be financed by the CFD comprise services ("Services") authorized to be financed pursuant to Section 53313 and 53313.5 of the Government Code. CFD 2018-02 shall finance Services only to the extent they are in addition to those provided in the territory of CFD 2018-02 before the CFD was created and such Services may not supplant services already available within CFD 2018-02 when the CFD was created.

For a full and complete description of the Police Protection, reference is made to the final CFD Report, a copy of which is on file in the Office of the City Clerk. For all particulars, reference is made to said CFD Report.

B. The City has also undertaken proceedings pursuant to Article 3.5 of the Act to provide for the future annexation of certain territory, including the Property, to the

BI

District. On October 23, 2018, the City held a public hearing as required by the Act, to consider the future annexation of such territory, including the Property, to the District. Notice of such hearing was given in the form and manner as required by law. A protest to such future annexation was not received from fifty percent (50%) or more of the registered voters, or six (6) registered voters, whichever is more, residing in the territory proposed to be annexed in the future or the owners of one-half or more of the area of land in the territory proposed to be annexed in the future. At the conclusion of such public hearing, the legislative body of the City did approve and provide for the annexation in the future upon the unanimous approval of the owner or owners of each parcel or parcels at the time that such parcel or parcels are annexed, without additional hearings.

#### THE UNDERSIGNED DOES HEREBY CERTIFY UNDER PENALTY OF PERJURY AS FOLLOWS:

- The Owner consents and elects to and expressly approves annexation of the Property to the District and the authorization for the levy of the Special Tax within the Property without further public hearing and without an election conducted pursuant to the provisions of Government Code Section 53339.7 and Article 2 of the Act and the Elections Code of the State of California. Owner agrees and intends that such consent and approval constitutes Owner's election to annex the Property to the District and to approve the authorization for the levy of the Special Tax within the Property.
- 4. The Owner waives any right, which the Owner may have to make any protest or complaint or undertake any legal action challenging the validity of the proceedings of the City or the District to authorize the future annexation of the Property to the District or the authorization for the levy of the Special Tax within the Property, any necessity, requirement, right or entitlement for further public hearing or election pertaining to the annexation of the Property to the District and the levy of the Special Tax within the Property.
- 5. The Owner specifically authorizes the levy of the Special Tax on the Property pursuant to the rate and method of apportionment set forth in Exhibit B to pay for the authorized Police Protection.

EXECUTED this/9 <sup>th</sup> day California.	of May	, 2022, in <u>Fair Field</u> ,
(Signature)		Type or print name of signor



(Signature)

Oven Hershkarch
Type or print name of signor

#### Note:

- 1. Signatures of property owner(s) or representatives must be notarized.
- 2. Proof of Authorization to sign is required for Corporations, Partnerships, Limited Liability Companies, Trusts, etc.

#### **ACKNOWLEDGMENT**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.



#### CERTIFICATE OF SECRETARY KB HOME NORTH BAY LLC

I, Tony Richelieu, do hereby certify that I am the duly elected, qualified and acting Secretary of KB HOME North Bay LLC, a Delaware limited liability company (this "Company").

I do further certify that the resolutions attached hereto as Exhibit "A" are a true and complete representation of such resolutions that were duly adopted by the unanimous written consent of the Sole Member of this Company as of June 10, 2021, and that said resolutions have not been rescinded, modified or revoked, and are in full force and effect.

WITNESS MY HAND this 10<sup>th</sup> day of June, 2021.

By: Tony Richelieu
Tony Richelieu
Secretary

## EXHIBIT "A" KB HOME NORTH BAY LLC RESOLUTIONS ADOPTED AS OF JUNE 10, 2021

#### Signing Authority

RESOLVED . . ., that the following resolutions shall supersede and replace any and all resolutions previously adopted with respect to the powers and authority herein granted including, but not limited to, resolutions adopted as of September 30, 2020, and any such prior authority is hereby revoked and restated in its entirety as follows:

RESOLVED FURTHER, that the following officers and/or employees of this Company are authorized to act on behalf of this Company; provided, however, that such authority shall be limited to such authority as may be provided herein below and to other ordinary course of business transactions relating to the operations of this Company as indicated hereinbelow:

Oren Hershkovich

President

Robert McGibney

Executive Vice President [Regional President]

Kevin Fredrickson

Vice President, Land and Forward Planning

Heather Mercer

Vice President, Purchasing

Kyle Sigel

Vice President, Land Acquisition

Michael MacDonald

Assistant Secretary [Regional Counsel]

Stephene Cain

Escrow Manager

Diana Moore

Marketing Manager

Nicole Cooper

Director, Sales

Lori Wilson

Director, Finance

RESOLVED FURTHER, that the following persons be, and each hereby is, authorized and empowered on behalf and in the name of this Company and any Company Entity (which, for these purposes is (a) any limited liability company in which this Company is the sole member and (b) any partnership in which this Company is the general partner) to execute, acknowledge and deliver any and all documents deemed by such person to be necessary or appropriate in connection with the acquisition, disposition, and development of bulk parcels of real property by this Company and any Company Entity, including, but not limited to, land purchase and sale agreements, amendments, assignments, escrow instructions, grant deeds, promissory notes, deeds of trust, maps, and related agreements and documents:

Any one of: Oren Hershkovich Robert McGibney

Any two acting together:

Kevin Fredrickson

Kyle Sigel

Lori Wilson



RESOLVED FURTHER, that the following persons, acting alone, be, and each hereby is, authorized and empowered on behalf and in the name of this Company and any Company Entity to execute, acknowledge and deliver any and all documents deemed by such person necessary or appropriate in connection with this Company's and any Company Entity's project forward planning and entitlement ativities including but not limited to, entitlement applications, subdivision improvement agreements, builder's certification of plans, specifications and site plans, easements, development agreements, declarations of covenants, conditions and restrictions, recorded notices, notices of commencement, permit applications, subdivision and tract maps and exhibits thereto and supporting documents, applications or other filings required to be filed with the Department of Real Estate of California, condominium plans, consultant agreements, and project bonds:

Oren Hershkovich Robert McGibney Kevin Fredrickson Lori Wilson

RESOLVED FURTHER, that the following persons, acting alone, be, and each hereby is, authorized and empowered on behalf and in the name of this Company and any Company Entity to execute, acknowledge and deliver any and all documents deemed by such person necessary or appropriate in connection with this Company's and any Company Entity's land improvement and development activities including but not limited to, builder's certification of plans, specifications and site plans, notices of commencement, permit applications, land development subcontracts, materials and supply contracts, and utility contracts:

Oren Hershkovich Robert McGibney Kevin Fredrickson Heather Mercer Lori Wilson

RESOLVED FURTHER, that the following persons, acting alone, be, and each hereby is, authorized and empowered on behalf and in the name of this Company and any Company Entity to execute, acknowledge and deliver all contracts (including purchase and sale agreements, amendments, addendums and other ancillary documents forming a part of the contract), reservation agreements, escrow instructions, grant deeds, notes, warranties, and other agreements and documents necessary or appropriate with respect to the sale and conveyance of title to residential dwellings standing in the name of this Company and any Company Entity, including, but not limited to, any and all documents required by the Department of Housing and Urban Development, documents necessary to qualify for government or quasi-government sponsored loan programs including, but not limited to, developer, buyer and seller certifications, and other documents and instruments appropriate to cause this Company and any Company Entity to transfer and convey such real property and related assets:

Oren Hershkovich Robert McGibney Lori Wilson Stephene Cain\* Nicole Cooper\*

; provided, that each person designated by an asterisk in this resolution, if any, is authorized to sign warranties/grant deeds only with at least one additional person whose name is not designated by an asterisk;



RESOLVED FURTHER, that any one of the following persons, acting alone, be, and each hereby is, authorized and empowered for and on behalf and in the name of this Company and any Company Entity, to take all actions and to execute, deliver, file and record any and all certificates, instruments, agreements and documents as may be required or as such officer may deem necessary, advisable or proper, in connection with the financing of this Company's or any Company Entity's land improvement and development activities, including the public facilities necessary to serve such development and/or the impact fees associated with such development, including, but not limited to, (a) the formation of assessment districts or community facilities districts pursuant to the Mello-Roos Community Facilities Act of 1982, as amended, the Municipal Improvement Act of 1913, as amended, the Improvement Bond Act of 1915, as amended, or any other comparable or similar statute or regulation; (b) authorizing the levy of assessments or special taxes against the real property of this Company or any Company Entity by any such assessment district or community facilities district; and (c) authorizing the issuance of bonds by any such assessment district or community facilities district secured by a first pledge of the proceeds of the special taxes or assessments levied on the real property of this Company or any Company Entity:

Oren Hershkovich Robert McGibney Kevin Fredrickson Lori Wilson

RESOLVED FURTHER, that the following persons, acting alone, be, and each hereby is, authorized and empowered on behalf and in the name of this Company and any Company Entity to execute, acknowledge and deliver any and all documents deemed by him to be necessary or appropriate in connection with this Company's and any Company Entity's sales, marketing and real property management activities, including, but not limited to, master service agreements, vendor agreements, independent contractor sales agreements and supporting documents and offers of employment with this Company and any Company Entity for sales personnel:

Oren Hershkovich Robert McGibney Kevin Fredrickson

RESOLVED FURTHER, that the following persons, acting alone, be, and each hereby is, authorized and empowered on behalf and in the name of this Company and any Company Entity to execute, acknowledge and deliver any and all master subcontract agreements, material purchase agreements, subcontract work agreements, and related documents with respect to the construction of improvements on real property:

Oren Hershkovich Robert McGibney Kevin Fredrickson Heather Mercer Lori Wilson

RESOLVED FURTHER, that the following persons, acting alone, be, and each hereby is, authorized and empowered on behalf and in the name of this Company and any Company Entity to execute, acknowledge and deliver master consultant agreements, and related documents with respect to development of real property:

Oren Hershkovich Robert McGibney Kevin Fredrickson Heather Mercer Lori Wilson



RESOLVED FURTHER, that the following persons, acting alone, be, and each hereby is, authorized and empowered on behalf and in the name of this Company and any Company Entity to execute, acknowledge and deliver any and all documents required in connection with this Company's and any Company Entity's customer service and new home warranty activities and other related business operations including, but not limited to, settlement agreements, purchase orders and subcontracts for labor and materials:

Oren Hershkovich Robert McGibney Heather Mercer

RESOLVED FURTHER, that any of the following persons, acting alone, be, and each hereby is, authorized and empowered on behalf and in the name of this Company and any Company Entity to execute, acknowledge and deliver documents establishing bank accounts, financing arrangements and other ordinary course banking and financial arrangements:

Oren Hershkovich Robert McGibney Lori Wilson

RESOLVED FURTHER, that the following persons, acting alone, be, and each hereby is, authorized and empowered on behalf and in the name of this Company and any Company Entity to execute, acknowledge and deliver any and all documents required in connection with this Company's and any Company Entity's studio and showroom sales activities and related business operations:

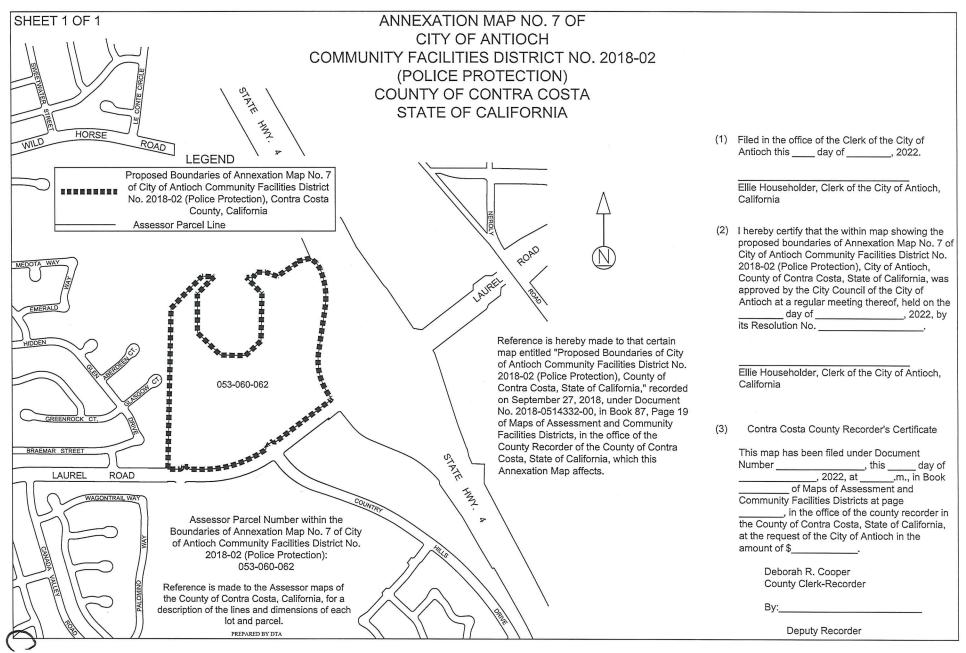
Oren Hershkovich Robert McGibney Heather Mercer Diana Moore

RESOLVED FURTHER, that the following person(s), acting alone, be, and each hereby is, authorized and empowered to act on behalf of this Company in its capacity as a member of any limited liability company or as a partner of any partnership in which this Company owns an interest:

Oren Hershkovich Robert McGibney

RESOLVED FURTHER, that Oren Hershkovich, President of this Company, and Robert McGibney, Executive Vice President [Regional President] of this Company be, and each hereby is, authorized, empowered and directed, for and on behalf of this Company and any Company Entity, to take such further actions and to do all such further things which he may deem necessary and appropriate to accomplish the purpose and to effectuate the intent of any of the foregoing resolutions with respect to this Company and any Company Entity.

RESOLVED FURTHER, that any and all documents executed or actions undertaken by any officers or employees listed in the foregoing resolutions between September 30, 2020 and the date hereof substantively within the scope of their authority as designated above be, and they hereby are, ratified, confirmed and approved.



#### **ATTACHMENT "D"**

#### RECORDED AT REQUEST OF:

City of Antioch Public Works Department Engineering & Development Services Division Attn: John Samuelson, P.E. 200 "H" Street P.O. Box 5007 Antioch, CA 94531-5007

THIS SPACE FOR RECORDERS

**USE ONLY** 

(No fee for recording pursuant to Government Code §27383)

Amendment to the Notice of Special Tax Lien
(Notice of Annexation)
Annexation No. 7
City of Antioch
Community Facilities District No. 2018-02
(Police Protection)

Assessor's Parcel Number 053-060-062

City of Antioch County of Contra Costa State of California

**June 2022** 

## AMENDMENT TO THE NOTICE OF SPECIAL TAX LIEN (NOTICE OF ANNEXATION)

#### ANNEXATION NO. 7

# CITY OF ANTIOCH COMMUNITY FACILITIES DISTRICT No. 2018-02 (POLICE PROTECTION)

Pursuant to the requirements of Section 3117.5 of the Streets and Highways Code and Section 53339.8 of the Government Code, the undersigned City Clerk of the City of Antioch, acting for and on behalf of the legislative body of the CITY OF ANTIOCH, COMMUNITY FACILITIES DISTRICT NO. 2018-02 (POLICE PROTECTION) (the "District") COUNTY OF CONTRA COSTA, STATE OF CALIFORNIA, HEREBY GIVES NOTICE that a lien is hereby imposed to secure payment of a special tax which the City Council of the City of Antioch, County of Contra Costa, State of California, acting in its capacity as the legislative body of such Community Facilities District is authorized to annually levy for the following purpose:

To finance increased demand for Police Protection resulting from new development within the District.

The special tax is authorized to be levied on the property described in Exhibit A attached hereto (the "Annexed Property") which has been annexed to the District, which has now been officially formed, and the lien of the special tax is a continuing lien, which shall secure each annual levy of the special tax and which shall continue in force and effect until the special tax obligation is prepaid, permanently satisfied and cancelled in accordance with law or until the special tax ceases to be levied and an notice of cessation of special tax is recorded in accordance with Section 53330.5 of the Government Code.

The rate and method of apportionment of the authorized special tax is as shown on the attached, referenced and incorporated Exhibit B, and the special tax shall be collected in the same manner as ordinary *ad valorem* property taxes are collected and shall be subject to the same penalties and the same procedure, sale and lien priority in case of delinquency as is provided for *ad valorem* taxes; provided, however, as applicable, the legislative body of the District may, by resolution, establish and adopt an alternative or supplemental collection procedure as necessary.

Notice is further given that upon the recording of this notice in the office of the County Recorder, the obligation to pay the special tax levy shall become a lien upon the Annexed Property in accordance with Section 3115.5 of the Streets and Highways Code.

The name(s) of the owner(s) of the Annexed Property as he or she (they) appear on the last secured assessment roll as of the date of recording of this Notice and Assessor's tax parcel numbers of all parcels or any portion thereof which are included within the Annexed Property are as set forth on the attached, referenced and incorporated Exhibit C.

Reference is made to the following:

- 1. "Proposed Boundaries of City of Antioch Community Facilities District No. 2018-02 (Police Protection), County of Contra Costa, State of California", recorded on September 27, 2018 under Document No. 2018-0154332, in Book 87, Page 19 of Maps of Assessment and Community Facilities Districts, in the Office of the County Recorder of the County of Contra Costa, State of California.
- 2. "City of Antioch Community Facilities District No. 2018-02 (Police Protection), <u>Rate and Method of Apportionment of Special Tax</u>" attached as Exhibit B to Resolution No. 2018/113 adopted by the City of Antioch City Council on September 11, 2018.
- 3. "Notice of Special Tax Lien, City of Antioch, Community Facilities District No. 2018-02 (Police Protection) (County of Contra Costa)", recorded on November 07, 2018 under Document No. 2018-0181159, in the Office of the County Recorder of the County of Contra Costa, State of California.

For further information concerning the current and estimated future tax liability of owners or purchasers of real property subject to this special tax lien, interested persons should contact the following designated person:

Dated:		
Dateu.		_

ELLIE HOUSEHOLDER CITY CLERK OF THE CITY OF ANTIOCH

#### EXHIBIT A

## CONSENT AND ELECTION TO ANNEX REAL PROPERTY TO AN EXISTING COMMUNITY FACILITIES DISTRICT

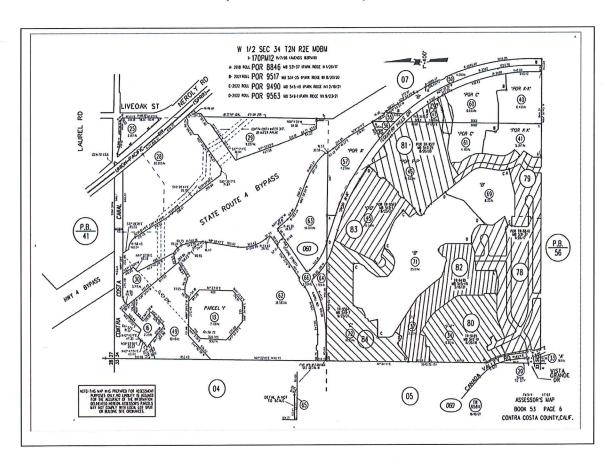
# CITY OF ANTIOCH COMMUNITY FACILITIES DISTRICT No. 2018-02 (POLICE PROTECTION)

ANNEXATION No. 7

053-060-062

ASSESSOR'S PARCEL NUMBER(S)

## CITY OF ANTIOCH COMMUNITY FACILITIES DISTRICT NO. 2018-02 (POLICE PROTECTION)



#### **EXHIBIT "B"**

# CITY OF ANTIOCH COMMUNITY FACILITIES DISTRICT NO. 2018-02 (POLICE PROTECTION)

#### RATE AND METHOD OF APPORTIONMENT OF SPECIAL TAX

A Special Tax as hereinafter defined shall be levied on all Assessor's Parcels of Taxable Property in City of Antioch Community Facilities District No. 2018-02 (Police Protection) (County of Contra Costa) ("CFD No. 2018-02") and collected each Fiscal Year commencing in Fiscal Year 2018-19, in an amount determined by the Council through the application of the appropriate Special Tax for "Developed Property," as described below. All of the real property in CFD No. 2018-02, unless exempted by law or by the provisions hereof, shall be taxed for these purposes, to the extent and in the manner herein provided.

#### A. <u>DEFINITIONS</u>

The terms hereinafter set forth have the following meanings:

"Act" means the Mello-Roos Community Facilities Act of 1982, as amended, being Chapter 2.5, Division 2 of Title 5 of the Government Code of the State of California.

"Administrative Expenses" means the following actual or reasonably estimated costs directly related to the administration of CFD No. 2018-02: the costs of computing the Special Taxes and preparing the annual Special Tax collection schedules (whether by the City or any designee thereof or both); the costs of collecting the Special Taxes (whether by the City or otherwise); the costs to the City, CFD No. 2018-02, or any designee thereof of complying with CFD No. 2018-02 or obligated persons disclosure requirements associated with the Act; the costs associated with preparing Special Tax disclosure statements and responding to public inquiries regarding the Special Taxes; the costs to the City, CFD No. 2018-02, or any designee thereof related to an appeal of the Special Tax; and the City's annual administration fees and third party expenses. Administrative Expenses shall also include amounts estimated or advanced by the City or CFD No. 2018-02 for any other administrative purposes of CFD No. 2018-02, including attorney's fees and other costs related to commencing and pursuing to completion any foreclosure of delinquent Special Taxes.

18 D5

- "Age-Restricted Residential Property" means all Assessor's Parcels of Developed Property which are identified and designated as Active Adult Senior Housing pursuant to City Municipal Code Section 9-5.203
- "Assessor's Parcel" means a lot or parcel shown on an Assessor's Parcel Map with an assigned Assessor's Parcel number.
- "Assessor's Parcel Map" means an official map of the Assessor of the County designating parcels by Assessor's Parcel number.
- "Authorized Services" means those services eligible to be funded by CFD No. 2018-02, as defined in the Resolution of Formation and authorized to be financed by CFD No. 2018-02 pursuant to Section 53313 and Section 53313.5 of the Act. CFD No. 2018-02 shall finance Authorized Services only to the extent that they are in addition to those provided in the territory of CFD No. 2018-02 before the CFD was created and such Authorized Services may not supplant services already available within CFD No. 2018-02 when the CFD was created.
- "CFD Administrator" means an official of the City or CFD No. 2018-02, or any designee thereof, responsible for determining the Special Tax Requirement and providing for the levy and collection of the Special Taxes.
- "CFD No. 2018-02" means City of Antioch Community Facilities District No. 2018-02 (Police Protection) (County of Contra Costa).
- "City" means the City of Antioch.
- "City Manager" means the City Manager of the City of Antioch.
- "Council" means the City Council of the City of Antioch, acting as the legislative body of CFD No. 2018-02.
- "County" means the County of Contra Costa.
- "Developed Property" means, for each Fiscal Year, all Assessor's Parcels for which a Building Permit was issued after January 1, 2018 and on or before May 1 of the Fiscal Year preceding the Fiscal Year for which the Special Taxes are being levied.
- "Dwelling Unit" means a building or portion thereof designed for and occupied in whole or part as a residence or sleeping place, either permanently or temporarily, by one (1) family and its guests, with sanitary facilities and one (1) kitchen provided within the unit. Boarding or lodging houses, dormitories, and hotels shall not be defined as Dwelling Units unless the land use permit specifies a residential use.
- "Fiscal Year" means the period starting July 1 and ending on the following June 30.

City of Antioch
Community Facilities District No. 2018-02 (Police Protection)

July 9, 2018
Page 2

- "Land Use Class" means any of the classes listed in Table 1.
- "Maximum Special Tax" means, for each Fiscal Year, the maximum Special Tax, determined in accordance with Section C, below, that can be levied on any Assessor's Parcel.
- "Multi-Family Residential Property" means, all Assessor's Parcels of Developed Property for which a Building Permit has been issued for purposes of constructing a residential structure consisting of more than two (2) Dwelling Units, including, but not limited to, triplexes, condominiums, and apartment units.
- "Property Owner Association Property" means, for each Fiscal Year, any Assessor's Parcel within the boundaries of CFD No. 2018-02 that is owned by or irrevocably offered for dedication to a property owner association, including any master or sub-association, not including any such property that is located directly under a residential or non-residential structure.
- "Proportionately" means that the ratio of the actual annual Special Tax levy to the Maximum Special Tax is equal for all Assessor's Parcels of Developed Property.
- "Public Property" means, for each Fiscal Year, (i) any property within the boundaries of CFD No. 2018-02 that is owned by or irrevocably offered for dedication to the federal government, the State, the City, or any other public agency; provided however that any property leased by a public agency to a private entity and subject to taxation under Section 53340.1 of the Act, as such section may be amended or replaced, shall be taxed and classified in accordance with its use; or (ii) any property within the boundaries of CFD No. 2018-02 that is encumbered by an unmanned utility easement making impractical its utilization for other than the purpose set forth in the easement.
- "Rate and Method of Apportionment" or "RMA" means this Rate and Method of Apportionment of Special Tax.
- "Residential Property" means, for each Fiscal Year, all Assessor's Parcels of Developed Property for which a Building Permit was issued after January 1, 2018 and on or before May 1 of the Fiscal Year preceding the Fiscal Year for which the Special Taxes are being levied, for purposes of constructing one (1) or more residential Dwelling Units.
- "Resolution of Formation" means the resolution adopted by the Council pursuant to Section 53325.1 of the Act, establishing CFD No. 2018-02.
- "San Francisco Urban Consumer Price Index" means, for each Fiscal Year, the Consumer Price Index published by the U.S. Bureau of Labor Statistics for All Urban Consumers in the San Francisco Oakland San Jose Area, measured as of the month of December in the calendar year that ends in the previous Fiscal Year. In the event this index ceases to be published, the Consumer Price Index shall be another index as determined by the CFD

City of Antioch Community Facilities District No. 2018-02 (Police Protection) DF

Administrator that is reasonably comparable to the Consumer Price Index for the San Francisco – Oakland – San Jose Area.

"Services" means those services authorized to be financed by CFD No. 2018-02 pursuant to Section 53313 and Section 53313.5 of the Act. CFD No. 2018-02 shall finance Services only to the extent that they are in addition to those provided in the territory of CFD No. 2018-02 before such CFD was created and such Services may not supplant services already available within CFD No. 2018-02 when such CFD was created.

"Single Family Residential Property" means all Assessor's Parcels of Developed Property for which a Building Permit has been issued for purposes of constructing one single-family residential Dwelling Unit.

"Special Tax" or "Special Taxes" means the special tax to be levied in each Fiscal Year on each Assessor's Parcel of Developed Property to fund the Special Tax Requirement.

"Special Tax Requirement" means that amount to be collected in any Fiscal Year for CFD No. 2018-02 to pay for certain costs as required to meet the needs of CFD No. 2018-02 in that Fiscal Year. The costs to be covered shall be the direct costs for (i) Authorized Services, and (ii) Administrative Expenses; less (iii) a credit for funds available to reduce the annual Special Tax levy, if any, as determined by the CFD Administrator. Under no circumstances shall the Special Tax Requirement include debt service payments for debt financings by CFD No. 2018-02.

"State" means the State of California.

"Taxable Property" means all of the Assessor's Parcels within the boundaries of CFD No. 2018-02 which are not exempt from the Special Tax pursuant to law or Section E below.

"Undeveloped Property" means, for each Fiscal Year, all property not classified as Developed Property, Property Owner Association Property, or Public Property.

#### B. ASSIGNMENT TO LAND USE CATEGORIES

Each Fiscal Year, all Assessor's Parcels, as applicable within CFD No. 2018-02, shall be classified by the CFD Administrator as Developed Property, Undeveloped Property, Property Owner Association Property, or Public Property, and shall be subject to annual Special Taxes in accordance with this Rate and Method of Apportionment as determined by the CFD Administrator pursuant to Sections C and D below. The CFD Administrator's allocation of property to each type of Land Use Class shall be conclusive and binding. However, only Developed Property shall be subject to annual Special Taxes in accordance with the Rate and Method of Apportionment as determined pursuant to Sections C and D below. All Developed Property shall be assigned to Land Use Classes 1, 2, or 3 as listed in Table 1.

City of Antioch
Community Facilities District No. 2018-02 (Police Protection)

July 9, 2018
Page 4



#### C. MAXIMUM SPECIAL TAX RATE

#### 1. Developed Property

#### a. <u>Maximum Special Tax</u>

The Maximum Special Tax for Fiscal Year 2018-19 for Developed Property is shown below. Under no circumstances shall a Special Tax be levied on additions to Dwelling Units which have been categorized in prior Fiscal Years as Developed Property.

#### TABLE 1

#### Maximum Special Taxes for Developed Property For Fiscal Year 2018-19 Community Facilities District No. 2018-02

Table 1: Residential Property			
Land Use Class	Police Protection Services Special Tax	FY 2018-2019 Maximum Tax	
1	Single Family Residential Property	\$473.93	
2	Multi-Family Residential Property	\$300.16	
3	Age-Restricted Residential Property	\$236.97	

#### b. <u>Increase in the Maximum Special Tax</u>

On each July 1, commencing on July 1, 2019, the Maximum Special Tax for Developed Property shall be increased annually by the greater of the change in the San Francisco Urban Consumer Price Index (during the twelve (12) months prior to December of the previous Fiscal Year) or two percent (2.00%), with a maximum annual increase of four (4.00%) percent for any given Fiscal Year.

#### 2. Undeveloped Property

No Special Taxes shall be levied on Undeveloped Property.

#### 3. Prepayment of Special Tax

No prepayment of the Special Tax shall be permitted in CFD No. 2018-02.

City of Antioch
Community Facilities District No. 2018-02 (Police Protection)

July 9, 2018
Page 5

# D. METHOD OF APPORTIONMENT OF THE SPECIAL TAX

Commencing with Fiscal Year 2018-19 and for each following Fiscal Year, the Council shall levy the annual Special Tax Proportionately for each Assessor's Parcel of Developed Property at up to 100% of the applicable Maximum Special Tax, until the amount of Special Taxes equals the Special Tax Requirement.

# E. EXEMPTIONS

In addition to Undeveloped Property being exempt from annual Special Taxes, no Special Tax shall be levied on Public Property or Property Owner Association Property. However, should an Assessor's Parcel no longer be classified as Public Property or Property Owner Association Property, such Assessor's Parcel shall, upon each reclassification, no longer be exempt from Special Taxes.

# F. APPEALS AND INTERPRETATIONS

Any landowner or resident may file a written appeal of the Special Tax on his/her property with the CFD Administrator, provided that the appellant is current in his/her payments of Special Taxes. During the pendency of an appeal, all Special Taxes previously levied must be paid on or before the payment date established when the levy was made. The appeal must specify the reasons why the appellant claims the Special Tax is in error. The CFD Administrator shall review the appeal, meet with the appellant if the CFD Administrator deems necessary, and advise the appellant of its determination. If the CFD Administrator agrees with the appellant, the CFD Administrator shall eliminate or reduce the Special Tax on the appellant's property and/or provide a refund to the appellant. If the CFD Administrator disagrees with the appellant and the appellant is dissatisfied with the determination, the appellant then has thirty (30) days in which to appeal to the City Council by filing a written notice of appeal with the clerk of the City, provided that the appellant is current in his/her payments of Special Taxes. The second appeal must specify the reasons for the appellant's disagreement with the CFD Administrator's determination. The CFD Administrator may charge the appellant a reasonable fee for processing the appeal.

The City may interpret this Rate and Method of Apportionment for purposes of clarifying any ambiguity and make determinations relative to the annual administration of the Special Tax and any landowner or resident appeals. Any decision of the City will be final and binding as to all persons.

July 9, 2018
Page 6

City of Antioch Community Facilities District No. 2018-02 (Police Protection)

#### G. MANNER OF COLLECTION

The annual Special Tax shall be collected in the same manner and at the same time as ordinary ad valorem property taxes; provided, however, that CFD No. 2018-02 may directly bill the Special Tax, may collect Special Taxes at a different time or in a different manner if necessary to meet its financial obligations, and may covenant to foreclose and may actually foreclose on delinquent Assessor's Parcels as permitted by the Act.

#### H. **FUTURE ANNEXATIONS**

It is anticipated that additional properties will be annexed to CFD No. 2018-02 from time to time. As each annexation is proposed, an analysis may be prepared to determine the annual cost for providing Authorized Services to such parcels. Based on this analysis, any parcels to be annexed, pursuant to California Government Code Section 53339 et seq. will be assigned the approximate Maximum Special Tax rates when annexed.

#### I. TERM OF SPECIAL TAX

The Special Tax shall be levied in perpetuity as necessary to meet the Special Tax Requirement, unless no longer required to pay for Authorized Services as determined at the sole discretion of the Council.

July 9, 2018

City of Antioch

# Property in City of Antioch Community Facilities District No. 2018-02 (Police Protection)

# Annexation No. 7

The property in the City of Antioch Community Facilities District No. 2018-02 (Police Protection) Annexation No. 7 (County of Contra Costa) (State of California) is owned and identified as shown below:

**Owner** 

Assessor's Parcel Number

KB Home North Bay, LLC

053-060-062



# STAFF REPORT TO THE CITY COUNCIL

DATE:

Regular Meeting of June 28, 2022

TO:

Honorable Mayor and Members of the City Council

SUBMITTED BY:

Phil Hoffmeister, Administrative Analyst II

APPROVED BY:

John Samuelson, Public Works Director/City Engineer

SUBJECT:

Resolution Annexing Certain Parcels of Promenade Antioch, LP (Tri

Pointe) into CFD No. 2018-02 (Police Protection)

# RECOMMENDED ACTION

It is recommended that the City Council adopt the attached resolution annexing certain parcels of Promenade Antioch, LP (Tri Pointe) into Community Facilities Districts (CFD) No. 2018-02 (Police Protection).

# **FISCAL IMPACT**

There is no immediately projected financial impact. Long term, the property owners will contribute to police services through CFD No. 2018-02.

# DISCUSSION

Resolution No. 2018/137 adopted by City Council on October 23, 2018, authorizes the City to annex properties into CFD No. 2018-02 which will be assessed only for eligible Police Protection, without formal elections upon receipt of written consent from the owners.

As part of project approvals, Promenade Antioch LP was conditioned to annex parcels within their residential development into a CFD for Police Protection. Those parcels are:

<u>APNs</u>

Owner

057-030-017; -021; and -039 057-180-001 to 057-180-111

057-190-001 to 057-190-092

Promenade Antioch, LP

The parcels are located southwest of the intersection of Heidorn Ranch Road and Cole Ranch Lane and the attached Boundary Map (Attachment B) shows the location of the parcels to be added as Annexation No. 8 to CFD No. 2018-02 for Police Protection.

The owner has provided consent and approval that all APNs be annexed to CFD No. 2018-02 (Attachment C). The owner has agreed and intends that such consent and

approval constitute election to annex to CFD No. 2018-02 and approval of the authorization for the levy of the Special Tax within the property.

It is recommended that the City Council adopt the attached resolution (Attachment A) certifying and adding the above properties to CFD No. 2018-02 (Police Protection). If approved by the City Council, an Amended Boundary Map and an Amendment of Notice of Special Tax Lien for CFD 2018-02 (Police Protection) (Attachment D) shall be filed with the Contra Costa County Recorder's Office within fifteen (15) days of the resolution to annex.

# **ATTACHMENTS**

A: Resolution

B: Consent and Election to Annex with Notary Acknowledgement

C: Boundary Map of Annexation No. 8 to CFD No. 2018-02 (Police Protection)

D: Amended Notice of Special Tax Lien

# ATTACHMENT "A"

# RESOLUTION NO. 2022/\*\*

# RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH ANNEXING CERTAIN PARCELS OF PROMENADE ANTIOCH, LP (TRI POINTE) INTO CFD NO. 2018-02 (POLICE PROTECTION)

**WHEREAS**, Promenade Antioch, LP has given its written consent and approval to have parcels 057-030-017, 057-030-021, 057-030-039, 057-180-001 to 057-180-111, and 057-190-001 to 057-190-092 annexed into CFD No. 2018-02 (Police Protection); and

WHEREAS, Promenade Antioch, LP intends that such consent and approval constitutes election to annex into CFD No. 2018-02 (Police Protection), and approval of the authorization for the levy of the Special Tax within the properties, respectively.

**NOW THEREFORE BE IT RESOLVED** by the City Council of the City of Antioch that parcels 057-030-017, 057-030-021, 057-030-039, 057-180-001 to 057-180-111 and 057-190-001 to 057-190-092 are hereby annexed into the CFD No. 2018-02 (Police Protection).

	egoing resolution was adopted by the City neeting thereof; held on the 28 <sup>th</sup> day of June,
AYES:	
NOES:	
ABSTAIN:	
ABSENT:	
	ELIZABETH HOUSEHOLDER CITY CLERK OF THE CITY OF ANTIOCH

# **ATTACHMENT "B"**

# CONSENT AND ELECTION TO ANNEX REAL PROPERTY TO AN EXISTING COMMUNITY FACILITIES DISTRICT

# CITY OF ANTIOCH COMMUNITY FACILITIES DISTRICT No. 2018-02 (POLICE PROTECTION)

- To: CITY COUNCIL OF THE CITY OF ANTIOCH IN ITS CAPACITY AS THE LEGISLATIVE BODY OF THE ABOVE ENTITLED COMMUNITY FACILITIES DISTRICT:
- 1. The undersigned is the owner (the "Owner"), or the duly authorized representative of the Owner, of the real property as described in Exhibit A attached hereto and incorporated herein by reference (the "Property"), and in such capacity, possesses all legal authority necessary to execute this Consent and Election as and on behalf of the Owner in connection with the annexation of the Property to the District (as defined below).

The Owner is:

PROMENADE – ANTIOCH, L.P., a Delaware limited partnership

TRI POINTE HOMES HOLDINGS, INC. a Delaware corporation

- 2. The Owner is aware of and understands the following:
  - The City of Antioch has conducted proceedings pursuant to the "Mello-Roos A. Community Facilities Act of 1982", (Government Code Section 53311 and following) (the "Act") to form a community facilities district known and designated COMMUNITY DISTRICT NO. 2018-02 **FACILITIES** PROTECTION) (the "District") to finance the increased demand for Police Protection (the "Services") resulting from new development within the District. The services to be financed by the CFD comprise services ("Services") authorized to be financed pursuant to Section 53313 and 53313.5 of the Government Code. CFD 2018-02 shall finance Services only to the extent they are in addition to those provided in the territory of CFD 2018-02 before the CFD was created and such Services may not supplant services already available within CFD 2018-02 when the CFD was created.

For a full and complete description of the Police Protection, reference is made to the final CFD Report, a copy of which is on file in the Office of the City Clerk. For all particulars, reference is made to said CFD Report.

B. The City has also undertaken proceedings pursuant to Article 3.5 of the Act to provide for the future annexation of certain territory, including the Property, to the

BI

District. On October 23, 2018, the City held a public hearing as required by the Act, to consider the future annexation of such territory, including the Property, to the District. Notice of such hearing was given in the form and manner as required by law. A protest to such future annexation was not received from fifty percent (50%) or more of the registered voters, or six (6) registered voters, whichever is more, residing in the territory proposed to be annexed in the future or the owners of one-half or more of the area of land in the territory proposed to be annexed in the future. At the conclusion of such public hearing, the legislative body of the City did approve and provide for the annexation in the future upon the unanimous approval of the owner or owners of each parcel or parcels at the time that such parcel or parcels are annexed, without additional hearings.

## THE UNDERSIGNED DOES HEREBY CERTIFY UNDER PENALTY OF PERJURY AS FOLLOWS:

- 3. The Owner consents and elects to and expressly approves annexation of the Property to the District and the authorization for the levy of the Special Tax within the Property without further public hearing and without an election conducted pursuant to the provisions of Government Code Section 53339.7 and Article 2 of the Act and the Elections Code of the State of California. Owner agrees and intends that such consent and approval constitutes Owner's election to annex the Property to the District and to approve the authorization for the levy of the Special Tax within the Property.
- 4. The Owner waives any right, which the Owner may have to make any protest or complaint or undertake any legal action challenging the validity of the proceedings of the City or the District to authorize the future annexation of the Property to the District or the authorization for the levy of the Special Tax within the Property, any necessity, requirement, right or entitlement for further public hearing or election pertaining to the annexation of the Property to the District and the levy of the Special Tax within the Property.
- 5. The Owner specifically authorizes the levy of the Special Tax on the Property pursuant to the rate and method of apportionment set forth in Exhibit B to pay for the authorized Police Protection.

BZ

EXECUTED this 16th day of June, 2022, in Calabasas, California. OWNER: PROMENADE - ANTIOCH, L.P., a Delaware limited partnership By: Cal Hearthstone PBLO GP, LLC a Delaware limited liability company, General Partner Cal Hearthstone Public Builder Lot Option, LLC, By: a Delaware limited liability company Sole Member Hearthstone Professionals – CS, L.P., By: a Delaware limited partnership Member Manager OWNER: TRI POINTE HOMES, HOLDINGS, INC., a Delaware Corporation Name: Michael S. Bowes Title: Assistant Secretary Note: Signatures of property owner(s) or representatives must be notarized. 1.

Proof of Authorization to sign is required for Corporations, Partnerships, Limited

2.

Liability Companies, Trusts, etc.

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT** THE TRANSPORT OF THE PROPERTY A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document. State of California County of Los ana before me, Kare Here Insert Name and Title of the Officer Date personally appeared Name(s) of Signer(s) who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing KAREN S. HORNBACK paragraph is true and correct. Notary Public - California Ventura County Commission # 2251498 y Comm. Expires Jul 31, 2022 WITNESS my hand and official seal. Place Notary Seal and/or Stamp Above **OPTIONAL** Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document. **Description of Attached Document** Title or Type of Document: \_\_\_ Number of Pages:\_ Document Date: \_ Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Slaner's Name: Signer's Name: ☐ Corporate Officer - Title(s): ☐ Corporate Officer - Title(s): ☐ Partner - ☐ Limited ☐ General ☐ Partner — ☐ Limited ☐ General □ Attorney in Fact □ Individual □ Attorney in Fact □ Individual ☐ Guardian of Conservator □ Trustee □ Guardian of Conservator □ Trustee

THE PROPERTY AND THE CONTROLLED WITH THE PROPERTY OF THE PROPE

□ Other:

Signer is Representing:

©2017 National Notary Association

Signer is Representing:

□ Other:

# **ACKNOWLEDGMENT**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

validity of that document.
State of California County of
On June 15, 2022 before me, L.B. Pierce, a Notary Public (insert name and title of the officer)
personally appeared Michael S. Bowes who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.  L. B. PIERCE Notary Public - California Alameda County Commission # 2261902 My Comm. Expires Oct 8, 2022  Signature (Seal)

# SECRETARY'S CERTIFICATE OF TRI POINTE HOMES HOLDINGS, INC.

The undersigned does hereby certify that he is the duly elected, qualified and acting Secretary of Tri Pointe Homes Holdings, Inc., a Delaware corporation (the "Company") and that, as the duly elected, qualified and acting Secretary of the company, does hereby certify:

Section 1. <u>Signing Authority for Project Management Documents</u>. The Board of Directors of the Company, acting pursuant to Section 141(f) of the General Corporation Law of the State of Delaware, did, as of May 20, 2022, adopt by unanimous written consent the recitals and resolutions a true and correct copy of which is attached hereto as <u>Exhibit A</u>.

Section 2. <u>Project Management Documents Officers</u>. The Project Management Documents Officers designated by resolution as set forth in <u>Exhibit A</u> continue to serve (a) in their respective offices as listed in <u>Exhibit A</u> and (b) as Project Management Documents Officers.

Executed this 20th day of May, 2022.

David C. Lee, Secretary

Dailte.

The undersigned herby certifies that he is the duly elected Assistant Secretary of the Company and that the signature above is David C. Lee's true and correct signature.

IN WITNESS WHEREOF, I have executed this Secretary's Certificate as of May 20, 2022.

Matthew A. Susson, Assistant Secretary

## EXHIBIT A

### RESOLUTIONS

# **Project Management Documents Signing Authority**

WHEREAS, the Board has determined it to be in the best interests of the Company and its stockholders to specify the power and authority of certain officers of the Company to execute Project Management Documents (as defined below) by and on behalf of the Company.

NOW, THEREFORE, BE IT RESOLVED, that "Project Management Documents" shall consist of:

- A. Agreements for Mello Roos and Special District (or Metro District) financing, including but not limited to Ballots, Reports and Certificates as needed for projects of the Company;
- B. Tentative and final tract maps, homeowners' association budgets, governing documents as defined in California Civil Code §4150 (including, but not limited to, Declarations of C, C & R's and Supplemental Declarations), any applications and Subdivision Questionnaires for the State Department of Real Estate; any Preliminary and Final Plats, as needed for projects of the Company; and governing documents as defined in the Colorado Common Interest Community Act, Article 33.3 of the Colorado Revised Statutes(including, but not limited to, Declarations of C, C & R's and Supplemental Declarations), as needed for projects of the Company;
- C. Subdivision improvement, monumentation, grading, warranty, Department of Real Estate surety and tax bonds as may be required by various governmental agencies pertinent to the projects of the Company and agreements relating to surety bonds, including but not limited to Subdivision Improvement Agreements, Lien Agreements, extension of time and one-year maintenance agreements in favor of various governmental agencies;
- D. Agreements on behalf of the Company for subdivision improvement and development, including but not limited to Road Improvement Agreements, Water Main Extension Agreements, Underline Extension Agreements and Utility Easements;
- E. Agreements with agencies for gas, power, telephone, water or any other required utility;
- F. Recordable Memoranda of Agreements, Cost Sharing Reimbursement Agreements and School Mitigation Agreements;
- G. Master Agreement for Professional Services (Architect, Engineer or Other Consultant), Work Agreement for Master Agreement for Professional Services, Purchase Orders and Change Orders; and
- H. Documents, including but not limited to, Post Closing Title 7 Dispute Resolution, Master Dispute Resolution Declaration and Individual Dispute Resolution, as may be required by the Department of Real Estate.

RESOLVED FURTHER, that the following officers of the Company, currently serving

B7

(or upon their appointment will be serving) in the offices of the Company respectively set forth after their names, are hereby designated the "Project Management Documents Officers" and are hereby authorized to execute on behalf of the Company and to deliver Project Management Documents:

Jeffrey D. Frankel	Division President—Bay Area and Senior	
	Vice President	
Leslie Graham ("Gray") Shell IV	Division President—Carolinas	
Linda M. Purdy	Division President—Colorado	
Philip S. Bodem	Division President—Sacramento	
Bob Davenport	Division President—Raleigh	
Thomas G. Grable	Division President—Orange County-Los	
	Angeles and Senior Vice President	
Jason P. Cole	Vice President	
Sean Herra	Vice President	
Scott L. Pasternak	Vice President	
Jason Miller	Vice President	
John Sherwood	Vice President	
John Sands	Vice President	
Justin James	Vice President	
Leigh Hansen	Vice President	
Michael S. Bowes	Assistant Secretary	
Stephanie M. Fabbri Carter	Assistant Secretary	
Keith P. Frankel	Assistant Secretary	
Karina Guerrieri	Assistant Secretary	
Scott Richard Kramer	Assistant Secretary	
Michael Miller	Assistant Secretary	
Kristi Dillard	Assistant Secretary	
Luke Woodburn	Assistant Secretary	
Jackie Mast	Assistant Secretary	
John Sekigahama	Assistant Secretary	

RESOLVED FURTHER, that the Project Management Documents Officers are hereby severally authorized to (a) sign, execute, certify to, verify, acknowledge, deliver, accept, file and record any and all instruments and documents related to the Project Management Documents, and (b) take, or cause to be taken, any and all such action in the name and on behalf of the Company as are in such officer's sole discretion necessary or advisable and in the best interest of the Company in order to consummate the transactions contemplated by, or otherwise to effect the purposes of, the foregoing resolutions and recitals; and

RESOLVED FURTHER, that any and all acts of the Project Management Documents Officers to the date of this consent in connection with the documents and transactions referred to in the preceding resolutions and recitals are hereby in each respect ratified, confirmed, and adopted and approved as the acts of the Company.

# HEARTHSTONE, INC. CORPORATE RESOLUTION/CERTIFICATE OF INCUMBENCY

The following resolutions were duly adopted by written consent of the Director of Hearthstone, Inc., a California corporation (the "Corporation"), without a meeting, effective as of June 15, 2022.

WHEREAS, the Corporation is the general partner of Hearthstone Professionals –CS, L.P., a Delaware limited partnership, Manager of Cal Hearthstone Public Builder Lot Option, LLC, a Delaware limited liability company, sole member of Cal Hearthstone PBLO GP, LLC, a Delaware limited liability company, the general partner of Promenade - Antioch, L.P., a Delaware limited partnership (the "Company");

WHEREAS, it is in the best interests of the Company that certain officers of this Corporation be authorized to execute, acknowledge and deliver, as needed for projects of the Company (i) documents, instruments, applications, permits, bonds, agreements and other materials in connection with obtaining development permits and approvals, (ii) tentative and final tract maps/plats, homeowners' association governing documents, including CC&R's, (iii) surety and tax bonds as may be required by various governmental agencies pertinent to the projects of the Company, (iv) agreements on behalf of the Company for subdivision improvement and development, including agreements with agencies for required utilities, and (v) grant deeds and other instruments and agreements in connection with the development, construction and sale of individual lots within the single family residential projects owned and being developed by and on behalf of the Company (each, a "Transaction" and collectively, the "Transactions");

WHEREAS, it is in the best interest of the Company that the language relating to the description of the Transactions set forth in the foregoing recitals shall be given the broadest possible interpretation in order to consummate the Transactions contemplated by, or otherwise to effect the intent and purposes of the Company with respect to the grant of authority contained in the foregoing recitals.

NOW, THEREFORE, BE IT:

RESOLVED, the document to which this Resolution is attached is a Transaction contemplated in the foregoing recitals; and

RESOLOVED, FURTHER, that Steven C. Porath, Senior Vice President and General Counsel of the Corporation (an "Authorized Person"), is authorized and empowered, acting alone, to represent, act for, execute and deliver in the name and on behalf of the Corporation, in its capacity as general partner of Hearthstone Professionals – CS, L.P., Manager of Cal Hearthstone Public Builder Lot Option, LLC, sole member of Cal Hearthstone PBLO GP, LLC, the general partner of Promenade -

Antioch, L.P., all actions, including, without limitation, signing, executing, acknowledging, certifying, attesting, delivering, accepting, recording and filing all documents, permits, certificates, instruments, maps/plats, conveyances, liens, deeds and other instruments, and paying all fees, taxes and other expenses or payments, as such Authorized Person, in his sole discretion, may determine to be necessary, appropriate or desirable and in the best interest of the Company in order to consummate the Transactions contemplated by, or otherwise to effect the purposes of, the foregoing recitals, such determination to be conclusively evidenced by the taking of any such action; and

RESOLVED, FURTHER, that all actions taken or performed up to the date hereof by the Authorized Person in respect to the preparation, execution and delivery of the documents, certificates, instruments, conveyances, deeds and other instruments deemed necessary, appropriate or desirable by such Authorized Person in order to fulfill the intent and accomplish the purposes of the Transactions contemplated by, or otherwise to effect the purposes of, the foregoing recitals be, and they hereby are, in all respects approved, ratified and confirmed; and

RESOLVED, FURTHER, that the attestation of the secretary of the Corporation and the impression of the corporate seal of the Corporation on any of the instruments executed in connection with the foregoing resolutions be and the same are hereby waived; and

RESOLVED, FURTHER, that the undersigned, the duly qualified and acting Secretary of the Corporation, hereby certifies that: (1) each of the Corporation, Hearthstone Professionals - CS, L.P., Cal Hearthstone Public Builder Lot Option, LLC, Cal Hearthstone PBLO GP, LLC, and the Company have been validly and duly created under the laws of their respective State of formation and that each is currently in good standing; (2) the foregoing is a true and correct copy of the Resolutions adopted by written Consent of the Director of the Corporation; (3) neither the Resolutions nor any action authorized pursuant thereto contravenes any provision of any instrument governing or relating to the affairs of the Corporation, Hearthstone Professionals - CS, L.P., Cal Hearthstone Public Builder Lot Option, LLC, Cal Hearthstone PBLO GP, LLC, and the Company; (4) the Resolutions were duly and validly adopted by written Consent of the Director of the Corporation and are now in full force and effect; and (5) the following named person is duly elected or appointed, qualified and serving officer of the Corporation, holding, as of the date hereof, the offices set forth below, and that the signature set out opposite the name of such officer is the genuine signature of such person:

<u>Name</u>

**Title** 

**Signature** 

Steven C. Porath

Senior Vice President – General Counsel and Secretary

RESOLVED, FURTHER, that the powers and duties herein prescribed be of continuing force and effect and all persons may rely on same until the Board of Directors of the Corporation shall by further resolution direct otherwise.

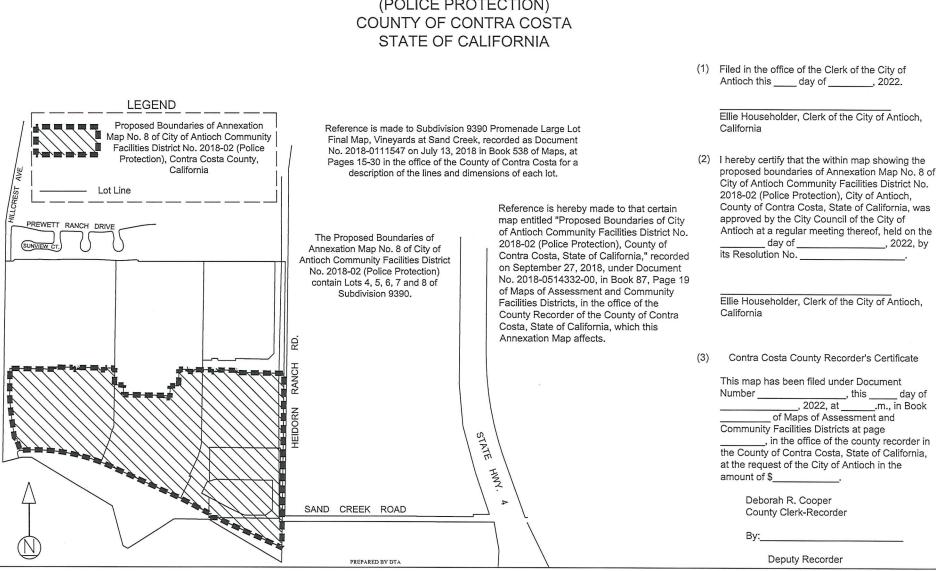
RESOLVED, FURTHER, a pdf copy of this document shall be as valid as the original signatures. This Agreement may be executed in one or more counterparts, all of which together shall constitute one and the same Agreement.

IN WITNESS WHEREOF, the undersigned has signed this Certificate as of June 16, 2022.

Steven C. Porath

Secretary

# ANNEXATION MAP NO. 8 OF CITY OF ANTIOCH COMMUNITY FACILITIES DISTRICT NO. 2018-02 (POLICE PROTECTION) COUNTY OF CONTRA COSTA STATE OF CALIFORNIA



SHEET 1 OF 1

# **ATTACHMENT "D"**

# RECORDED AT REQUEST OF:

City of Antioch Public Works Department Engineering & Development Services Division Attn: John Samuelson P.E. 200 "H" Street P.O. Box 5007 Antioch, CA 94531-5007

THIS SPACE FOR RECORDERS

**USE ONLY** 

(No fee for recording pursuant to Government Code §27383)

Amendment to the Notice of Special Tax Lien
(Notice of Annexation)
Annexation No. 8
City of Antioch
Community Facilities District No. 2018-02
(Police Protection)

ASSESSOR'S PARCEL NUMBERS: 057-030-17 & -21 & -39 057-180-001 to 057-180-111 057-190-001 to 057-190-092

City of Antioch County of Contra Costa State of California

**June 2022** 

# AMENDMENT TO THE NOTICE OF SPECIAL TAX LIEN (NOTICE OF ANNEXATION)

# ANNEXATION NO. 8

# CITY OF ANTIOCH COMMUNITY FACILITIES DISTRICT No. 2018-02 (POLICE PROTECTION)

Pursuant to the requirements of Section 3117.5 of the Streets and Highways Code and Section 53339.8 of the Government Code, the undersigned City Clerk of the City of Antioch, acting for and on behalf of the legislative body of the CITY OF ANTIOCH, COMMUNITY FACILITIES DISTRICT NO. 2018-02 (POLICE PROTECTION) (the "District"), COUNTY OF CONTRA COSTA, STATE OF CALIFORNIA, HEREBY GIVES NOTICE that a lien is hereby imposed to secure payment of a special tax which the City Council of the City of Antioch, County of Contra Costa, State of California, acting in its capacity as the legislative body of such Community Facilities District is authorized to annually levy for the following purpose:

To finance increased demand for Police Protection resulting from new development within the District.

The special tax is authorized to be levied on the property described in Exhibit A attached hereto (the "Annexed Property") which has been annexed to the District, which has now been officially formed, and the lien of the special tax is a continuing lien, which shall secure each annual levy of the special tax and which shall continue in force and effect until the special tax obligation is prepaid, permanently satisfied and cancelled in accordance with law or until the special tax ceases to be levied and an notice of cessation of special tax is recorded in accordance with Section 53330.5 of the Government Code.

The rate and method of apportionment of the authorized special tax is as shown on the attached, referenced and incorporated Exhibit B, and the special tax shall be collected in the same manner as ordinary *ad valorem* property taxes are collected and shall be subject to the same penalties and the same procedure, sale and lien priority in case of delinquency as is provided for *ad valorem* taxes; provided, however, as applicable, the legislative body of the District may, by resolution, establish and adopt an alternative or supplemental collection procedure as necessary.

Notice is further given that upon the recording of this notice in the office of the County Recorder, the obligation to pay the special tax levy shall become a lien upon the Annexed Property in accordance with Section 3115.5 of the Streets and Highways Code.

The name(s) of the owner(s) of the Annexed Property as he or she (they) appear(s) on the Preliminary Report No. 3409-6642961 issued by First American Title Company dated July 15, 2021 for the Annexed Property and Assessor's tax parcel



numbers of all parcels or any portion thereof which are included within the Annexed Property are as set forth on the attached, referenced and incorporated Exhibit C.

Reference is made to the following:

- 1. "Proposed Boundaries of City of Antioch Community Facilities District No. 2018-02 (Police Protection), County of Contra Costa, State of California", recorded on September 27, 2018 under Document No. 2018-0154332, in Book 87, Page 19 of Maps of Assessment and Community Facilities Districts, in the Office of the County Recorder of the County of Contra Costa, State of California.
- 2. "City of Antioch Community Facilities District No. 2018-02 (Police Protection), <u>Rate and Method of Apportionment of Special Tax</u>" attached as Exhibit B to Resolution No. 2018/113 adopted by the City of Antioch City Council on September 11, 2018.
- 3. "Notice of Special Tax Lien, City of Antioch, Community Facilities District No. 2018-02 (Police Protection) (County of Contra Costa)", recorded on November 07, 2018 under Document No. 2018-0181159, in the Office of the County Recorder of the County of Contra Costa, State of California.

For further information concerning the current and estimated future tax liability of owners or purchasers of real property subject to this special tax lien, interested persons should contact the following designated person:

Dated:	
Duted.	

ELIZABETH HOUSEHOLDER CITY CLERK OF THE CITY OF ANTIOCH

# EXHIBIT A

# CONSENT AND ELECTION TO ANNEX REAL PROPERTY TO AN EXISTING COMMUNITY FACILITIES DISTRICT

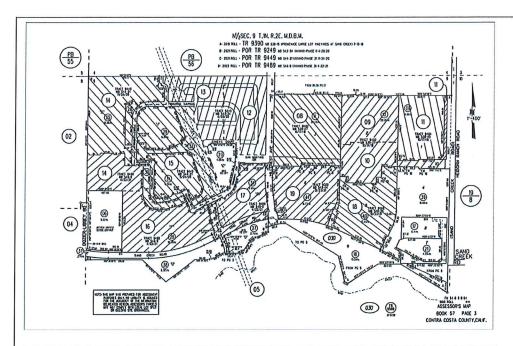
# CITY OF ANTIOCH COMMUNITY FACILITIES DISTRICT No. 2018-02 (POLICE PROTECTION)

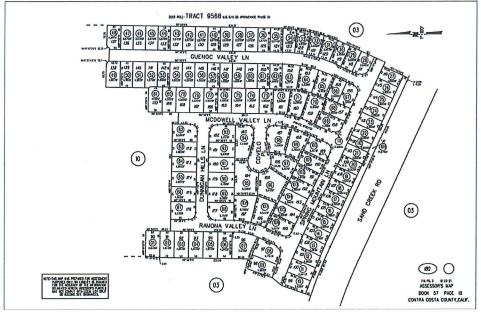
ANNEXATION No. 8

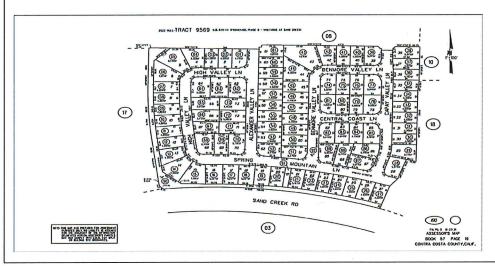
057-030-17 & -21 & -39 057-180-001 to 057-180-111 057-190-001 to 057-190-092

ASSESSOR'S PARCEL NUMBER(S)

CITY OF ANTIOCH
COMMUNITY FACILITIES DISTRICT NO. 2018-02
(POLICE PROTECTION)







## **EXHIBIT "B"**

# CITY OF ANTIOCH COMMUNITY FACILITIES DISTRICT NO. 2018-02 (POLICE PROTECTION)

# RATE AND METHOD OF APPORTIONMENT OF SPECIAL TAX

A Special Tax as hereinafter defined shall be levied on all Assessor's Parcels of Taxable Property in City of Antioch Community Facilities District No. 2018-02 (Police Protection) (County of Contra Costa) ("CFD No. 2018-02") and collected each Fiscal Year commencing in Fiscal Year 2018-19, in an amount determined by the Council through the application of the appropriate Special Tax for "Developed Property," as described below. All of the real property in CFD No. 2018-02, unless exempted by law or by the provisions hereof, shall be taxed for these purposes, to the extent and in the manner herein provided.

# A. <u>DEFINITIONS</u>

The terms hereinafter set forth have the following meanings:

"Act" means the Mello-Roos Community Facilities Act of 1982, as amended, being Chapter 2.5, Division 2 of Title 5 of the Government Code of the State of California.

"Administrative Expenses" means the following actual or reasonably estimated costs directly related to the administration of CFD No. 2018-02: the costs of computing the Special Taxes and preparing the annual Special Tax collection schedules (whether by the City or any designee thereof or both); the costs of collecting the Special Taxes (whether by the City or otherwise); the costs to the City, CFD No. 2018-02, or any designee thereof of complying with CFD No. 2018-02 or obligated persons disclosure requirements associated with the Act; the costs associated with preparing Special Tax disclosure statements and responding to public inquiries regarding the Special Taxes; the costs to the City, CFD No. 2018-02, or any designee thereof related to an appeal of the Special Tax; and the City's annual administration fees and third party expenses. Administrative Expenses shall also include amounts estimated or advanced by the City or CFD No. 2018-02 for any other administrative purposes of CFD No. 2018-02, including attorney's fees and other costs related to commencing and pursuing to completion any foreclosure of delinquent Special Taxes.

D6

- "Age-Restricted Residential Property" means all Assessor's Parcels of Developed Property which are identified and designated as Active Adult Senior Housing pursuant to City Municipal Code Section 9-5.203
- "Assessor's Parcel" means a lot or parcel shown on an Assessor's Parcel Map with an assigned Assessor's Parcel number.
- "Assessor's Parcel Map" means an official map of the Assessor of the County designating parcels by Assessor's Parcel number.
- "Authorized Services" means those services eligible to be funded by CFD No. 2018-02, as defined in the Resolution of Formation and authorized to be financed by CFD No. 2018-02 pursuant to Section 53313 and Section 53313.5 of the Act. CFD No. 2018-02 shall finance Authorized Services only to the extent that they are in addition to those provided in the territory of CFD No. 2018-02 before the CFD was created and such Authorized Services may not supplant services already available within CFD No. 2018-02 when the CFD was created.
- "CFD Administrator" means an official of the City or CFD No. 2018-02, or any designee thereof, responsible for determining the Special Tax Requirement and providing for the levy and collection of the Special Taxes.
- "CFD No. 2018-02" means City of Antioch Community Facilities District No. 2018-02 (Police Protection) (County of Contra Costa).
- "City" means the City of Antioch.
- "City Manager" means the City Manager of the City of Antioch.
- "Council" means the City Council of the City of Antioch, acting as the legislative body of CFD No. 2018-02.
- "County" means the County of Contra Costa.
- "Developed Property" means, for each Fiscal Year, all Assessor's Parcels for which a Building Permit was issued after January 1, 2018 and on or before May 1 of the Fiscal Year preceding the Fiscal Year for which the Special Taxes are being levied.
- "Dwelling Unit" means a building or portion thereof designed for and occupied in whole or part as a residence or sleeping place, either permanently or temporarily, by one (1) family and its guests, with sanitary facilities and one (1) kitchen provided within the unit. Boarding or lodging houses, dormitories, and hotels shall not be defined as Dwelling Units unless the land use permit specifies a residential use.
- "Fiscal Year" means the period starting July 1 and ending on the following June 30.

City of Antioch
Community Facilities District No. 2018-02 (Police Protection)

July 9, 2018
Page 2



- "Land Use Class" means any of the classes listed in Table 1.
- "Maximum Special Tax" means, for each Fiscal Year, the maximum Special Tax, determined in accordance with Section C, below, that can be levied on any Assessor's Parcel.
- "Multi-Family Residential Property" means, all Assessor's Parcels of Developed Property for which a Building Permit has been issued for purposes of constructing a residential structure consisting of more than two (2) Dwelling Units, including, but not limited to, triplexes, condominiums, and apartment units.
- "Property Owner Association Property" means, for each Fiscal Year, any Assessor's Parcel within the boundaries of CFD No. 2018-02 that is owned by or irrevocably offered for dedication to a property owner association, including any master or sub-association, not including any such property that is located directly under a residential or non-residential structure.
- "Proportionately" means that the ratio of the actual annual Special Tax levy to the Maximum Special Tax is equal for all Assessor's Parcels of Developed Property.
- "Public Property" means, for each Fiscal Year, (i) any property within the boundaries of CFD No. 2018-02 that is owned by or irrevocably offered for dedication to the federal government, the State, the City, or any other public agency; provided however that any property leased by a public agency to a private entity and subject to taxation under Section 53340.1 of the Act, as such section may be amended or replaced, shall be taxed and classified in accordance with its use; or (ii) any property within the boundaries of CFD No. 2018-02 that is encumbered by an unmanned utility easement making impractical its utilization for other than the purpose set forth in the easement.
- "Rate and Method of Apportionment" or "RMA" means this Rate and Method of Apportionment of Special Tax.
- "Residential Property" means, for each Fiscal Year, all Assessor's Parcels of Developed Property for which a Building Permit was issued after January 1, 2018 and on or before May 1 of the Fiscal Year preceding the Fiscal Year for which the Special Taxes are being levied, for purposes of constructing one (1) or more residential Dwelling Units.
- "Resolution of Formation" means the resolution adopted by the Council pursuant to Section 53325.1 of the Act, establishing CFD No. 2018-02.
- "San Francisco Urban Consumer Price Index" means, for each Fiscal Year, the Consumer Price Index published by the U.S. Bureau of Labor Statistics for All Urban Consumers in the San Francisco - Oakland - San Jose Area, measured as of the month of December in the calendar year that ends in the previous Fiscal Year. In the event this index ceases to be published, the Consumer Price Index shall be another index as determined by the CFD

City of Antioch July 9, 2018 Page 3



Administrator that is reasonably comparable to the Consumer Price Index for the San Francisco – Oakland – San Jose Area.

"Services" means those services authorized to be financed by CFD No. 2018-02 pursuant to Section 53313 and Section 53313.5 of the Act. CFD No. 2018-02 shall finance Services only to the extent that they are in addition to those provided in the territory of CFD No. 2018-02 before such CFD was created and such Services may not supplant services already available within CFD No. 2018-02 when such CFD was created.

"Single Family Residential Property" means all Assessor's Parcels of Developed Property for which a Building Permit has been issued for purposes of constructing one single-family residential Dwelling Unit.

"Special Tax" or "Special Taxes" means the special tax to be levied in each Fiscal Year on each Assessor's Parcel of Developed Property to fund the Special Tax Requirement.

"Special Tax Requirement" means that amount to be collected in any Fiscal Year for CFD No. 2018-02 to pay for certain costs as required to meet the needs of CFD No. 2018-02 in that Fiscal Year. The costs to be covered shall be the direct costs for (i) Authorized Services, and (ii) Administrative Expenses; less (iii) a credit for funds available to reduce the annual Special Tax levy, if any, as determined by the CFD Administrator. Under no circumstances shall the Special Tax Requirement include debt service payments for debt financings by CFD No. 2018-02.

"State" means the State of California.

"Taxable Property" means all of the Assessor's Parcels within the boundaries of CFD No. 2018-02 which are not exempt from the Special Tax pursuant to law or Section E below.

"Undeveloped Property" means, for each Fiscal Year, all property not classified as Developed Property, Property Owner Association Property, or Public Property.

# B. ASSIGNMENT TO LAND USE CATEGORIES

Each Fiscal Year, all Assessor's Parcels, as applicable within CFD No. 2018-02, shall be classified by the CFD Administrator as Developed Property, Undeveloped Property, Property Owner Association Property, or Public Property, and shall be subject to annual Special Taxes in accordance with this Rate and Method of Apportionment as determined by the CFD Administrator pursuant to Sections C and D below. The CFD Administrator's allocation of property to each type of Land Use Class shall be conclusive and binding. However, only Developed Property shall be subject to annual Special Taxes in accordance with the Rate and Method of Apportionment as determined pursuant to Sections C and D below. All Developed Property shall be assigned to Land Use Classes 1, 2, or 3 as listed in Table 1.

City of Antioch
Community Facilities District No. 2018-02 (Police Protection)

July



# C. MAXIMUM SPECIAL TAX RATE

# 1. Developed Property

# a. <u>Maximum Special Tax</u>

The Maximum Special Tax for Fiscal Year 2018-19 for Developed Property is shown below. Under no circumstances shall a Special Tax be levied on additions to Dwelling Units which have been categorized in prior Fiscal Years as Developed Property.

# TABLE 1

# Maximum Special Taxes for Developed Property For Fiscal Year 2018-19 Community Facilities District No. 2018-02

Table 1: Residential Property		
Land Use Class	Police Protection Services Special Tax	FY 2018-2019 Maximum Tax
1	Single Family Residential Property	\$473.93
2	Multi-Family Residential Property	\$300.16
3	Age-Restricted Residential Property	\$236.97

# b. Increase in the Maximum Special Tax

On each July 1, commencing on July 1, 2019, the Maximum Special Tax for Developed Property shall be increased annually by the greater of the change in the San Francisco Urban Consumer Price Index (during the twelve (12) months prior to December of the previous Fiscal Year) or two percent (2.00%), with a maximum annual increase of four (4.00%) percent for any given Fiscal Year.

# 2. Undeveloped Property

No Special Taxes shall be levied on Undeveloped Property.

# 3. Prepayment of Special Tax

No prepayment of the Special Tax shall be permitted in CFD No. 2018-02.

D10

# D. METHOD OF APPORTIONMENT OF THE SPECIAL TAX

Commencing with Fiscal Year 2018-19 and for each following Fiscal Year, the Council shall levy the annual Special Tax Proportionately for each Assessor's Parcel of Developed Property at up to 100% of the applicable Maximum Special Tax, until the amount of Special Taxes equals the Special Tax Requirement.

# E. EXEMPTIONS

In addition to Undeveloped Property being exempt from annual Special Taxes, no Special Tax shall be levied on Public Property or Property Owner Association Property. However, should an Assessor's Parcel no longer be classified as Public Property or Property Owner Association Property, such Assessor's Parcel shall, upon each reclassification, no longer be exempt from Special Taxes.

# F. APPEALS AND INTERPRETATIONS

Any landowner or resident may file a written appeal of the Special Tax on his/her property with the CFD Administrator, provided that the appellant is current in his/her payments of Special Taxes. During the pendency of an appeal, all Special Taxes previously levied must be paid on or before the payment date established when the levy was made. The appeal must specify the reasons why the appellant claims the Special Tax is in error. The CFD Administrator shall review the appeal, meet with the appellant if the CFD Administrator deems necessary, and advise the appellant of its determination. If the CFD Administrator agrees with the appellant, the CFD Administrator shall eliminate or reduce the Special Tax on the appellant's property and/or provide a refund to the appellant. If the CFD Administrator disagrees with the appellant and the appellant is dissatisfied with the determination, the appellant then has thirty (30) days in which to appeal to the City Council by filing a written notice of appeal with the clerk of the City, provided that the appellant is current in his/her payments of Special Taxes. The second appeal must specify the reasons for the appellant's disagreement with the CFD Administrator's determination. The CFD Administrator may charge the appellant a reasonable fee for processing the appeal.

The City may interpret this Rate and Method of Apportionment for purposes of clarifying any ambiguity and make determinations relative to the annual administration of the Special Tax and any landowner or resident appeals. Any decision of the City will be final and binding as to all persons.



City of Antioch Community Facilities District No. 2018-02 (Police Protection)

# G. MANNER OF COLLECTION

The annual Special Tax shall be collected in the same manner and at the same time as ordinary *ad valorem* property taxes; provided, however, that CFD No. 2018-02 may directly bill the Special Tax, may collect Special Taxes at a different time or in a different manner if necessary to meet its financial obligations, and may covenant to foreclose and may actually foreclose on delinquent Assessor's Parcels as permitted by the Act.

# H. FUTURE ANNEXATIONS

It is anticipated that additional properties will be annexed to CFD No. 2018-02 from time to time. As each annexation is proposed, an analysis may be prepared to determine the annual cost for providing Authorized Services to such parcels. Based on this analysis, any parcels to be annexed, pursuant to California Government Code Section 53339 *et seq.* will be assigned the approximate Maximum Special Tax rates when annexed.

# I. TERM OF SPECIAL TAX

The Special Tax shall be levied in perpetuity as necessary to meet the Special Tax Requirement, unless no longer required to pay for Authorized Services as determined at the sole discretion of the Council.

 $\frac{18}{27}$   $\sqrt{2}$ 

# **EXHIBIT C**

# Property in City of Antioch Community Facilities District No. 2018-02 (Police Protection)

# **Annexation No. 8**

The property in the City of Antioch Community Facilities District No. 2018-02 (POLICE PROTECTION) Annexation No. 8 (County of Contra Costa) (State of California) is owned and identified as shown below:

**Owner** 

Assessor's Parcel Numbers

Promenade Antioch LP

057-030-17 & -21 &-39 057-180-001 to 057-180-111 057-190-001 to 057-190-092



# STAFF REPORT TO THE CITY COUNCIL

DATE:

Regular Meeting of June 28, 2022

TO:

Honorable Mayor and Members of the City Council

SUBMITTED BY:

Phil Hoffmeister, Administrative Analyst I

**APPROVED BY:** 

John Samuelson, Public Works Director/City Engineer

SUBJECT:

Public Hearing to Confirm and Levy of Annual Assessments for

Street Light and Landscape Maintenance Districts 1, 2A, 4, 5, 9,

and 10 for Fiscal Year 2022/2023 (PW 500)

# RECOMMENDED ACTION

It is recommended that the City Council adopt a resolution ordering improvements and levying annual assessments for Street Light and Landscape Maintenance Districts 1, 2A, 4, 5, 9, and 10 for Fiscal Year 2022/2023.

# FISCAL IMPACT

Adoption of the Engineer's Report provides Street Light and Landscape Maintenance District assessments totaling approximately \$2,195,676 for maintenance in defined areas of the City. Failure to adopt some or all of the report would result in the loss of significant funding for that maintenance.

# DISCUSSION

At the June 14, 2022 meeting, the City Council accepted the Fiscal Year ("FY") 2022/23 (FY 22/23) Consolidated Street Light and Landscape Maintenance District (SLLMD) Engineer's Report and set June 28, 2022 as the date for the public hearing for the Ordering of Improvements and Levy of Assessments for Street Light and Landscape Maintenance Districts for FY 2022/23.

This year's recommended Engineer's Report is consistent with the City Council's prior direction. An estimated fund balance of \$746,491 will be utilized to reduce impacts on the General Fund. Once the cost of administering the obligations of the SLMMD are addressed, the remaining funds will be attributed to landscaping of arterial medians and parks in that order.

Note that under enabling legislation (Landscape and Lighting Act of 1972), the City is not required to show a General Fund contribution in the Engineer's Report. However, General Fund contributions are displayed at the City Council's request which was first

articulated in FY 2000/01. The practice has continued at budget study sessions per City Council direction.

The Contra Costa County Auditor's Office submittal deadline is August 10, 2022. A discussion on how to apply or use General Fund contributions is not required to ratify the report and approve the attached resolution for the levy of assessments.

# **ATTACHMENTS**

- A. Resolution
- B. SLLMD Engineer's Report as presented June 14, 2022

# ATTACHMENT "A"

# **RESOLUTION NO. 2022/\*\***

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH ORDERING IMPROVEMENTS AND LEVYING ANNUAL ASSESSMENTS FOR STREET LIGHT AND LANDSCAPE MAINTENANCE DISTRICTS 1 – HILLCREST; 2A – ANTIOCH/CITY WIDE; 4 – DOWNTOWN; 5 – ALMONDRIDGE; 9 – LONE TREE WAY; AND 10 – EAST LONE TREE WAY FOR THE 2022/2023 FISCAL YEAR (P.W. 500)

WHEREAS, on February 8, 2022 the City Council directed the City Engineer to prepare a consolidated report for the various street-light and landscape maintenance districts as specified in the report;

WHEREAS, the improvements in the consolidated report are generally described as follows: maintaining and servicing public landscaping including roadside and medians on arterial, collector and local streets, cul-de-sacs, landscaped trails and open space, and maintaining and servicing weed abatement for publicly-owned open space parcels;

**WHEREAS,** on June 14, 2022, the City Council adopted Resolution 2022/100, accepting the consolidated report prepared by the City Engineer and setting a public hearing for June 28, 2022;

**WHEREAS,** at the time and place for which notice was given, the City Council conducted a public hearing, and gave every interested person an opportunity to make oral statements or to submit written protests regarding the proceedings; and

**WHEREAS**, the City Council considered all staff reports, oral statements, engineer reports, written protests and comments that were submitted.

**NOW, THEREFORE, BE IT RESOLVED** by the City Council of the City of Antioch as follows:

- 1. The foregoing recitals are true and correct and hereby incorporated by reference.
- 2. The City Council confirms the report, diagram and assessments contained in the Engineer's Report, which is attached and incorporated as Exhibit 1 to this Resolution.
- 3. The City Council finds that no majority protest was made as to any zone to receive an assessment.
- 4. The City Council finds that the Engineer, in the report, has fairly and properly apportioned the cost of improvements of each parcel of land in the assessment districts and zones in proportion to the estimated special benefits to be received by each parcel, respectively, from the improvements, and that the proportionate special



**RESOLUTION NO. 2021/\*\*** 

June 28, 2022 Page 2

benefit derived by each identified parcel has been determined in relationship to the entirety of the capital or maintenance cost of the public improvements or services being provided.

5. The City Council hereby confirms and levies, as modified, each individual assessment as stated in the report.

I HEREBY CERTIFY that the foregoing resolution was adopted by the City Council of the City of Antioch at a regular meeting thereof held on the 28<sup>th</sup> day of June, 2022 by the following vote:

AYES:

NOES:

**ABSTAIN:** 

**ABSENT:** 

ELIZABETH HOUSEHOLDER
CITY CLERK OF THE CITY OF ANTIOCH

# **ATTACHMENT "B"**



# CITY OF ANTIOCH CONTRA COSTA COUNTY, CALIFORNIA

CONSOLIDATED ENGINEER'S REPORT
FOR THE
CITY OF ANTIOCH
STREET LIGHT AND LANDSCAPE MAINTENANCE
DISTRICT NUMBERS 1, 2A, 4, 5, 9, AND 10
AND THE
LEVY OF THE ANNUAL ASSESSMENT
FOR THE 2022/23 FISCAL YEAR

City of Antioch

May 27, 2022

Prepared by City of Antioch

Director of Public Works/City Engineer John Samuelson, P.E.

Philip Hoffmeister, Administrative Analyst II

## STREET LIGHT AND LANDSCAPE MAINTENANCE DISTRICT NUMBERS 1, 2A, 4, 5, 9, AND 10 (Pursuant to the Landscaping and Lighting Act of 1972 and Proposition 218)

The undersigned respectfully supplies in the undersigned respectfully supplies	the
City Council.	
② C67734 <sup>2</sup> 第	
Dated 6/18/22 Exp. 6/30/23 B	N COMMON TO SERVICE AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE P
John Samuelson DE	_
License Expires 6/30/23	
I HEREBY CERTIFY that the enclosed Engineer's Report, together with Assessment and Assessment Diagram thereto attached, was filed with me on the Middle of	
and Assessment Diagram thereto attached, was filed with me on the 4th day of	
Ro. Mistre Place	
Elizabeth Householder, City Clerk City of Antioch	
Contra Costa County, California	
I HEREBY CERTIFY that the enclosed Engineer's Report, together with Assessment and Assessment Diagram thereto attached, was approved and confirmed by the City Council of the City of Antioch, California on the day of, 2022.	
Fliggle 44 Harris I alder O'the Olad	
Elizabeth Householder, City Clerk City of Antioch	
Contra Costa County, California	
I HEREBY CERTIFY that the enclosed Engineer's Report, together with Assessment	
and Assessment Diagram thereto attached, was filed with the County Auditor of the	
County of Contra Costa, California on the day of, 2022.	
Elizabeth Householder, City Clerk	
City of Antioch	
Contra Costa County, California	

## **TABLE OF CONTENTS**

l.	<u>INTR</u>	ODUCTION	1
	A.	Preamble	1
	B.	Enabling Legislation	2
	C. <u>C</u>	onsolidated Engineer's Report	2
II.	ASSE	ESSMENT DIAGRAM	3
	A.	Assessment Districts	3
	B.	Zone Boundaries	3
III.	DESC	CRIPTION OF IMPROVEMENTS	4
IV.	cos	T ESTIMATES	5
V.	ASSE	ESSMENT METHODS. 4	ļ1
VI.	<u>SUMI</u>	MARY OF ASSESSMENTS	1
VII.	ASSE	ESSMENT ROLL	1

## I. INTRODUCTION

## A. <u>Preamble</u>

In March 2001, Council considered a "reorganized" Street Light and Landscape Maintenance District (SLLMD) that would have created a single citywide District, subdivided into multiple benefit zones. In accordance with Proposition 218, ballots were sent to property owners for their approval/disapproval of that reorganized district. The result of that election was a majority "No" vote defeating the proposal. At its meeting on June 26, 2001, Council voted to approve the "Existing Light and Landscape Maintenance District", and that assessments could be levied only up to the "base assessments" for each parcel as recorded in Fiscal Year (FY) 2000-2001, (Resolution 2001/63). Since June 2001, new districts and zones have been formed that established a base rate plus an inflationary adjustment equal to the San Francisco Consumer Price Index (CPI) increase for the preceding twelve-month period.

As indicated in previous Engineer's Reports, most districts and zones did not collect sufficient assessments to finance estimated maintenance costs. Shortfalls were covered by contributions by the City General Fund. In FY 2003-04 Staff presented Council options for increasing assessments to their maximum base rates to reduce those shortfalls. In June 2003, Council decided to increase assessments to their respective maximum base assessments over a 3-year period. The final increment was approved by Council for FY 2005-06; however, some shortfalls remain. Those shortfalls continue to be shown as paid by a contribution from the General Fund.

This Annual Consolidated Street Light and Landscape Maintenance Districts Engineer's Report continues with Council direction and presents maintenance costs for the existing lighting and landscaping districts and zones and assessments.

## B. Enabling Legislation

Prior to November 1996, the City of Antioch Street Light and Landscape Maintenance Districts were governed only by the Landscaping and Lighting Act of 1972 (Streets and Highways Code Section 22500, and following), which allows a municipality or other local public agency to establish a special assessment district to raise funds for installing, maintaining and servicing public lighting, landscaping, park and recreational facilities. The revenue to pay for these improvements came from special assessments levied on the land benefiting from the improvements. The local legislative body set the assessment each year after receiving an Engineer's Report and holding a public hearing. The assessments were collected as a separately stated item on the county tax bill.

During that period, the City Council took five basic steps to levy the assessment:

- Adopt a Resolution Directing Filing of Annual Engineer's Report
- Preliminarily Approve the Engineer's Report
- Adopt a Resolution of Intention to Order Improvements
- Conduct a Public Hearing
- Adopt a Resolution Confirming the Diagram and Assessment and Levying the Annual Assessment

BY

A certified copy of the Engineer's Report and a computer data tape containing the assessment roll were then submitted to the Contra Costa County Auditor for collection of the approved assessments.

With the passage of Proposition 218 in November of 1996, additional actions were required to impose new, or increase existing, assessments. Proposition 218 also exempted "Any assessment imposed pursuant to a petition signed by persons owning all of the parcels subject to the assessment at the time the assessment is initially imposed." For the City of Antioch, the City Attorney has determined that the base amount of assessment that was in effect at the time a new development petitioned for annexation into the district is excluded from the provisions of Proposition 218.

## C. Consolidated Engineer's Report

This Consolidated Engineer's Report recommends an assessment for parcels within each of the six Districts in the City of Antioch that are subject to an assessment, up to the base amount. The recommended assessments are based on estimates of the benefits to be received by each assessable parcel for District landscaping and recreational improvements. The benefit estimates are used to apportion costs to each assessable parcel, up to the maximum amount each parcel may be assessed without exceeding the base amount.

The 1972 Act does not specify a method or formula for apportioning costs. The assessment may be apportioned by any formula or method that fairly distributes the costs among all assessable lots or parcels.

This report summarizes the proposed assessment methods and the resulting assessments recommended. The report includes the following:

- Assessment Diagram
- Description of Improvements
- Estimate of Operation and Maintenance Costs for FY 2021/2022
- Description of Assessment Methodology
- Summary of Recommended Assessments
- Assessment Roll

## II. <u>ASSESSMENT DIAGRAM</u>

## A. Assessment Districts

This Consolidated Engineer's Report covers each of the six Street Lighting and Landscape Maintenance Districts within the City of Antioch. Collectively, these six Districts encompass the entire area of the City that benefits from the improvements to be maintained. The Number and common name of each District is listed below:

TABLE 1
DISTRICT NUMBERS AND COMMON NAMES

District Number	Common Name
1	Hillcrest Avenue
2A	Antioch or City-wide
4	Downtown
5	Almondridge
9	Lone Tree Way
10	East Lone Tree Way

District boundaries are depicted on the Assessment Diagram on file with the City of Antioch. The Assessment Diagram shows District boundaries, benefit zone boundaries, and City streets. For a description of lines and dimensions of each lot or parcel within the District, the reader is referred to the Assessor's parcel maps on file at the County Assessor's office. The Assessor's parcel maps are incorporated by reference into the Assessment Diagram. The Assessor's parcel number is adopted as the distinctive designation of each lot or parcel.

## B. Zone Boundaries

The Districts are subdivided into one or more benefit zones. These benefit zones indicate areas within which parcels of similar use receive approximately equivalent benefits from District improvements. The dividing lines between benefit zones coincide with major arterial streets or other major facilities (i.e. canal, freeway). Refer to the Assessment Diagram for a description of the zone boundaries.

## III. DESCRIPTION OF IMPROVEMENTS

This Section describes the public improvements to be installed, operated, serviced and maintained by the District.

District improvements are generally described as operating, servicing, maintaining, repairing and replacing the following: public landscaping, including improvements for standard City of Antioch cul-de-sacs; public medians, rights-of-way and park sites; weed abatement for publicly owned open space parcels.

PARKS: The cost of contract maintenance and/or City work for maintenance of the neighborhood and community parks listed in Table 2. Park improvements to be maintained include, but are not limited to, tot lots, picnic facilities, landscaping and lighting, and the cost of utilities serving the park.

LOCAL LANDSCAPING: Includes the costs of pruning, irrigation, maintenance planting, debris removal and clean up along the City's trails, cul-de-sac bulbs, and local and collector streets. It also includes both contract and City work associated with weed abatement and the maintenance of firebreaks. Localized landscaping

Blo

improvements including planters, trees in the public right-of-way, sound walls and entry signs are also maintained under this class of improvement.

MAJOR MEDIAN AND ROADSIDE LANDSCAPING: Includes the costs of pruning, irrigation, maintenance planting, debris removal and clean up along the City's arterial roadway system. Roadways included in this system are A Street, Buchanan Road, Contra Loma Boulevard, Dallas Ranch Road, Davison Drive, Deer Valley Road, Delta Fair Boulevard, East Eighteenth Street, Hillcrest Avenue, James Donlon Boulevard, L Street, Laurel Avenue, Lone Tree Way, Prewett Ranch Road, Somersville Road, West Fourth Street, West Tenth Street, and Wilbur Avenue.

PROGRAM ADMINISTRATION: Includes the costs of acquiring and maintaining equipment necessary to operate the program and conduct maintenance activities and the work of management staff that provide program oversight, scheduling, budgeting and coordination for special work groups.

TABLE 2
NEIGHBORHOOD AND COMMUNITY PARKS

District	
Number	Common Name
1-1	Hillcrest Park
1-1	Nelson Ranch Park
	Country Manor Park
1-2	Deerfield Park
1-2	Knoll Park
	Prewett Community Park
1-4	Meadow Creek Park
	Contra Loma Estates Park
2A-1	Fairview Park
	Prosserville Park
2A-2	City Park
2A-3	Jacobsen Park
ZA-3	Meadowbrook Park
2A-4	Harbour Park
Z/ <del>\-4</del>	Mountaire Park
2A-5	Chichibu Park
	Canal Park
2A-6	Gentrytown Park
ZA-0	Mira Vista Park
	Village East Park
2A-7	Marchetti Park
2A-8	Antioch Community Park
ZA-0	Mira Vista Hills Park
2A-9	Eagleridge Park

B7

2A-10	Markley Creek Park		
4-1			
5-1	Almondridge Park		
9-1	Williamson Ranch Park		
9-1	Chaparral Park		
9-2	Diablo West Park		
9-3	Hansen Park		
9-3	Dallas Ranch Park		
9-4	Heidorn Park		
10			

## IV. <u>COST ESTIMATES</u>

Cost estimates for operating, maintaining, servicing, installing, repairing, replacing and upgrading lighting, landscaping, parks and recreational improvements are provided by the City of Antioch. Tables 3 through 22 present cost estimates for each benefit area.



Table 3						
COST ESTIMATE 2022/2023						
District 1, Zone 1 Hil	llcrest Avenue	District				
The following schedule shows the allocation of costs to be		ict/Zone (254-4541				
	=		Benefit Units			
r		1,6				
4	,	District	Assessments			
MAINTENANCE AND SERVICES:	Total Cost	Need	Applied			
Parks	\$213,598	\$213,598	\$0			
Arterial Medians and Roadside	\$45,911	\$45,911	\$0			
Local Landscaping, Trails, Open Space	\$369,419	\$196,492	\$172,927			
Administration	\$102,136	\$0	\$102,136			
Α						
SUBTOTAL:	\$731,064	\$456,001	\$275,063			
535 Parcels Assessed at \$216	per unit =		\$115,560			
413 Parcels Assessed at \$190	per unit =		\$78,470			
283 Parcels Assessed at \$165	per unit =		\$46,695			
207 Parcels Assessed at \$94	per unit =		\$19,458			
131 Parcels Assessed at \$64	per unit =		\$8,384			
112 Parcels Assessed at \$58	per unit =		\$6,496			
	<b>#075 000</b>					
TOTAL ASSESSED:	\$275,063					
Ending FY21/22 Fund Balance (Estimated):	\$39,122					
GENERAL FUND PORTION OF MAINTENANCE	COST:		\$416,879			

Parks: HillIcrest, Nelson Ranch

Arterial Landscaping: Hillcrest Avenue

Roadway Landscaping: Larkspur Drive, Wild Horse Road and cul-de-sac bulbs

Miscellaneous: Open space and trails



District 1, Zone 1 Base Assessment Allocation									
		Benefit		FY 21-22	FY22-23				
Sub'd	Tract	Units	Base Fee	Assmnt	Assessment				
California Terrace	7222	123	165	165	165				
Hillcrest Subd Un 1	5653	221	190	190	190				
Hillcrest Subd Un 2	6067	83	190	190	190				
Hillcrest Subd Un 3	6068	61	190	190	190				
Nelson Ranch I	6893	102	216	216	216				
Nelson Ranch II	8850	128	216	216	216				
Nelson Ranch III	8851	138	216	216	216				

58

58

58

58

58

58

275,063

1-1	Northwood Downs 3	6565	76	64	64	64
1-1	Ridgeview Un 1	6262	48	190	190	190
1-1	Ridgeview Un 2	6264	55	64	64	64
1-1	Viera Ranch 1-1	6855	172	94	94	94
1-1	Viera Ranch 1-2	7180	116	165	165	165
1-1	Viera Ranch 1-3	7181	69	216	216	216
1-1	Viera Ranch 2-1	6925	44	165	165	165
1-1	Viera Ranch 2-2	7219	49	216	216	216
1-1	Viera Ranch 2-3	7220	49	216	216	216
1-1	Viera Ranch 3	6943	35	94	94	94

1,681

81

31

6429

6564

Table 3A

Dist/Zone

1-1 1-1

1-1

1-1

1-1

1-1

1-1

1-1

1-1

Northwood Downs 1

Northwood Downs 2

Total:

Note: Values in the "FY 22-23 Assessment" column are for the forthcoming Fiscal Year. Assessments for the previous year (FY 21-22) are included for comparison.

Table 4						
COST ESTIMATE 2022/2023						
District 1, Zone 2 Hi	Ilcrest Avenue	District				
The following schedule shows the allocation of costs to be			2)			
		Base Rate I	Benefit Units			
		3,2	37			
		District	Assessments			
MAINTENANCE AND SERVICES:	Total Cost	Need	Applied			
Parks	\$302,255	\$302,255	\$0			
Arterial Medians and Roadside	\$148,024	\$148,024	\$0			
Local Landscaping, Trails, Open Space	\$362,850	\$68,945	\$293,905			
Administration	\$69,321	_ \$0	\$69,321			
SUBTOTAL:	\$882,450	\$519,224	\$363,226			
882 Parcels Assessed at \$216.00	nor unit -		¢100 510			
882 Parcels Assessed at \$216.00 88 Parcels Assessed at \$158.00			\$190,512 \$13,904			
1290 Parcels Assessed at \$130.00	per unit =		\$105,780			
53 Parcels Assessed at \$76.00	per unit =		\$4,028			
184 Parcels Assessed at \$69.00	per unit =		\$12,696			
52 Parcels Assessed at \$56.00	per unit =		\$2,912			
64 Parcels Assessed at \$151.20		В	\$9,676			
458 Parcels Assessed at \$42.00			\$19,236			
166 Parcels Assessed at \$27.00	per unit =		\$4,482			
TOTAL ASSESSED:	\$363,226					
	· · · · · · · · · · · · · · · · · · ·					
Ending FY21/22 Fund Balance (Estimated):	\$30,464					
GENERAL FUND PORTION OF MAINTENANCE	E COST:		\$488,760			

Parks: Country Manor, Deerfield Mini, Knoll, Prewett Water Park

Arterial Landscaping: Hillcrest Avenue, Lone Tree Way and Deer Valley Road Roadway Landscaping: Via Dora, Country Hills, Asilomar Drive and cul-de-sac bulbs

Miscellaneous: open space and trails



# Table 4A District 1, Zone 2 Base Assessment Allocation

			Benefit		FY21-22	FY22-23
Dist/Zone	Sub'd	Tract	Units	Base Fee	Assmnt	Assessment
1-2	Bear Ridge Un 1	7145	93	216	216	216
1-2	Bear Ridge Un 2	7251	79	216	216	216
1-2	Country Hills	6800	243	82	82	82
1-2	Country Manor Un 1	5891	69	69	69	69
1-2	Country Manor Condos	6657	233	82	82	82
1-2	Country Manor Un 2	6178	54	69	69	69
1-2	Country Manor Un 3	6179	61	69	69	69
1-2	Country Manor Un 4	6180	71	82	82	82
1-2	Country Manor Un 5	6181	18	82	82	82
1-2	Country Manor Un 6	6256	19	82	82	82
1-2	Country Manor Un 7R	6653	101	82	82	82
1-2	Deer Park Un 1	6899	204	42	42	42
1-2	Deer Park Un 4	7569	38	216	216	216
1-2	Deer Park Un 5	7847	38	216	216	216
1-2	Deer Park Un 6	7848	34	216	216	216
1-2	Deer Park Un 7	7281	35	216	216	216
1-2	Deerfield Un 1	6732	113	27	27	27
1-2	Deerfield Un 2	6733	53	27	27	27
1-2	Deerfield Un 3	6818	138	82	82	82
1-2	Deerfield Un 4	6817	150	82	82	82
1-2	Deerfield Un 5	6908	32	42	42	42
1-2	Deerfield Un 6	7283	53	76	76	76
1-2	Deerfield Un 7	7281	67	216	216	216
1-2	Deerfield Un 8	7286	60	216	216	216
1-2	Deerfield Un 9	7284	47	158	158	158
1-2	Deerfield Un 10	7285	52	56	56	56
1-2	Deerfield Un 11	7282	71	216	216	216
1-2	Hillcrest View Apts	=	64	151.20	151	151
1-2	Ho Property Un 1	7973	41	158	158	158
1-2	Ho Property Un 2	7974	65	216	216	216
1-2	Ho Property Un 8	8230	79	216	216	216
1-2	Ho Property Un 9	8231	80	216	216	216
1-2	Ho Property Un 10	8232	54	216	216	216
1-2	Parkside Un 1	6975	158	82	82	82
1-2	Parkside Un 2	7104	101	42	42	42
1-2	Shelbourne Un 1	7019	121	42	42	42
1-2	Shelbourne Un 2	7218	89	216	216	216
1-2	Sterling Gate Un 1	6616	76	82	82	82
1-2	Sterling Gate Un 2	6928	83	82	82	82

Total:

3237

363,226.80



#### Table 5 COST ESTIMATE -- 2022/2023 District 1. Zone 4 -- Hillcrest Avenue District The following schedule shows the allocation of costs to be spread to this District/Zone (254-4544) Base Rate Benefit Units 1,607 District Assessments MAINTENANCE AND SERVICES: **Total Cost** Need **Applied** \$38,825 \$38,825 \$0 Parks Arterial Medians and Roadside \$50,124 \$50,124 \$0 \$218,099 \$103,783 Local Landscaping, Trails, Open Space \$321,882 \$82,038 Administration \$82,038 \$0 SUBTOTAL: \$492,869 \$307,048 \$185,821 \$67,550 350 Parcels Assessed at \$193.00 per unit = 119 Parcels Assessed at \$167.00 per unit = \$19,873 Parcels Assessed at \$216.00 per unit = \$74,304 344 \$44.00 per unit = 117 Parcels Assessed at \$5,148 Parcels Assessed at \$8,550 \$38.00 per unit = 225 452 Parcels Assessed at \$23.00 per unit = \$10,396 \$185,821 TOTAL ASSESSED: \$20,707 Ending FY21/22 Fund Balance (Estimated):

## District/Zone Benefits:

Parks: Meadow Creek Estates

Arterial Landscaping: Hillcrest Avenue and Lone Tree Way

GENERAL FUND PORTION OF MAINTENANCE COST:

Roadway Landscaping: Laurel Road, Country Hills Drive and cul-de-sac bulbs

Miscellaneous: Open space and trails

73

\$286,341

Table 5A
District 1, Zone 4
Base Assessment Allocation

			Benefit		FY 21-22	FY22-23
Dist/Zone	Sub'd	Tract	Units	Base Fee	Assmnt	Assessment
1-4	Canada Hills Un 1	6898	147	23	23	23
1-4	Canada Hills Un 2	7130	99	23	23	23
1-4	Canada Hills Un 3	7341	111	38	38	38
1-4	Canada Hills Un 4	7458	47	193	193	193
1-4	Canada Hills Un 5	7761	40	193	193	193
1-4	Canada Hills Un 6	7460	81	193	193	193
1-4	Canada Hills Un 7	7459	122	193	193	193
1-4	Hidden Glen Un1	6909	89	23	23	23
1-4	Hidden Glen Un 2	7505	81	216	216	216
1-4	Hidden Glen Un 3	8387	75	216	216	216
1-4	Hidden Glen Un 4	8388	126	216	216	216
1-4	Meadow Crk Est. 1	6930	117	23	23	23
1-4	Meadow Crk Est. 2	7123	114	38	38	38
1-4	Meadow Crk Est. 3	7124	117	44	44	44
1-4	Meadow Crk Est. 4	7125	119	167	167	167
1-4	Meadow Crk Est. 5	7867	60	193	193	193
1-4	Viera Ranch 2-2	7219	18	216	216	216
1-4	Viera Ranch 2-3	7220	44	216	216	216
			1 007			405.004

Total: 1,607 185,821

Table 6						
COST ESTIMATE 2022/2023						
District 2A, Zone 1	Citywide Di	strict				
The following schedule shows the allocation of costs to b			61)			
	·		Benefit Units			
		C	)			
		District	Assessments			
MAINTENANCE AND SERVICES:	Total Cost	Need	Applied			
Parks	\$74,566	\$74,566	\$0			
Arterial Medians and Roadside	\$49,562	\$49,562	\$0			
Local Landscaping, Trails, Open Space	\$0	\$0	\$0			
Administration	\$0	\$0	\$0			
SUBTOTAL:	\$124,128	\$124,128	\$0			
TOTAL ASSESSED:			\$0			
Ending FY21/22 Fund Balance (Estimated):	\$0					
GENERAL FUND PORTION OF MAINTENANC	E COST:		\$124,128			

Parks: Contra Loma, Fairview, Prosserville

Arterial Somersville Road, L Street, Fourth Street, West Tenth Street Roadway Landscaping: Sycamore Drive, G Street and cul-de-sac bulbs

Miscellaneous: open space and trails



Table 7						
COST ESTIMATE 2022/2023						
District 2A, Zone 2 Citywide District						
The following schedule shows the allocation of costs to b	e spread to this Di	strict/Zone (256-45	62)			
		Base Rate B	Benefit Units			
/		С	)			
		District				
MAINTENANCE AND SERVICES:	Total Cost	Need	Assessed			
Parks	\$39,185	\$39,185	\$0			
Arterial Medians and Roadside	\$10,311	\$10,311	\$0			
Local Landscaping, Trails, Open Space	\$0	\$0	\$0			
Administration	\$0	\$0	\$0			
			40			
SUBTOTAL:	\$49,496	\$49,496	\$0			
			Φ0			
TOTAL ASSESSED:			\$0			
Ending FY21/22 Fund Balance (Estimated):		\$0				
GENERAL FUND PORTION OF MAINTENANC	CE COST:		\$49,496			

Parks: City Park Arterial: A Street

Roadway Landscaping: Merrill Drive, G Street and Cavallo Road roadside and cul-de-sac bulbs

Miscellaneous: open space and trails



#### Table 8 **COST ESTIMATE -- 2022/2023** District 2A, Zone 3 -- Citywide District The following schedule shows the allocation of costs to be spread to this District/Zone (256-4563) Base Rate Benefit Units 230 Assessments District **Total Cost** Need Applied MAINTENANCE AND SERVICES: \$32,877 Parks \$32,877 \$0 \$26,961 \$0 Arterial Medians and Roadside \$26,961 \$56,259 \$54,889 \$1,370 Local Landscaping, Trails, Open Space \$0 \$13,126 \$13,126 Administration \$114,727 \$14,496 SUBTOTAL: \$129,223 \$12,408 Parcels Assessed at \$66.00 per unit = \$792 Parcels Assessed at \$22 36 per unit = \$216 \$1,296 6 Parcels Assessed at per unit = \$14,496 TOTAL ASSESSED: Ending FY21/22 Fund Balance (Estimated): \$8,710

## District/Zone Benefits:

Parks: Jacobsen, Meadowbrook

Arterial: East 18th Street and Wilbur Avenue

Roadway Landscaping: Cavallo Road and cul-de-sac bulbs

GENERAL FUND PORTION OF MAINTENANCE COST:

Miscellaneous: open space and trails

BIT

\$106,017

	Table 8A						
		Distr	ict 2A, Zone	3			
		Base Ass	essment Allo	ocation			
			Benefit	-	FY 21-22	FY 21-22	
Dist/Zone	Sub'd	Tract	Units	Base Fee	Assmnt	Assessment	
2A-3	Lakeshore Apt.	6770	188	66	66	66	
2A-3	Terrace Gardens	5582	36	22	22	22	
2A-3	Bermuda Way	8848	-6	216	216	216	
	Total:		230			14,496	

BIS

#### Table 9 **COST ESTIMATE -- 2022/2023** District 2A, Zone 4 -- Citywide District The following schedule shows the allocation of costs to be spread to this District/Zone (256-4564) Base Rate Benefit Units 337 District Assessments MAINTENANCE AND SERVICES: **Total Cost** Need Applied \$100,925 \$0 \$100,925 Parks Arterial Medians and Roadside \$65,826 \$65,826 \$0 \$97,092 \$88,278 \$8,814 Local Landscaping, Trails, Open Space Administration \$4,102 \$0 \$4,102 \$267,945 \$255,029 \$12,916 SUBTOTAL: Parcels Assessed at \$60 \$10,260 171 per unit = Parcels Assessed at \$2,656 \$16 166 per unit = TOTAL ASSESSED: \$12,916 \$9,300 Ending FY21/22 Fund Balance (Estimated):

## District/Zone Benefits:

Parks: Harbour, Mountaire

Arterial: Lone Tree Way, Davison Drive and Hillcrest Avenue

GENERAL FUND PORTION OF MAINTENANCE COST:

Roadway Landscaping: Cul-de-sac bulbs Miscellaneous: open space and trails



\$245,729

Table 9A District 2A, Zone 4						
			sessment Allo			
			Benefit		FY 21-22	FY 21-22
Dist/Zone	Sub'd	Tract	Units	Base Fee	Assmnt	Assessment
2A-4	Hillcrest Estates	5494	54	60	60	60
2A-4	Hillcrest Estates Un 2	6184	53	60	60	60
2A-4	Brookside Estates	7155	166	16	16	16
2A-4	Shelbourne Un 3	7294	64	60	60	60

Total: 337 12,916



#### Table 10 **COST ESTIMATE -- 2022/2023** District 2A, Zone 5 -- Citywide District The following schedule shows the allocation of costs to be spread to this District/Zone (256-4565) Base Rate Benefit Units 13 District Assessments **Total Cost** Need **Applied** MAINTENANCE AND SERVICES: \$48,916 \$0 \$48,916 Parks \$0 \$68,761 \$68,761 Arterial Medians and Roadside \$0 Local Landscaping, Trails, Open Space \$84,451 \$84,451 \$19,279 \$17,787 \$1,492 Administration SUBTOTAL: \$221,407 \$219,915 \$1,492 Parcels Assessed at \$139 \$556 per unit = Parcels Assessed at \$104 \$936 per unit = \$1,492 TOTAL ASSESSED: Ending FY21/22 Fund Balance (Estimated): \$14,441 \$205,474 GENERAL FUND PORTION OF MAINTENANCE COST:

## District/Zone Benefits:

Parks: Chichibu

Arterial: Lone Tree Way, James Donlon Boulevard, Contra Loma Boulevard

Roadway Landscaping: Cul-de-sac bulbs Miscellaneous: open space and trails



Table 10A District 2A, Zone 5 Base Assessment Allocation						
			Benefit		FY 21-22	FY 22-23
Dist/Zone	Sub'd	Tract	Units	Base Fee	Assmnt	Assessment
2A-5	Wilhelm Sub'd	7121	4	139	139	139
2A-5 Wilhelm Sub'd 7412 9 104 104 104					104	
	Total:		13			1,492

Table 11						
COST ESTIMAT	ΓE 2022/202	23				
District 2A, Zone 6	District 2A, Zone 6 Citywide District					
The following schedule shows the allocation of costs to be	e spread to this Dist	trict/Zone (256-456	6)			
		Base Rate I	Benefit Units			
		27	74			
		District	Assessments			
MAINTENANCE AND SERVICES:	Total Cost	Need	Applied			
Parks	\$236,369	\$236,369	\$0			
Arterial Medians and Roadside	\$83,440	\$83,440	\$0			
Local Landscaping, Trails, Open Space	\$76,315	\$53,886	\$22,429			
Administration	\$6,153	\$0	\$6,153			
SUBTOTAL:	\$402,277	\$373,695	\$28,582			
			v			
148 Parcels Assessed at \$139	per unit =		\$20,572			
18 Parcels Assessed at \$103	per unit =		\$1,854			
108 Parcels Assessed at \$57	per unit =		\$6,156			
		а				
TOTAL ASSESSED:	\$28,582					
,						
Ending FY21/22 Fund Balance (Estimated):			\$11,023			
GENERAL FUND PORTION OF MAINTENANCE	E COST:		\$362,672			

Parks: Canal, Gentrytown, Mira Vista, Village East

Arterial: Somersville Road, Buchanan Road, James Donlon Boulevard, Contra Loma Boulevard

Roadway Landscaping: Putnam Street, Johnson Drive and Cul-de-sac bulbs

Miscellaneous: open space and trails



Table 11A						
		District 2A	A, Zone 6			
	Ba	se Assessm	nent Allocati	on		
			Benefit		FY 21-22	FY 22-23
Dist/Zone	Sub'd	Tract	Units	Base Fee	Assmnt	Assessment
2A-6	California Gables	7105	148	139	139	139
2A-6	Centennial Park	6812	108	57	57	57
2A-6 Mira Vista Un 11 7034 18 103 103 103					103	
	Total:		274			28,582

B24

Table 12					
COST ESTIMATE 2022/2023					
District 2A, Zone 7	Citywide D	istrict			
The following schedule shows the allocation of costs to b	e spread to this Di				
		Base Rate E	Benefit Units )		
		District	Assements		
MAINTENANCE AND SERVICES:	Total Cost	Need	Applied		
Parks	\$39,715	\$39,715	\$0		
Arterial Medians and Roadside	\$27,392	\$27,392	\$0		
Local Landscaping, Trails, Open Space	\$0	\$0	\$0		
Administration	\$0	\$0	\$0		
CURTOTAL	<b>007.407</b>	фод 407	0.0		
SUBTOTAL:	\$67,107	\$67,107	\$0		
TOTAL ASSESSED:	\$0				
Ending FY21/22 Fund Balance (Estimated):	\$0				
GENERAL FUND PORTION OF MAINTENANG	CE COST:		\$67,107		

Parks: Marchetti

Arterial: Somersville Road, Delta Fair Boulevard

Roadway Landscaping: None

Miscellaneous: open space and trails



#### Table 13 COST ESTIMATE -- 2022/2023 District 2A, Zone 8 -- Citywide District The following schedule shows the allocation of costs to be spread to this District/Zone (256-4568) Base Rate Benefit Units 426 Assessments District MAINTENANCE AND SERVICES: **Total Cost** Need **Applied** \$403,895 \$403,895 \$0 Parks Arterial Medians and Roadside \$49,890 \$49,890 \$0 \$89,361 \$44,002 Local Landscaping, Trails, Open Space \$133,363 \$30,764 Administration \$30,764 \$0 \$617,912 \$543,146 \$74,766 SUBTOTAL: \$56,376 261 Parcels Assessed at \$216.00 per unit = \$15,480 120 Parcels Assessed at \$129 per unit = \$590 Parcels Assessed at \$118 per unit = per unit = \$2,320 40 Parcels Assessed at \$58 TOTAL ASSESSED: \$74,766 \$25,267 Ending FY21/22 Fund Balance (Estimated): GENERAL FUND PORTION OF MAINTENANCE COST: \$517,879

## District/Zone Benefits:

Parks: Mira Vista Hills, Antioch Community Park

Arterial: James Donlon Boulevard Roadway Landscaping: Cul-de-sac bulbs Miscellaneous: open space and trails



	Table 13A						
		District 2	2A, Zone 8				
	В	ase Assess	ment Alloca	tion			
			Benefit		FY 21-22	FY22-23	
Dist/Zone	Sub'd	Tract	Units	Base Fee	Assmnt	Assessment	
2A-8	Mira Vista Hills	4420	5	118	118	118	
2A-8	Mira Vista Hills, Un 10	6472	78	129	129	129	
2A-8	Mira Vista Hills, Un 12	6744	40	58	58	58	
2A-8	Mira Vista Hills, Un 13	6708	95	216	216	216	
2A-8	Mira Vista Hills, Un 14	6824	42	129	129	129	
2A-8	Mira Vista Hills, Un 15	6920	79	216	216	216	
2A-8	Mira Vista Hills, Un 16	6921	87	216	216	216	
	Total:		426			74,766.00	

B27

#### Table 14 COST ESTIMATE -- 2022/2023 District 2A, Zone 9 -- Citywide District The following schedule shows the allocation of costs to be spread to this District/Zone (256-4569) Base Rate Benefit Units 1.379 District Assessments MAINTENANCE AND SERVICES: **Total Cost** Need Applied \$41,909 \$0 \$41,909 Parks \$89,843 \$0 Arterial Medians and Roadside \$89,843 \$82,990 \$87,279 \$170,269 Local Landscaping, Trails, Open Space Administration \$28,713 \$0 \$28,713 \$115,992 \$330,734 \$214,742 SUBTOTAL: Parcels Assessed at \$144 per unit = \$9,792 \$23,490 Parcels Assessed at 174 \$135 per unit = Parcels Assessed at \$47,736 \$108 per unit = 442 \$13,054 122 Parcels Assessed at \$107 per unit = \$74 \$2,516 Parcels Assessed at per unit = 34 \$19,404 Parcels Assessed at \$36 per unit = 539 \$115,992 TOTAL ASSESSED: \$20,389 Ending FY21/22 Fund Balance (Estimated): \$194,353 GENERAL FUND PORTION OF MAINTENANCE COST:

## District/Zone Benefits:

Parks: Eaglesridge

Arterial: Lone Tree Way, Deer Valley Road

Roadway Landscaping: Ridgerock Drive, Asilomar, Country Hills Drive and cul-de-sac bulbs

Miscellaneous: Open space and trails



Table 14A
District 2A, Zone 9
Base Assessment Allocation

			Benefit	Base	FY 21-22	FY22-23
Dist/Zone	Sub'd	Tract	Units	Assmnt	Assmnt	Assessment
2A-9	Eagles Ridge Un 1	5614	116	36	36	36
2A-9	Eagles Ridge Un 2	6162	151	36	36	36
2A-9	Eagles Ridge Un 3	6163	122	36	36	36
2A-9	Eagles Ridge Un 4	6164	150	36	36	36
2A-9	Deer Park Un 2	7290	68	144	144	144
2A-9	Deer Park Un 3	7291	94	135	135	135
2A-9	Lone Tree Est. Un 1	7079	122	107	107	107
2A-9	Lone Tree Est. Un 1A	7880	5	108	108	108
2A-9	Lone Tree Est. Un 2	7691	80	135	135	135
2A-9	Lone Tree Est. Un 3	7900	75	108	108	108
2A-9	Lone Tree Est. Un 4	8020	46	108	108	108
2A-9	Lone Tree Est. Un 5	8120	62	108	108	108
2A-9	Lone Tree Est. Un 6	8366	99	108	108	108
2A-9	Ho Sub'd, Un 3	7999	34	74	74	74
2A-9	Ho Sub'd, Un 4	8025	47	108	108	108
2A-9	Ho Sub'd, Un 5	8045	61	108	108	108
2A-9	Ho Sub'd, Un 6	8102	47	108	108	108

Total: 1,379 115,992



Table 15					
COST ESTIMATE 2022/2023					
District 2A, Zone 10 Cit					
The following schedule shows the allocation of costs to be spread to this	District/Zone (256		D ('' ) ] ''		
			Benefit Units 95		
MAINTENANCE AND SERVICES:	Total Cost	District Need	Assessments Applied		
Parks Arterial Medians and Roadside Local Landscaping, Trails, Open Space Channel Maintenance Administration	\$31,519 \$23,435 \$184,390 \$10,000 \$0	\$31,519 \$23,435 \$32,730 \$0 \$0	\$0 \$0 \$151,660 \$10,000 \$0		
SUBTOTAL:	\$249,344	\$87,684	\$161,660		
			,		
295 Parcels Assessed at \$548.00	per unit =		\$161,660		
TOTAL ASSESSED:			\$161,660		
Ending FY21/22 Fund Balance (Estimated): GENERAL FUND PORTION OF MAINTENANCE COST:			\$124,892 \$0		

Parks: Markley Creek

Arterial: James Donlan, Somersville Roadway Landscaping: cul-de-sac bulbs



Table 15A District 2A, Zone 10 Base Assessment Allocation							
			Danaga	Desa	FY 21-22	FY21-22	
			Benefit	Base	FY Z1-ZZ	FYZ1-22	
Dist/Zone	Sub'd	Tract	Units	Fee	Assmnt	Assesment	
2A-10	Black Diamond Ranch Un 1	7487	58	737.86	548	548	
2A-10	Black Diamond Ranch Un 2	8585	117	737.86	548	548	
2A-10	Black Diamond Ranch Un 3	8586	111	737.86	548	548	
2A-10	Black Diamond Ranch Un 4	9370	9	737.86	-	548	
	Total:		295			161,660	

# Table 16 COST ESTIMATE -- 2022/2023 District 4, Zone 1 -- Downtown District

The following schedule shows the allocation of costs to be spread to this District/Zone (252-4521)

The fellering seriodians strength and seriodians are seriodians.						
	Base Rate Benefit Units					
		0				
		District	Assessments			
MAINTENANCE AND SERVICES:	Total Cost	Need	Applied			
Parks	\$0	\$0	\$0			
Arterial Medians and Roadside	\$0	\$0	\$0			
Local Landscaping, Trails, Open Space	\$235,508	\$235,508	\$0			
Administration	\$3,281	\$3,281	\$0			
SUBTOTAL:	\$238,789	\$238,789	\$0			
	,	. ,				

TOTAL ASSESSED:

\$0

Ending FY21/22 Fund Balance (Estimated):
GENERAL FUND PORTION OF MAINTENANCE COST:

\$4,301 \$234,488

## District/Zone Benefits:

Roadway Landscaping: Waldie Plaza, Rivertown Promenade, public parking lots, A Street extension, train station



#### Table 17 COST ESTIMATE -- 2022/2023 District 5, Zone 1 -- Almondridge District The following schedule shows the allocation of costs to be spread to this District/Zone (253-4531) Base Rate Benefit Units 560 District Assessments Applied MAINTENANCE AND SERVICES: Total Cost Need \$0 \$66,761 \$66,761 Parks Arterial Medians and Roadside \$0 \$0 \$0 \$13,392 \$97,818 \$111,210 Local Landscaping, Trails, Open Space \$4,102 \$4,102 \$0 Administration \$182,073 \$80,153 \$101,920 SUBTOTAL:

## District/Zone Benefits:

TOTAL ASSESSED:

Parks: Almondridge

Arterial: None

Roadway Landscaping: Viera Avenue, Willow Avenue and cul-de-sac bulbs

GENERAL FUND PORTION OF MAINTENANCE COST:

560 Parcels Assessed at \$182.00 per unit =

Miscellaneous: open space and trails

Ending FY21/22 Fund Balance (Estimated):

\$101,920

\$101,920

\$66,911

\$13,242

Table 17A
District 5, Zone 1
Base Assessment Allocation

			Benefit		FY 21-22	FY22-23
Dist/Zone	Sub'd	Tract	Units	Base Fee	Assmnt	Assessment
5-1	Almondridge West	6621	25	190	182	182
5-1	Almondridge Un 1	6109	93	190	182	182
5-1	Almondridge Un 2	6454	35	190	182	182
5-1	Almondridge Un 3	6788	50	190	182	182
5-1	Almondridge Un 4	6869	52	190	182	182
5-1	Almondridge Un 5	7190	96	190	182	182
5-1	Almondridge Un 6	7411	48	190	182	182
5-1	Almondridge Un 9	7673	35	190	182	182
5-1	Almondridge Un 11	7901	25	190	182	182
5-1	Almondridge Un 12	8065	4	190	182	182
5-1	Oakley Knolls	8501	16	216	182	182
5-1	Almondridge East	8880	81	216	182	182

Total: 560 101,920

Table 40						
Table 18						
COST ESTIMATE 2022/2023						
District 9, Zone 1 -	- Lone Tree D	District				
The following schedule shows the allocation of costs to be			11)			
			Benefit Units			
		1,2	1,200			
		District	Assessments			
MAINTENANCE AND SERVICES:	Total Cost	Need	Applied			
Parks	\$69,905	\$69,905	\$0			
Arterial Medians and Roadside	\$54,840	\$54,840	\$0			
Local Landscaping, Trails, Open Space	\$29,449	\$125,521				
Administration	\$0	\$22,479				
	, ,					
SUBTOTAL:	\$148,000					
575 Parcels Assessed at \$140	575 Parcels Assessed at \$140 per unit =					
625 Parcels Assessed at \$108						
TOTAL ASSESSED:	\$148,000					
Ending FY21/22 Fund Balance (Estimated):	\$89,201					
GENERAL FUND PORTION OF MAINTENANG	\$64,993					

Parks: Chapparal, Williamson Ranch

Arterial: Hillcrest Avenue, Lone Tree Way, Deer Valley Road, Prewett Ranch

Roadway Landscaping: Lone Tree Way, Deer Valley Road, Dallas Ranch Road, Prewett Ranch Road

Miscellaneous: open space and trails

## Table 18A District 9, Zone 1 Base Assessment Allocation

			the same of the same			
			Benefit		FY 21-22	FY22-23
Dist/Zone	Sub'd	Tract	Units	Base Fee	Assmnt	Assessment
9-1	Diablo East Un 1	7121	177	108	108	108
9-1	Diablo East Un 2	7400	44	108	108	108
9-1	Diablo East Un 3	7401	21	140	140	140
9-1	Diablo East Un 4	8038	39	140	140	140
9-1	Diablo East Un 5	8052	39	140	140	140
9-1	Diablo East Un 6	8079	34	140	140	140
9-1	Diablo East Un 7	8122	52	140	140	140
9-1	Diablo East Un 8	8164	77	140	140	140
9-1	Diablo East Un 9	8191	71	140	140	140
9-1	Williamson Ranch 1	7114	20	108	108	108
9-1	Williamson Ranch 2	7258	166	108	108	108
9-1	Williamson Ranch 3	7587	86	108	108	108
9-1	Williamson Ranch 4	7606	93	108	108	108
9-1	Williamson Ranch 5	7618	39	108	108	108
9-1	Williamson Ranch 6	7619	75	140	140	140
9-1	Williamson Ranch 7	7620	82	140	140	140
9-1	Williamson Ranch 8	7826	85	140	140	140
A STATE OF THE STA			1.000			110.000

Total: 1,200 148,000

Table 19					
COST ESTIMATE 2022/2023					
District 9, Zone 2 Lor					
The following schedule shows the allocation of costs to be sp	read to this District/		2 (it 11-it-		
		And the second s	Benefit Units		
		2,0			
MAINTENIANCE AND CEDVICES	T-1-1-01	District	Assessments		
MAINTENANCE AND SERVICES:	Total Cost	Need	Applied		
Parks	\$32,298	\$32,298	\$0		
Medians and Roadside	\$65,738	\$65,738	\$0		
Local Landscaping, Trails, Open Space	\$347,720	\$238,913	\$108,807		
Administration	\$88,355	\$0	\$88,355		
CURTOTAL	011DT0TA1				
SUBTOTAL:	\$534,111	\$336,949	\$197,162		
229 Parcels Assessed at \$216.00	per unit =		\$49,464		
1149 Parcels Assessed at \$93.00	per unit =		\$106,857		
29 Parcels Assessed at \$88.00	29 Parcels Assessed at \$88.00 per unit =				
45 Parcels Assessed at \$83.00	per unit =		\$3,735		
38 Parcels Assessed at \$216.00	per unit =		\$8,208		
460 Parcels Assessed at \$51.00	per unit =		\$23,460		
74 Parcels Assessed at \$39.00	per unit =		\$2,886		
TOTAL ASSESSED:	\$197,162				
Ending FY21/22 Fund Balance (Estimated):	\$38,701				
GENERAL FUND PORTION OF MAINTENANCE C	\$298,248				

Parks: Diablo West

Arterial: Lone Tree Way, Deer Valley Road, Dallas Ranch Road, Prewett Ranch Road

Roadway Landscaping: Lone Tree Way, Deer Valley Road, Dallas Ranch Road, Prewett Ranch Road

Miscellaneous: open space and trails

837

Table 19A District 9, Zone 2 Base Assessment Allocation

Distrizone							
9-2         Black Dia. Knolls 1         7201         29         51         51         51           9-2         Black Dia. Knolls 2         7498         45         51         51         51           9-2         Black Dia. Knolls 3         7554         28         51         51         51           9-2         Black Dia. Knolls 4         7592         36         51         51         51           9-2         Black Dia. Knolls 6         7593         24         51         51         51           9-2         Black Dia. Knolls 6         7593         24         51         51         51           9-2         Black Dia. Knolls 8         7825         26         83         83         83           9-2         Black Dia. Knolls 8         7825         26         83         83         83           9-2         Black Dia. Knolls 10         7824         29         88         88         88           9-2         Black Dia. Knolls 11         7500         48         93         93         93           9-2         Black Dia. Knolls 13         7822         32         93         93         93           9-2         Black Dia. Knolls 13				Benefit		FY 21-22	FY21-22
9-2         Black Dia, Knolls 2         7498         45         51         51         51           9-2         Black Dia, Knolls 3         7554         28         51         51         51           9-2         Black Dia, Knolls 4         7592         36         51         51         51           9-2         Black Dia, Knolls 5         7499         64         51         51         51           9-2         Black Dia, Knolls 6         7593         24         51         51         51           9-2         Black Dia, Knolls 7         7594         31         93         93         93           9-2         Black Dia, Knolls 8         7825         26         83         83         83           9-2         Black Dia, Knolls 9         8008         19         83         83         83           9-2         Black Dia, Knolls 10         7824         29         88         88         88           9-2         Black Dia, Knolls 11         7500         48         93         93         93           9-2         Black Dia, Knolls 13         7822         32         93         93         93           9-2         Black Dia, Knolls 13	Dist/Zone	Sub'd					
9-2         Black Dia. Knolls 3         7554         28         51         51         51           9-2         Black Dia. Knolls 4         7592         36         51         51         51           9-2         Black Dia. Knolls 6         7593         24         51         51         51           9-2         Black Dia. Knolls 7         7594         31         93         93         93           9-2         Black Dia. Knolls 8         7825         26         83         83         83           9-2         Black Dia. Knolls 9         8008         19         83         83         83           9-2         Black Dia. Knolls 10         7824         29         88         88         88           9-2         Black Dia. Knolls 11         7500         48         93         93         93           9-2         Black Dia. Knolls 11         7500         48         93         93         93           9-2         Black Dia. Knolls 13         7822         32         93         93         93           9-2         Black Dia. Knolls 13         7822         32         93         93         93           9-2         Black Dia. Knolls 14			7201				
9-2         Black Dia. Knolls 4         7592         36         51         51         51           9-2         Black Dia. Knolls 5         7499         64         51         51         51           9-2         Black Dia. Knolls 6         7593         24         51         51         51           9-2         Black Dia. Knolls 7         7594         31         93         93         93           9-2         Black Dia. Knolls 8         7825         26         83         83         83           9-2         Black Dia. Knolls 10         7824         29         88         88         88           9-2         Black Dia. Knolls 11         7500         48         93         93         93           9-2         Black Dia. Knolls 11         7500         48         93         93         93           9-2         Black Dia. Knolls 11         7500         48         93         93         93           9-2         Black Dia. Knolls 13         7822         32         93         93         93           9-2         Black Dia. Knolls 14         8110         43         93         93         93           9-2         Black Dia. Knolls 14						State of the Control	
9-2         Black Dia. Knolls 5         7499         64         51         51         51           9-2         Black Dia. Knolls 6         7593         24         51         51         51           9-2         Black Dia. Knolls 7         7594         31         93         93         93           9-2         Black Dia. Knolls 8         7825         26         83         83         83           9-2         Black Dia. Knolls 10         7824         29         88         88         88           9-2         Black Dia. Knolls 11         7500         48         93         93         93           9-2         Black Dia. Knolls 12         7823         26         93         93         93           9-2         Black Dia. Knolls 12         7823         26         93         93         93           9-2         Black Dia. Knolls 13         7822         32         93         93         93           9-2         Black Dia. Knolls 14         8110         43         93         93         93           9-2         Black Dia. Knolls 15         8181         53         93         93         93           9-2         Black Dia. Knolls 17					The second secon		
9-2 Black Dia. Knolls 6 7593 24 51 51 51 9-2 Black Dia. Knolls 7 7594 31 93 93 93 9-2 Black Dia. Knolls 8 7825 26 83 83 83 9-2 Black Dia. Knolls 9 8008 19 83 83 83 9-2 Black Dia. Knolls 10 7824 29 88 88 88 9-2 Black Dia. Knolls 11 7500 48 93 93 93 9-2 Black Dia. Knolls 11 7500 48 93 93 93 9-2 Black Dia. Knolls 12 7823 26 93 93 93 9-2 Black Dia. Knolls 13 7822 32 93 93 93 9-2 Black Dia. Knolls 14 8110 43 93 93 93 9-2 Black Dia. Knolls 15 8181 53 93 93 93 9-2 Black Dia. Knolls 16 8182 42 93 93 93 9-2 Black Dia. Knolls 17 8183 45 93 93 93 9-2 Black Dia. Knolls 17 8183 45 93 93 93 9-2 Black Dia. Knolls 17 8183 45 93 93 93 9-2 Black Dia. Knolls 18 8324 56 93 93 93 9-2 Black Dia. Knolls 18 8324 56 93 93 93 9-2 Black Dia. Knolls 18 8324 56 93 93 93 9-2 Black Dia. Knolls 20 8326 64 93 93 93 9-2 Black Dia. Knolls 20 8326 64 93 93 93 9-2 Black Dia. Knolls 21 8466 49 216 216 216 9-2 Black Dia. Knolls 23 8525 27 216 216 216 9-2 Black Dia. Knolls 23 8525 27 216 216 216 9-2 Black Dia. Knolls 23 8525 27 216 216 216 9-2 Black Dia. Knolls 23 8525 27 216 216 216 9-2 Black Dia. Knolls 23 8525 27 216 216 216 9-2 Black Dia. Knolls 24 8526 89 216 216 216 9-2 Diablo West Un 1 7128 74 39 39 39 9-2 Diablo West Un 3 7616 115 51 51 9-2 Diablo West Un 3 7616 115 51 51 9-2 Diablo West Un 4 8243 71 93 93 93 9-2 Diablo West Un 5 8244 56 93 93 93 9-2 Diablo West Un 6 8245 81 93 93 93 9-2 Diablo West Un 7 8312 99 93 93 9-2 Diablo West Un 9 8314 106 93 93 93	9-2	Black Dia. Knolls 4		36			
9-2 Black Dia. Knolls 7 7594 31 93 93 93 93 93 94 9-2 Black Dia. Knolls 8 7825 26 83 83 83 83 83 83 9-2 Black Dia. Knolls 9 8008 19 83 83 83 83 83 9-2 Black Dia. Knolls 10 7824 29 88 88 88 88 9-2 Black Dia. Knolls 11 7500 48 93 93 93 93 93 93 94 9-2 Black Dia. Knolls 12 7823 26 93 93 93 93 93 94 9-2 Black Dia. Knolls 13 7822 32 93 93 93 93 93 94 9-2 Black Dia. Knolls 14 8110 43 93 93 93 93 93 94 9-2 Black Dia. Knolls 16 8182 42 93 93 93 93 94 9-2 Black Dia. Knolls 16 8182 42 93 93 93 93 94 9-2 Black Dia. Knolls 17 8183 45 93 93 93 93 93 94 9-2 Black Dia. Knolls 18 8324 56 93 93 93 93 93 94 9-2 Black Dia. Knolls 19 8325 89 93 93 93 93 93 94 9-2 Black Dia. Knolls 19 8325 89 93 93 93 93 94 9-2 Black Dia. Knolls 20 8326 64 93 93 93 93 94 9-2 Black Dia. Knolls 21 8466 49 216 216 216 216 9-2 Black Dia. Knolls 22 8467 64 216 216 216 216 9-2 Black Dia. Knolls 23 8525 27 216 216 216 216 9-2 Black Dia. Knolls 24 8526 89 216 216 216 9-2 Black Dia. Knolls 25 8528 38 216 216 216 9-2 Diablo West Un 1 7128 74 39 39 39 39 99 9-2 Diablo West Un 1 7128 74 39 39 39 93 93 94 9-2 Diablo West Un 4 8243 71 93 93 93 93 94 9-2 Diablo West Un 5 8244 56 93 93 93 93 93 94 9-2 Diablo West Un 6 8245 81 93 93 93 93 93 94 9-2 Diablo West Un 7 8312 99 93 93 93 93 94 9-2 Diablo West Un 7 8312 99 93 93 93 93 94 9-2 Diablo West Un 7 8312 99 93 93 93 93 94 9-2 Diablo West Un 8 8313 46 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 94 9-2 Diablo West Un 9 8314 106 93 93 93 93 93 94 9-2 Diablo West Un 9 8314 1	9-2	Black Dia. Knolls 5		64			
9-2 Black Dia. Knolls 8 7825 26 83 83 83 83 9-2 Black Dia. Knolls 9 8008 19 83 83 83 83 9-2 Black Dia. Knolls 10 7824 29 88 88 88 88 9-2 Black Dia. Knolls 11 7500 48 93 93 93 93 93 93 9-2 Black Dia. Knolls 12 7823 26 93 93 93 93 93 9-2 Black Dia. Knolls 14 8110 43 93 93 93 93 93 9-2 Black Dia. Knolls 15 8181 53 93 93 93 93 93 9-2 Black Dia. Knolls 16 8182 42 93 93 93 93 93 93 9-2 Black Dia. Knolls 17 8183 45 93 93 93 93 93 93 9-2 Black Dia. Knolls 18 8324 56 93 93 93 93 93 93 9-2 Black Dia. Knolls 18 8324 56 93 93 93 93 93 93 9-2 Black Dia. Knolls 18 8324 56 93 93 93 93 93 9-2 Black Dia. Knolls 19 8325 89 93 93 93 93 93 9-2 Black Dia. Knolls 20 8326 64 93 93 93 93 93 9-2 Black Dia. Knolls 21 8466 49 216 216 216 216 9-2 Black Dia. Knolls 23 8525 27 216 216 216 216 9-2 Black Dia. Knolls 23 8525 27 216 216 216 9-2 Black Dia. Knolls 24 8526 89 216 216 216 9-2 Black Dia. Knolls 25 8528 38 216 216 216 9-2 Black Dia. Knolls 27 8469 119 51 51 51 9-2 Diablo West Un 1 7128 74 39 39 39 39 9-2 Diablo West Un 2 7469 119 51 51 51 51 9-2 Diablo West Un 2 7469 119 51 51 51 51 9-2 Diablo West Un 3 7616 115 51 51 51 51 9-2 Diablo West Un 4 8243 71 93 93 93 93 93 93 9-2 Diablo West Un 6 8245 81 93 93 93 93 93 93 9-2 Diablo West Un 7 8312 99 93 93 93 93 93 93 93 93 93 93 93 93	9-2	Black Dia. Knolls 6					
9-2         Black Dia. Knolls 10         7824         29         88         88         88           9-2         Black Dia. Knolls 11         7500         48         93         93         93           9-2         Black Dia. Knolls 11         7500         48         93         93         93           9-2         Black Dia. Knolls 12         7823         26         93         93         93           9-2         Black Dia. Knolls 13         7822         32         93         93         93           9-2         Black Dia. Knolls 14         8110         43         93         93         93           9-2         Black Dia. Knolls 15         8181         53         93         93         93           9-2         Black Dia. Knolls 16         8182         42         93         93         93           9-2         Black Dia. Knolls 17         8183         45         93         93         93           9-2         Black Dia. Knolls 18         8324         56         93         93         93           9-2         Black Dia. Knolls 20         8326         64         93         93         93           9-2         Black Dia. Knolls 21 </td <td>9-2</td> <td>Black Dia. Knolls 7</td> <td></td> <td>31</td> <td></td> <td></td> <td></td>	9-2	Black Dia. Knolls 7		31			
9-2         Black Dia. Knolls 10         7824         29         88         88         93	9-2						
9-2 Black Dia. Knolls 11 7500 48 93 93 93 93 93 93 93 93 93 93 93 93 93	9-2	Black Dia. Knolls 9					
9-2 Black Dia. Knolls 12 7823 26 93 93 93 93 93 93 93 93 93 93 93 93 93		Black Dia. Knolls 10					
9-2 Black Dia. Knolls 13 7822 32 93 93 93 93 93 93 93 93 93 93 93 93 93	9-2	Black Dia. Knolls 11					
9-2 Black Dia. Knolls 14 8110 43 93 93 93 93 93 93 93 93 93 93 93 93 93	9-2	Black Dia. Knolls 12			Contract of the Contract of th		
9-2 Black Dia. Knolls 15 8181 53 93 93 93 93 93 93 93 93 93 93 93 93 93	9-2	Black Dia. Knolls 13	7822				
9-2         Black Dia. Knolls 16         8182         42         93         93         93           9-2         Black Dia. Knolls 17         8183         45         93         93         93           9-2         Black Dia. Knolls 18         8324         56         93         93         93           9-2         Black Dia. Knolls 19         8325         89         93         93         93           9-2         Black Dia. Knolls 20         8326         64         93         93         93           9-2         Black Dia. Knolls 21         8466         49         216         216         216           9-2         Black Dia. Knolls 21         8466         49         216         216         216           9-2         Black Dia. Knolls 23         8525         27         216         216         216           9-2         Black Dia. Knolls 24         8526         89         216         216         216           9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Diab		Black Dia. Knolls 14					
9-2 Black Dia. Knolls 17 8183 45 93 93 93 93 93 93 94 95 95 95 95 95 95 95 95 95 95 95 95 95	9-2	Black Dia. Knolls 15					
9-2         Black Dia. Knolls 18         8324         56         93         93         93           9-2         Black Dia. Knolls 19         8325         89         93         93         93           9-2         Black Dia. Knolls 20         8326         64         93         93         93           9-2         Black Dia. Knolls 21         8466         49         216         216         216           9-2         Black Dia. Knolls 22         8467         64         216         216         216           9-2         Black Dia. Knolls 23         8525         27         216         216         216           9-2         Black Dia. Knolls 23         8525         27         216         216         216           9-2         Black Dia. Knolls 24         8526         89         216         216         216           9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Diablo West Un 1         7128         74         39         39         39           9-2         Diablo West Un 3         7616         115         51         51         51           9-2         Diablo West		Black Dia. Knolls 16					
9-2         Black Dia. Knolls 19         8325         89         93         93         93           9-2         Black Dia. Knolls 20         8326         64         93         93         93           9-2         Black Dia. Knolls 21         8466         49         216         216         216           9-2         Black Dia. Knolls 22         8467         64         216         216         216           9-2         Black Dia. Knolls 23         8525         27         216         216         216           9-2         Black Dia. Knolls 24         8526         89         216         216         216           9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Diablo West Un 1         7128         74         39         39         39           9-2         Diablo West Un 2         7469         119         51         51         51           9-2         Diablo W		Black Dia. Knolls 17					
9-2 Black Dia. Knolls 20 8326 64 93 93 93 9-2 Black Dia. Knolls 21 8466 49 216 216 216 9-2 Black Dia. Knolls 22 8467 64 216 216 216 9-2 Black Dia. Knolls 23 8525 27 216 216 216 9-2 Black Dia. Knolls 24 8526 89 216 216 216 9-2 Black Dia. Knolls 25 8528 38 216 216 216 9-2 Diablo West Un 1 7128 74 39 39 39 9-2 Diablo West Un 2 7469 119 51 51 51 9-2 Diablo West Un 3 7616 115 51 51 51 9-2 Diablo West Un 4 8243 71 93 93 93 9-2 Diablo West Un 5 8244 56 93 93 93 9-2 Diablo West Un 6 8245 81 93 93 93 9-2 Diablo West Un 7 8312 99 93 93 93 9-2 Diablo West Un 8 8313 46 93 93 93 9-2 Diablo West Un 9 8314 106 93 93 93 9-2 Diablo West Un 9 8314 106 93 93 93 9-2 Lone Tree Glen 7275 161 93 93 93	9-2	Black Dia. Knolls 18	8324	56			
9-2         Black Dia. Knolls 21         8466         49         216         216         216           9-2         Black Dia. Knolls 22         8467         64         216         216         216           9-2         Black Dia. Knolls 23         8525         27         216         216         216           9-2         Black Dia. Knolls 24         8526         89         216         216         216           9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Black Dia. Knolls 24         8526         89         216         216         216           9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Diablo West Un 1         7128         74         39         39         39           9-2         Diablo West Un 3         7616         115         51         51         51           9-2         Diablo West Un 4         8243         71         93         93         93           9-2         Diablo We	9-2	Black Dia. Knolls 19					
9-2         Black Dia. Knolls 22         8467         64         216         216         216           9-2         Black Dia. Knolls 23         8525         27         216         216         216           9-2         Black Dia. Knolls 24         8526         89         216         216         216           9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Diablo West Un 1         7128         74         39         39         39           9-2         Diablo West Un 2         7469         119         51         51         51           9-2         Diablo West Un 3         7616         115         51         51         51           9-2         Diablo West Un 4         8243         71         93         93         93           9-2         Diablo West Un 5         8244         56         93         93         93           9-2         Diablo West Un 6         8245         81         93         93         93           9-2         Diablo West Un 7         8312         99         93         93         93           9-2         Diablo West Un 8         83			8326				
9-2         Black Dia. Knolls 23         8525         27         216         216         216           9-2         Black Dia. Knolls 24         8526         89         216         216         216           9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Diablo West Un 1         7128         74         39         39         39           9-2         Diablo West Un 2         7469         119         51         51         51           9-2         Diablo West Un 3         7616         115         51         51         51           9-2         Diablo West Un 4         8243         71         93         93         93           9-2         Diablo West Un 5         8244         56         93         93         93           9-2         Diablo West Un 6         8245         81         93         93         93           9-2         Diablo West Un 7         8312         99         93         93         93           9-2         Diablo West Un 8         8313         46         93         93         93           9-2         Diablo West Un 9         8314		Black Dia. Knolls 21					
9-2         Black Dia. Knolls 24         8526         89         216         216         216           9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Diablo West Un 1         7128         74         39         39         39           9-2         Diablo West Un 2         7469         119         51         51         51           9-2         Diablo West Un 3         7616         115         51         51         51           9-2         Diablo West Un 4         8243         71         93         93         93           9-2         Diablo West Un 5         8244         56         93         93         93           9-2         Diablo West Un 6         8245         81         93         93         93           9-2         Diablo West Un 7         8312         99         93         93         93           9-2         Diablo West Un 8         8313         46         93         93         93           9-2         Diablo West Un 9         8314         106         93         93         93           9-2         Diablo West Un 9         8314	9-2	Black Dia. Knolls 22	-				
9-2         Black Dia. Knolls 25         8528         38         216         216         216           9-2         Diablo West Un 1         7128         74         39         39         39           9-2         Diablo West Un 2         7469         119         51         51         51           9-2         Diablo West Un 3         7616         115         51         51         51           9-2         Diablo West Un 4         8243         71         93         93         93           9-2         Diablo West Un 5         8244         56         93         93         93           9-2         Diablo West Un 6         8245         81         93         93         93           9-2         Diablo West Un 7         8312         99         93         93         93           9-2         Diablo West Un 8         8313         46         93         93         93           9-2         Diablo West Un 9         8314         106         93         93         93           9-2         Diablo West Un 9         8314         106         93         93         93           9-2         Diablo West Un 9         8314 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
9-2         Diablo West Un 1         7128         74         39         39         39           9-2         Diablo West Un 2         7469         119         51         51         51           9-2         Diablo West Un 3         7616         115         51         51         51           9-2         Diablo West Un 4         8243         71         93         93         93           9-2         Diablo West Un 5         8244         56         93         93         93           9-2         Diablo West Un 6         8245         81         93         93         93           9-2         Diablo West Un 7         8312         99         93         93         93           9-2         Diablo West Un 8         8313         46         93         93         93           9-2         Diablo West Un 9         8314         106         93         93         93           9-2         Diablo West Un 9         8314         106         93         93         93           9-2         Diablo Tree Glen         7275         161         93         93         93	9-2	Black Dia. Knolls 24			Contract to the Contract of th		
9-2     Diablo West Un 2     7469     119     51     51     51       9-2     Diablo West Un 3     7616     115     51     51     51       9-2     Diablo West Un 4     8243     71     93     93     93       9-2     Diablo West Un 5     8244     56     93     93     93       9-2     Diablo West Un 6     8245     81     93     93     93       9-2     Diablo West Un 7     8312     99     93     93     93       9-2     Diablo West Un 8     8313     46     93     93     93       9-2     Diablo West Un 9     8314     106     93     93     93       9-2     Lone Tree Glen     7275     161     93     93     93							
9-2     Diablo West Un 3     7616     115     51     51     51       9-2     Diablo West Un 4     8243     71     93     93     93       9-2     Diablo West Un 5     8244     56     93     93     93       9-2     Diablo West Un 6     8245     81     93     93     93       9-2     Diablo West Un 7     8312     99     93     93     93       9-2     Diablo West Un 8     8313     46     93     93     93       9-2     Diablo West Un 9     8314     106     93     93     93       9-2     Lone Tree Glen     7275     161     93     93     93	9-2	Diablo West Un 1		74			
9-2     Diablo West Un 4     8243     71     93     93     93       9-2     Diablo West Un 5     8244     56     93     93     93       9-2     Diablo West Un 6     8245     81     93     93     93       9-2     Diablo West Un 7     8312     99     93     93     93       9-2     Diablo West Un 8     8313     46     93     93     93       9-2     Diablo West Un 9     8314     106     93     93     93       9-2     Lone Tree Glen     7275     161     93     93     93	9-2	Diablo West Un 2					
9-2     Diablo West Un 5     8244     56     93     93     93       9-2     Diablo West Un 6     8245     81     93     93     93       9-2     Diablo West Un 7     8312     99     93     93     93       9-2     Diablo West Un 8     8313     46     93     93     93       9-2     Diablo West Un 9     8314     106     93     93     93       9-2     Lone Tree Glen     7275     161     93     93     93	9-2	Diablo West Un 3					The second secon
9-2     Diablo West Un 6     8245     81     93     93     93       9-2     Diablo West Un 7     8312     99     93     93     93       9-2     Diablo West Un 8     8313     46     93     93     93       9-2     Diablo West Un 9     8314     106     93     93     93       9-2     Lone Tree Glen     7275     161     93     93     93	9-2	Diablo West Un 4					
9-2     Diablo West Un 7     8312     99     93     93     93       9-2     Diablo West Un 8     8313     46     93     93     93       9-2     Diablo West Un 9     8314     106     93     93     93       9-2     Lone Tree Glen     7275     161     93     93     93	9-2	Diablo West Un 5					
9-2     Diablo West Un 8     8313     46     93     93     93       9-2     Diablo West Un 9     8314     106     93     93     93       9-2     Lone Tree Glen     7275     161     93     93     93	9-2	Diablo West Un 6	8245				
9-2     Diablo West Un 9     8314     106     93     93     93       9-2     Lone Tree Glen     7275     161     93     93     93	9-2	Diablo West Un 7	8312				93
9-2 Lone Tree Glen 7275 161 93 93 93	9-2	Diablo West Un 8	8313				
C Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	9-2	Diablo West Un 9	8314	106	93		
T . I 0.004 107.100	9-2	Lone Tree Glen	7275	the state of the s	93	93	

Total: 2,024 197,162



Table 20								
COST ESTIMATE 2022/2023								
District 9, Zone 3 Lor								
The following schedule shows the allocation of costs to be spr								
The following schedule shows the allocation of costs to be spi	ead to this District/2		Benefit Units					
		1,9						
		District	Assessments					
MAINTENANCE AND SERVICES:	Total Cost	Need	Applied					
Parks	\$77,630	\$77,630	\$0					
Arterial Medians and Roadside	\$36,048	\$36,048	\$0					
Local Landscaping, Trails, Open Space	\$309,328	\$172,743	\$136,585					
Administration	\$79,084	\$0	\$79,084					
SUBTOTAL:	\$502,090	\$286,421	\$215,669					
129 Parcels Assessed at \$216.00	per unit =		\$27,864					
	per unit =		\$119,540					
519 Parcels Assessed at \$95.00			\$49,305					
	per unit =		\$11,160					
25 Parcels Assessed at \$216.00	The second secon		\$5,400					
	per unit =		\$2,400					
	•		7					
TOTAL ASSESSED:	\$215,669							
Ending FY21/22 Fund Balance (Estimated)	\$46,073							
GENERAL FUND PORTION OF MAINTENANCE C		\$240,348						

#### District/Zone Benefits:

Parks: Hansen and Dallas Ranch Park Arterial: Lone Tree Way, Dallas Ranch Road

Roadway Landscaping: Prewett Ranch Road, Golf Course Road, Frederickson Lane and cul-de-sac bulbs

Miscellaneous: Open space and trails



## Table 20A District 9, Zone 3 Base Assessment Allocation

		1	Benefit		FY 21-22	FY22-23
Dist/Zone	Sub'd	Tract	Units	Base Fee	Assmnt	Assessment
9-3	Black Dia. Est. Un 1	7515	31	95	95	95
9-3	Black Dia. Est. Un 2	7644	41	139	139	139
9-3	Black Dia. Est. Un 3	8064	54	139	139	139
9-3	Black Dia. Est. Un 4	8194	64	139	139	139
9-3	Black Dia. Est. Un 5	8076	55	139	139	139
9-3	Black Dia. Est. Un 6	8317	56	139	139	139
9-3	Black Dia. Est. Un 7	8318	73	139	139	139
9-3	Black Dia. Est. Un 8	8319	47	216	216	216
9-3	Black Dia. Est. Un 9	8320	49	216	216	216
9-3	Black Dia. Est. Un 10	8472	33	216	216	216
9-3	Black Dia. Est. Un 11	8567	25	216	216	216
9-3	Dallas Ranch Un 1	7380	58	95	95	95
9-3	Dallas Ranch Un 2	7859	50	95	95	95
9-3	Dallas Ranch Un 3	7860	34	95	95	95
9-3	Dallas Ranch Un 4	7198	138	95	95	95
9-3	Dallas Ranch Un 5	7376	122	95	95	95
9-3	Dallas Ranch Un 6	7966	45	95	95	95
9-3	Dallas Ranch Un 7	7377	187	139	139	139
9-3	Dallas Ranch Un 8	7378	54	139	139	139
9-3	Dallas Ranch Un 9	8107	34	139	139	139
9-3	Dallas Ranch Un 10	8108	63	139	139	139
9-3	Dallas Ranch Un 11	8109	120	93	93	93
9-3	Diamond Ridge Un 1	7317	179	8	8	8
9-3	Diamond Ridge Un 2	7536	86	8	8	8
9-3	Diamond Ridge Un 3	7537	41	95	95	95
9-3	Diamond Ridge Un 4	7627	35	8	8	8
9-3	Sandhill I	8247	75	139	139	139
9-3	Sandhill II	8410	104	139	139	139

Total: 1,953 215,669



#### Table 21 COST ESTIMATE -- 2022/2023 District 9, Zone 4 -- Lone Tree Way District The following schedule shows the allocation of costs to be spread to this District/Zone (251-4514) Base Rate Benefit Units 435 Assessments District MAINTENANCE AND SERVICES: **Total Cost** Need Applied \$23,295 **Parks** \$23,295 \$0 Arterial Medians and Roadside \$20,542 \$20,542 \$0 Local Landscaping, Trails, Open Space \$81,820 \$9,797 \$72,023 \$4,102 \$0 \$4,102 Administration SUBTOTAL: \$129,759 \$53,634 \$76,125 435 Parcels Assessed at \$175.00 per unit = \$76,125 TOTAL ASSESSED: \$76,125 \$56,650 Ending FY21/22 Fund Balance (Estimated): GENERAL FUND PORTION OF MAINTENANCE COST: \$0

#### District/Zone Benefits:

Park: Heidorn

Arterial: Lone Tree Way, Hillcrest Avenue

Roadway Landscaping: Vista Grande Drive and cul-de-sac bulbs

Miscellaneous: Open space and trails



	Table 21A District 9, Zone 4										
	Ва		ment Alloca	tion							
1											
			Benefit		FY 21-22	FY22-23					
Dist/Zone	Sub'd	Tract	Units	Base Fee	Assmnt	Assessment					
9-4	Meadow Crk. Village 1	7862	55	216	175	175					
9-4	Meadow Crk. Village 2	7947	77	216	175	175					
9-4	Meadow Crk. Village 3	7967	108	216	175	175					
9-4	9-4 Meadow Crk. Village 4 7971 98 216 175 175										
9-5	9-5 Meadow Crk. Village 5 7897 97 216 175 175										
	Total:		435			76,125					

B42

#### Table 22 COST ESTIMATE -- 2022/2023 District 10, Zone 1 -- East Lone Tree Way District The following schedule shows the allocation of costs to be spread to this District/Zone (259-4591) Base Rate Benefit Units 874.5 Assessments District MAINTENANCE AND SERVICES: **Applied Total Cost** Need \$0 \$0 \$0 Parks Arterial Medians and Roadside \$17,615 \$17,615 \$0 Local Landscaping, Trails, Open Space \$267,527 \$104,741 \$162,786 **Channel Maintenance** \$60,000 \$0 \$60,000 Administration \$0 \$0 \$0 SUBTOTAL: \$345,142 \$122,356 \$222,786 676 Parcels Assessed at \$278.00 per unit = \$187,928 152 Multi Family Res \$28,880 \$190.00 per unit = 12.6 Comm. Parcel \$157.00 per unit = \$1,978 33.9 Bus. Park parcel \$118.00 \$4,000 per unit = TOTAL ASSESSED: \$222,786 \$140,337 Ending FY21/22 Fund Balance (Estimated): GENERAL FUND PORTION OF MAINTENANCE COST: \$0

#### District/Zone Benefits:

Park: None

Arterial: Lone Tree Way

Roadway Landscaping: Country Hills Drive, Canada Valley Road, Vista Grande, and cul de sacs

Miscellaneous: Open space and trails

B43

Table 22A
District 10
Base Assessment Allocation

			Benefit	Base	FY 21-22	FY22-23
Dist/Zone	Sub'd	Tract	Units	Fee	Assmnt	Assessment
10-1	Sand Creek Ranch 1	8114	57	591.92	278	278
10-1	Sand Creek Ranch 2	8958	27	591.92	278	278
10-1	Sand Creek Ranch 4	8640	97	591.92	278	278
10-1	Sand Creek Ranch 5	8885	42	591.92	278	278
10-1	Sand Creek Ranch 6	8886	31	591.92	278	278
10-1	Sand Creek Ranch 7	8948	52	591.92	278	278
10-1	Sand Creek Ranch 8	8951	156	591.92	278	278
10-1	Park Ridge 1	8846	90	591.92	-	278
10-1	Park Ridge 2	9485	58	591.92	-	278
10-1	Park Ridge 3	9517	66	591.92		278
10-1	Multi-Family Apts	-	152	413.43	190	190
10-1	Commercial parcel	1	12.6	343.25	157	157
10-1	Business Park	-	33.9	266.97	118	118

Total: 874.5 222,786

Table 23
Summary of Costs, Benefits and Assessments by Zone -- Fiscal Year 2022/2023

						[244]
District/	Benefit	Ending Bal	Est. Cost	Estimated	Zone	Assessment
Zone	Units	FY21/22	of Maintenance	Assessments	Deficit	per BU
1-1	1,681	\$39,122	\$731,064	\$275,063	(\$416,879)	\$58 to \$216
1-2	3,237	\$30,464	\$882,450	\$363,226	(\$488,760)	\$27 to \$216
1-4	1,607	\$20,707	\$492,869	\$185,821	(\$286,341)	\$23 to \$216
2A-1	0	\$0	\$124,128	\$0	(\$124,128)	\$0
2A-2	0	\$0	\$49,496	\$0	(\$49,496)	\$0
2A-3	230	\$8,710	\$129,223	\$14,496	(\$106,017)	\$22 to \$216
2A-4	337	\$9,300	\$267,945	\$12,916	(\$245,729)	\$16 to \$60
2A-5	13	\$14,441	\$221,407	\$1,492	(\$205,474)	\$104 to \$139
2A-6	274	\$11,023	\$402,277	\$28,582	(\$362,672)	\$57 to \$139
2A-7	0	\$0	\$67,107	\$0	(\$67,107)	\$0
2A-8	426	\$25,267	\$617,912	\$74,766	(\$517,879)	\$58 to \$216
2A-9	1,379	\$20,389	\$330,734	\$115,992	(\$194,353)	\$36 to \$144
2A-10	295	\$124,892	\$249,344	\$161,660	\$0	\$548
4-1	0	\$4,301	\$238,789	\$0	(\$234,488)	\$0
5-1	560	\$66,911	\$182,073	\$101,920	(\$13,242)	\$182
9-1	1,200	\$89,201	\$302,194	\$148,000	(\$64,993)	\$108 to \$140
9-2	2,024	\$38,701	\$534,111	\$197,162	(\$298,248)	\$39 to \$216
9-3	1,953	\$46,073	\$502,090	\$215,669	(\$240,348)	\$8 to \$216
9-4	435	\$56,650	\$129,759	\$76,125	\$0	\$175
10-1	874.5	\$140,337	\$345,142	\$222,786	\$0	\$118 to \$278

Totals \$746,491 \$6,800,114 \$2,195,676 (\$3,916,153)

#### V. <u>ASSESSMENT METHODS</u>

Proposition 218 provides that assessments imposed by petition signed by persons owning all of the parcels subject to assessment are exempt from the requirements of Prop. 218 insofar as the amount of such assessments are not increased over the amount in effect at the time of the petition. These assessments are known as the "base amount" or "base assessments".

A large number of parcels fall within this situation and have base assessments in place. Those parcels are the subjects of this Engineer's Report. The base assessment amounts vary, depending upon when the petition was filed with the City and the scope of improvements in place at the time that were being maintained by assessment. In preparing this Report, the Engineer determined the maximum base assessment that is assessable against each parcel, the improvements that are being maintained within the benefit zone, the cost of maintaining the improvements, and the total amount generated by the relevant base assessments. In instances where the cost of maintaining the improvements is less than the maximum assessable amount, the base assessments were proportionally reduced.

The assessment method suggested was to increase assessments to the maximum base rates over a 3-year period beginning in Fiscal Year 2003-04. The final increment was reached in FY 2005-06. Allocation of assessments has been applied first to administration costs; followed by local landscaping, trails, and open space; and finally arterials medians and roadside landscaping. Park costs continue to be shown; however, they also are shown as being paid by those districts and zones that can afford it. Remaining costs are shown as a contribution from the General Fund.

#### VI. SUMMARY OF ASSESSMENTS

The methods described in Section V are applied to estimate the benefits received by each assessable parcel, in every District and benefit zone, from the improvements described in this report.

Table 23, Summary of Costs, Benefits and Assessments by Zone, presents a summary of assessments for each District and benefit zone.

#### VII. ASSESSMENT ROLL

The Assessment Roll is a listing of all assessable parcels of land within the District. Because of its large size, the Assessment Roll is presented under separate cover and is incorporated by reference into this report. The Assessment Roll can be inspected at the office of the City Engineer during regular working hours.

The Assessment Roll lists each parcel in the District by its distinctive designation, the Assessor's Parcel Number, and includes the Assessment amount for each parcel.

B46

### PO LISTING FOR 21/22 FY

PO#	VENDOR	14.	BALANCE	PW#	STATUS	NOTES	Additional Notes
P210408	ALEX KUSHNER GENERAL, INC.	\$	430,674.71	247-S	R/O	Council Chambers Remodel	
P190361	BARTLE WELLS ASSOCIATES	\$	9,539.00	H20	R/O	Water Rates	Confirm with JS
P220361	BELLECI & ASSOCIATES	\$	38,121.00	700-1	R/O	Design Engineering	On-Call
P220362	BELLECI & ASSOCIATES	\$	45,774.50	700-2	R/O	Land Surveying	On-Call
P220386	BKF ENGINEERS INC	\$	39,130.00	700-1	R/O	Design Engineering	On-Call
P220385	BKF ENGINEERS INC	\$	50,000.00	700-2	R/O	Land Surveying	On-Call
P210268	BKF ENGINEERS INC	\$	1,624,307.51	234-15	R/O	L Street	
P150395	BROWN & CALDWELL	\$	41,879.11	477-BP2	R/O	As needed/Booster Pumps	
P200320	BROWN & CALDWELL	\$	130,229.34	340-15	CLOSE	Water System Master Plan	Contract Expired - Letter sent 5/25/22
P160240	CAROLLO ENGINEERS, INC.	\$	1,583,792.02	694	R/O	Brackish Water Desalination	
P210267	CDM SMITH, INC.	\$	1,862,937.30	694	R/O	Brackish Water Desalination	
P200325	CLEAN LAKES INC	\$	6,660.00	453-1	CLOSE	Reservoir Aquatic Vege Removal	Contract Expired - Letter sent 5/25/22
P190266	COASTLAND CIVIL ENGINEERING	\$	270,410.60	ON-CALL	R/O	INSPECTION SERVICES	
P220314	CONSOLIDATED ENGINEERING	\$	151,788.60	282-19	R/O	Speed Humps	
P200434	CONSTR TESTING SERV	\$	136,884.10	ON-CALL	R/O	MATERIAL TESTING	
P210424	CSI SERVICES	\$	84,000.00	246-31	R/O	Tank Rehab	
P180674	DAVID TAUSSIG & ASSOCIATES	\$	(4,617.60)	706	CLOSE	Special Tax Consulting	HOFFMEISTER'S
P220401	DUDEK	\$	50,000.00	700-2	R/O	Land Surveying	On-Call
P200445	ENGEO	\$	50,000.00	ON-CALL	R/O	MATERIAL TESTING	
P150346	EXPONENT	\$	87,998.38	H20	R/O	Water Rights	
P190239	GUALCO GROUP, INC.	\$	89,611.79	694/H20	R/O	Water Rights/Brackish Water	
P210439	HB CONSULTING GROUP, INC.	\$	236,715.00	694	R/O	Brackish Water Desalination	
P220358	IMEG CORP	\$	50,000.00	700-1	R/O	On-Call Engineering Design Service	es
P220360	INDIGO HAMMOND & PLAYLE	\$	51,045.00	700-1	R/O	On-Call Engineering Design Service	es
P210339	INTERWEST CONSULTING GROUP	\$	246,464.25	N/A	R/O	Contract Engineering Services	JOHN S
P160311	JDH CORROSION	\$	11,867.56	321-1	CLOSE	Cathodic Protection	Contract Expired - Letter sent 5/25/22
P220359	KIER & WRIGHT	\$	50,000.00	700-2	R/O	Land Surveying	On-Call
P200443	KLEINFELDER	\$	14,455.71	VARIOUS	R/O	MATERIAL TESTING	AS NEEDED
P210482	MERCOZA	\$	180,264.83	247-R	R/O	Leo Fontana Fountain/City Hall Pla	aza
P220413	MERCOZA	\$	132,132.00	567-9	CLOSE	Prewett Park Concrete Improveme	ents
P220316	MG & JC CONCRETE	\$	140,956.68	507-18	R/O	Curb, Gutter & Sidewalk Repair	
P210336	MOUNTAIN CASCADE, INC.	\$	83,105.41	477-BP2	R/O	Hillcrest & Donlon Booster Pumps	
P210412	MUNICIPAL FINANCIAL SERV	\$	14,530.00	362-9	R/O	Water & Sewer Rate Study	
P200323	NOMAD ECOLOGY	\$	6,645.38	201-6A	R/O	Five Year Post Monitoring WAC	
P220389	RAYS ELECTRIC	\$	202,819.00	674-TS	R/O	Traffic Signal at Canada Valley & L	aurel
P220303	REVEL ENVIRONMENTAL INC	\$	48,446.25	685-1	R/O	Installation of Trash Capture	HOFFMEISTER'S
R210438	RRM DESIGN GROUP	\$	65,158.38	298-P3	R/O	Contra Loma Estates Park Renova	tion



P210262	RSM DESIGN	\$ 15,635.17	679-1	R/O	Citywide Signage Program	
P190267	SALABER ASSOCIATES	\$ 179,747.50	VARIOUS	CLOSE	On-Call Inspection	Contract Expired - Letter sent 5/25/22
P210360	SHIMMICK CONSTRUCTION, INC.	\$ 58,671,543.00	694	R/O	Brackish Water Desalination	
P180571	SILVA LANDSCAPE	\$ 11,500.00	74	CLOSE	Sidewalk Repair	Contract Expired - Letter sent 5/25/22
P210440	SOUTHWEST PIPELINE & TRENCH	\$ (7,473.08)	684-2	R/O	Trenchless Rehab of Sewer Main	Need to increase PO
P180611	SWATT MIERS ARCHITECTS	\$ 4,082.69	247-S	R/O	Council Chambers Interior Remod	el
P220368	TANKO STREETLIGHTING	\$ 116,596.00	700-3	R/O	Photometric Study	JOHN S
P200428	TESTING ENGINEERS	\$ 26,158.00	VARIOUS	R/O	MATERIAL TESTING	AS NEEDED
P210297	TJKM TRANSPORTATION	\$ 3,268.40	282-20	R/O	Local Roadway Safety Plan	
P140211	WALTER BISHOP CONSULT	\$ 60,078.55	H20	R/O	Water Rights/Brackish Water	
P220357	WOODARD & CURRAN	\$ 50,000.00	700-2	R/O	On-Call Engineering Design Service	es
P180647	WOODARD & CURRAN	\$ 94,438.42	694	R/O	Brackish Water Desalination	
P180681	WOODARD & CURRAN	\$ 134,338.53	201-5A	R/O	WAC	
	TOTAL ENCUMBERED:	\$ 67,149,529.78				



#### PO LISTING FOR 21/22 FY

PO#	VENDOR	BALANCE	PW#	STATUS	NOTES	Additional Notes
P210408	ALEX KUSHNER GENERAL, INC.	\$ 430,674.71	247-S	R/O	Council Chambers Remodel	
P190361	BARTLE WELLS ASSOCIATES	\$ 59,539.00	H20	R/O	Water Rates	Confirm with JS
P220361	BELLECI & ASSOCIATES	\$ 38,121.00	700-1	R/O	Design Engineering	On-Call
P220362	BELLECI & ASSOCIATES	\$ 45,774.50	700-2	R/O	Land Surveying	On-Call
P220386	BKF ENGINEERS INC	\$ 39,130.00	700-1	R/O	Design Engineering	On-Call
P220385	BKF ENGINEERS INC	\$ 50,000.00	700-2	R/O	Land Surveying	On-Call
P210268	BKF ENGINEERS INC	\$ 1,624,307.51	234-15	R/O	L Street	
P150395	BROWN & CALDWELL	\$ 41,879.11	477-BP2	R/O	As needed/Booster Pumps	
P200320	BROWN & CALDWELL	\$ 130,229.34	340-15	CLOSE	Water System Master Plan	Contract Expired - Letter sent 5/25/22
P160240	CAROLLO ENGINEERS, INC.	\$ 1,583,792.02	694	R/O	Brackish Water Desalination	
P210267	CDM SMITH, INC.	\$ 1,862,937.30	694	R/O	Brackish Water Desalination	STATE OF THE PROPERTY OF THE P
P200325	CLEAN LAKES INC	\$ 6,660.00	453-1	CLOSE	Reservoir Aquatic Vege Removal	Contract Expired - Letter sent 5/25/22
P190266	COASTLAND CIVIL ENGINEERING	\$ 270,410.60	ON-CALL	R/O	INSPECTION SERVICES	
P220314	CONSOLIDATED ENGINEERING	\$ 151,788.60	282-19	R/O	Speed Humps	
P200434	CONSTR TESTING SERV	\$ 136,884.10	ON-CALL	R/O	MATERIAL TESTING	
P210424	CSI SERVICES	\$ 84,000.00	246-31	R/O	Tank Rehab	
P180674	DAVID TAUSSIG & ASSOCIATES	\$ (4,617.60)	706	CLOSE	Special Tax Consulting	HOFFMEISTER'S
P220401	DUDEK	\$ 50,000.00	700-2	R/O	Land Surveying	On-Call
P200445	ENGEO	\$ 50,000.00	ON-CALL	R/O	MATERIAL TESTING	
P150346	EXPONENT	\$ 87,998.38	H20	R/O	Water Rights	
P190239	GUALCO GROUP, INC.	\$ 89,611.79	694/H20	R/O	Water Rights/Brackish Water	
P210439	HB CONSULTING GROUP, INC.	\$ 236,715.00	694	R/O	Brackish Water Desalination	
P220358	IMEG CORP	\$ 50,000.00	700-1	R/O	On-Call Engineering Design Service	es
P220360	INDIGO HAMMOND & PLAYLE	\$ 51,045.00	700-1	R/O	On-Call Engineering Design Service	
P210339	INTERWEST CONSULTING GROUP	\$ 246,464.25	N/A	R/O	Contract Engineering Services	JOHN S
P160311	JDH CORROSION	\$ 11,867.56	321-1	CLOSE	Cathodic Protection	Contract Expired - Letter sent 5/25/22
P220359	KIER & WRIGHT	\$ 50,000.00	700-2	R/O	Land Surveying	On-Call
P200443	KLEINFELDER	\$ 14,455.71	VARIOUS	R/O	MATERIAL TESTING	AS NEEDED
P210482	MERCOZA	\$ 180,264.83	247-R	R/O	Leo Fontana Fountain/City Hall Pla	aza
P220413	MERCOZA	\$ 132,132.00	567-9	CLOSE	Prewett Park Concrete Improveme	
P220316	MG & JC CONCRETE	\$ 140,956.68	507-18	R/O	Curb, Gutter & Sidewalk Repair	
P210336	MOUNTAIN CASCADE, INC.	\$ 83,105.41	477-BP2	R/O	Hillcrest & Donlon Booster Pumps	
P210412	MUNICIPAL FINANCIAL SERV	\$ 14,530.00	362-9	R/O	Water & Sewer Rate Study	
P200323	NOMAD ECOLOGY	\$ 6,645.38	201-6A	R/O	Five Year Post Monitoring WAC	
P220389	RAYS ELECTRIC	\$ 202,819.00	674-TS	R/O	Traffic Signal at Canada Valley & La	aurel
P220303	REVEL ENVIRONMENTAL INC	\$ 48,446.25	685-1	R/O	Installation of Trash Capture	HOFFMEISTER'S
P210438	RRM DESIGN GROUP	\$ 65,158.38	298-P3	R/O	Contra Loma Estates Park Renovat	



P210262	RSM DESIGN	\$ 15,635.17	679-1	R/O	Citywide Signage Program	
P190267	SALABER ASSOCIATES	\$ 179,747.50	VARIOUS	CLOSE	On-Call Inspection	Contract Expired - Letter sent 5/25/22
P210360	SHIMMICK CONSTRUCTION, INC.	\$ 58,671,543.00	694	R/O	Brackish Water Desalination	
P180571	SILVA LANDSCAPE	\$ 11,500.00	74	CLOSE	Sidewalk Repair	Contract Expired - Letter sent 5/25/22
P210440	SOUTHWEST PIPELINE & TRENCH	\$ (7,473.08)	684-2	R/O	Trenchless Rehab of Sewer Main	Need to increase PO
P180611	SWATT MIERS ARCHITECTS	\$ 4,082.69	247-S	R/O	Council Chambers Interior Remod	el
P220368	TANKO STREETLIGHTING	\$ 116,596.00	700-3	R/O	Photometric Study	JOHN S
P200428	TESTING ENGINEERS	\$ 26,158.00	VARIOUS	R/O	MATERIAL TESTING	AS NEEDED
P210297	TJKM TRANSPORTATION	\$ 3,268.40	282-20	R/O	Local Roadway Safety Plan	
P140211	WALTER BISHOP CONSULT	\$ 60,078.55	H20	R/O	Water Rights/Brackish Water	
P220357	WOODARD & CURRAN	\$ 50,000.00	700-2	R/O	On-Call Engineering Design Service	es
P180647	WOODARD & CURRAN	\$ 94,438.42	694	R/O	Brackish Water Desalination	
P180681	WOODARD & CURRAN	\$ 134,338.53	201-5A	R/O	WAC	
	TOTAL ENCUMBERED:	\$ 67,149,529.78				





#### STAFF REPORT TO THE CITY COUNCIL

**DATE:** Regular Meeting of June 28, 2022

**TO:** Honorable Mayor and Members of the City Council

SUBMITTED BY: Dawn Merchant, Finance Director

**APPROVED BY:** Cornelius Johnson, Interim City Manager

**SUBJECT:** Fiscal Year 2021-23 Mid-Year Budget

#### **RECOMMENDED ACTION**

It is recommended that the City Council adopt the resolution amending the FY22 and FY23 budgets.

#### FISCAL IMPACT

The fiscal impact of all requested amendments is outlined in the report.

#### DISCUSSION

A special meeting to review mid-year budget requests was held May 24, 2022. Of the budget items staff was seeking direction on, City Council consensus was to include the staffing and other expenditure budget requests for formation of the Public Safety and Community Resources Department and to bring back other staffing and Capital Improvement (CIP) unfunded budget requests at a future meeting. The action this evening is to adopt the FY21-23 mid-year budget requests as presented and discussed at the May 24<sup>th</sup> special meeting, excluding unfunded CIP and other staffing requests.

#### **Public Safety and Community Resources Department**

City Council provided consensus to include the proposed staffing and budgets in the midyear as outlined on May 24<sup>th</sup>. As a reminder, the amended budget reflects re-assigning the Animal Services and Code Enforcement divisions to the Police Department and Community Development Department respectively and re-allocation of the Director position which was previously split among those areas in the adopted budget.

- Administrative Assistant III (Public Safety and Community Resources Administration Division) – The estimated salary and benefit cost is \$137,703. The cost has been pro-rated in the FY23 budget to account for the hiring timeframe.
- <u>Public Safety Manager (Public Safety and Community Resources Violence Intervention and Prevention Division)</u> This position classification does not currently exist and would need to be created. 50% would be funded with CalVIP

program if awarded. 50% cost of salary and benefits is estimated at \$101,951 which is on par with a parallel manager role in the department. The cost has been pro-rated in the FY23 budget to account for the hiring timeframe.

- Community Engagement/Public Safety Coordinator (Public Safety and Community Resources Violence Intervention and Prevention Division) This classification does not currently exist and would need to be created. 50% would be funded with CalVIP program if awarded. 50% cost of salary and benefits is estimated at \$51,343 and is on par with a parallel coordinator position in the department. The cost has been pro-rated in the FY23 budget to account for hiring timeframe.
- Four (4) Community Resource Specialists (Public Safety and Community Resources Community Engagement Division) This classification does not currently exist and would need to be created. Salary comparable to a Step E Code Enforcement Officer was used. Estimated salary and benefit costs are \$613,656 for all four positions. The cost has been pro-rated in the FY23 budget to account for the hiring timeframe.

### <u>Other Public Safety and Community Resources Department Expenditure</u> Amendments

The following divisions are included in the amended General Fund budget.

- Administrative Support Division
  - Proposed FY23 Budget: \$229,700 (this is in addition to full time staffing above)
    - \$50,000 for part-time help
    - \$62,500 for purchase of 15 passenger van
    - \$72,000 for professional services, including translation services
    - \$45,200 for other supplies/services
- Violence Intervention and Prevention Division
  - Proposed FY23 Budget: \$25,000 for violence intervention and prevention activities (this is in addition to full time staffing above).
- Housing and Homelessness Division with the adoption of the 21-23 budget, an Unhoused Resident Services Division was already established with funding for an Unhoused Resident Coordinator.
  - Proposed FY23 Budget: \$170,000 for homeless services and contracts (in addition to full time position already budgeted).
- Community Engagement Division
  - Proposed FY23 Budget: \$25,000 for community engagement activities (this is in addition to full time staffing above).

### **Budget Summary**

The next table is a budget summary incorporating amendments, including Public Safety and Community Resources Department new staffing requests and budget proposals. This budget **does not** include other staffing requests and unfunded projects associated with the Capital Improvement Program (CIP).

**Budget Summary Table** 

Budget Summary	2021-22 Revised	2022-23 Revised
Beginning Balance, July 1	\$28,758,798	\$28,758,798
Revenue Source:		
Taxes	52,419,789	54,525,334
Taxes – Measure C	20,167	0
1% Sales Tax	20,752,338	21,436,699
Licenses & Permits	4,202,000	2,682,000
Fines & Penalties	100,100	135,100
Investment Income & Rentals	701,505	620,000
Revenue from Other Agencies	199,270	857,050
Current Service Charges	4,843,082	6,935,771
Other Revenue	3,213,971	3,080,150
Transfers In	3,872,988	3,911,486
Total Revenue	90,325,210	94,183,590
Expenditures:		
Legislative & Administrative	6,497,199	7,168,465
Finance	1,746,396	2,229,343
Nondepartmental	7,486,246	5,602,165
Public Works	12,943,107	12,484,281
Police Services	50,715,538	53,774,362
Police Services-Measure C	20,167	0
Police Services-Animal Support	1,521,151	2,027,290
Recreation/Community Svs.	2,383,255	4,203,636
Public Safety and Community Resources	718,553	2,823,621
Community Development	6,645,276	7,914,821
Total Expenditures	90,676,888	98,227,984
Budget Stabilization Transfer	351,678	4,044,394
Surplus/(Deficit)	0	0
Ending Balance, June 30	\$28,758,798	\$28,758,798
Committed-Comp. Absences	138,118	150,000
Committed-Litigation Reserve	500,000	500,000
Committed-Comm. Dev. Fees	1,198,787	1,418,787
Assigned – Encumbrances & Projects	0	0
Unassigned Fund Balance	\$26,921,893	\$26,690,011
Percentage of Revenue	29.81%	28.34%

#### TO BE BROUGHT BACK AT A FUTURE MEETING

- 1. One Time Revenue Spending With the close of fiscal year 2021, there was \$1,051,661 in one-time revenues (in the form of non-Police salary savings) that needs to be allocated to one-time projects. Potential funding items presented on November 23<sup>rd</sup> and May 24<sup>th</sup> by City Council members were applying all funds to unfunded liabilities, Hard House rehabilitation costs, Public Safety and Community Resources Department building costs, Emergency Operations Center (EOC) upgrades in the Police Department community room and the streetlighting improvement project. The funds are already included as an expenditure in the General Fund in a "holding" account to be allocated to projects.
- 2. American Rescue Plan (ARPA) spending. City Council will need to consider how to allocate remaining ARPA funds this evening or at a future meeting date. On April 12, 2022, City Council approved \$17,360,000 in funding for various projects. \$4,190,900 remains unallocated.

#### 3. Unfunded CIP:

- a. Streetlighting Improvement Project \$1.6M loan proposed from General Fund to be repaid over 5 years.
- b. Facility Maintenance and Repairs \$1.097M unfunded. Council can consider this for ARPA funding.
- c. Integration and Upgrade of Access Control, Surveillance, Monitoring and Fire Alarm - \$111,000 unfunded. Council can consider this for ARPA funding.

#### 4. Staffing:

- a. Computer Technician
- b. Administrative Assistant II for Economic Development
- c. Volunteer Coordinator for Animal Services
- d. Animal Services Technician
- e. Animal Services Supervisor
- f. Reclass of Office Assistant at Animal Services to a Customer Service Representative
- g. Two (2) Recreation Program Coordinators
- h. Facility Maintenance Worker for Recreation
- i. Marina Leadworker/Property Manager
- j. Position in City Manager's office for City Council needs

#### OTHER FUNDS BUDGET ADJUSTMENTS

Budget amendments for other funds as provided on May 24<sup>th</sup> are outlined in Exhibit B. The most significant adjustments included are:

- <u>Recreation Special Revenue Fund</u> FY23 expenditures are being increased to approximately \$1M. The majority of this increase is attributable to:
  - Carry forward of CIP projects totaling \$434,850 not completed in FY22 to FY23 comprising of roof repairs and water park siding repairs;
  - o Addition of \$135,800 for new alarm system and services;
  - Addition of \$50,000 scholarship fund;
  - Addition of \$50,000 for City-wide special events;
  - o Increase of \$74,500 for part-time help for expanded programming;
  - o Increase of \$53,304 for general liability insurance

Roof estimates for the NRCC and Water Park facilities have far exceeded budgeted estimates. An additional \$987,000 is needed for the roof and Water Park siding repairs and is part of the \$1.097M facility repairs project to be brought back. This is not included in the budget amendments in Exhibit B as it will be brought back at a future meeting.

Water Enterprise Fund – Transfers are being reduced by approximately \$12M in FY22 in relation to the Line of Credit the City obtained for the Brackish Water project. The full amount of the Line of Credit was not needed due to the State reimbursing the City for costs incurred in a timely manner. FY22 revenues are also being increased to recognize the remaining receipt of settlement and grant funds for the Brackish Water project.

#### **ATTACHMENTS**

- A. Resolution
  - a. Exhibit A General Fund Mid-Year Amendments
  - b. Exhibit B Other Fund Mid-Year Amendments

#### ATTACHMENT A

#### **RESOLUTION NO. 2022/\*\***

## RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH APPROVING AMENDMENTS TO THE 2022 AND 2023 FISCAL YEAR BUDGETS

**WHEREAS**, City Council deliberated mid-year budget requests for the FY21-23 budget at a May 24, 2022 Special Meeting of the Antioch City Council; and

**WHEREAS**, the City Council desires to amend the FY22 and FY23 budgets as proposed in Exhibits A and B incorporated herein;

**NOW, THEREFORE BE IT RESOLVED** that the City Council of the City of Antioch hereby:

- 1. Approves amendments to the fiscal year 2022 and 2023 budgets incorporated as Exhibits A and B herein.
- Approves the following staffing addition to the Public Safety and Community Resources Department
  - a. One (1) Administrative Assistant III
- 3. Approves reserving budget allocations for expected staffing additions for the Public Safety and Community Resources Department with the understanding that the position class specifications do not currently exist and will need to be created prior to approval of the positions:
  - a. One (1) Public Safety Manager

June 2022, by the following vote:

- b. One (1) Community Engagement/Public Safety Coordinator
- c. Four (4) Community Resource Specialists

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the

AYES:

NOES:

ABSTAIN:

ABSENT:

ELIZABETH HOUSEHOLDER
CITY CLERK OF THE CITY OF ANTIOCH

City Council of the City of Antioch at a regular meeting thereof, held on the 28th day of

# EXHIBIT A GENERAL FUND BUDGET AMENDMENTS - FY22 & FY23

	FY22		FY23	
	Amendment		Amendment	
Revenues:				
Taxes	\$	1,382,114	\$	1,236,712
Revenue from Other Agencies	Ψ	(257,780)	Ψ	340,050
Licenses & Permits		1,620,000		-
Fines & Penalties		(35,000)		-
Service Charges		(362,725)		153,640
Investment Income & Rentals		86,505		-
Miscellaneous Revenue		901,310		2,432,375
Transfers In		194,285		188,690
<b>Total Revenue Amendments</b>	\$	3,528,709	\$	4,351,467
Total Revised Revenues	\$	90,325,210	\$	94,183,590
Expenditures:				
Operating Expenditures	\$	(2,388,069)	\$	4,783,213
<b>Total Expenditure Amendments</b>	\$	(2,388,069)	\$	4,783,213
Total Revised Expenditures	\$	90,676,888	\$	98,227,984
Budget Stabilization Transfer In	\$	(3,105,738)	\$	3,425,052
Total Revised Transfer	\$	351,678	\$	4,044,394

## EXHIBIT B OTHER FUND BUDGET AMENDMENTS - FY22 & 23

Fund/Category	FY22 Amendment	FY23 Amendment	Purpose
Loss Control Internal Service Fund: Expenditures	\$ (100,474.00)	\$ (283,036.00)	Vacancy savings/FY23 workers comp premium estimate lower
CDBG Special Revenue Fund:			
Revenues	151,366.00 151,366.00	(9,000.00)	Adjust projected grant reimbursements
Expenditures	151,366.00	(9,000.00)	Roll over of project funds/Reduction of administrative expenditures
RMRA Special Revenue Fund: Revenues	1,023,835.00	228,237.00	OBAG grant revenues received/Increase RMRA projections
Transfer In	500,000.00	-	Transfer of Measure J monies for L St project
Expenditures	500,000.00	-	Move Measure J project budget to RMRA fund
Recreation Special Revenue Fund:			
Revenues	7,500.00	24,000.00	
Expenditures Transfers In	(384,650.00) (62,290.00)	1,000,976.00 1,235,687.00	Special event funding/youth scholarships/increase PTH/insurance
	(02,200.00)	1,200,001.00	
Housing Successor Special Revenue Fund: Expenditures	128,875.00	_	Increase home ownership program expenditures
·	120,070.00		moreage name awnership program experimenes
LLEBG Special Revenue Fund Transfers Out	1,268.00	_	Transfer to General Fund for grant reimbursement
	1,200.00		Transier to General Fund for grant reimbursement
Solid Waste Special Revenue Fund: Revenues	14,151.00	25,000.00	Increase garbage franchise funding for environmental programs
Expenditures	20,261.00	28,844.00	Increase garbage franchise funding for environmental programs Increase PTH/Environmental sustainability & resilience activities/insurance
Delta Fair Property Special Revenue Fund:			,
Revenues	25,043.00	-	Revised rent projection
Budget Stabilization Fund:			
Expenditures	59,035.00	-	Revise OPEB contribution
Transfers Out	(3,105,738.00)	3,425,052.00	Revise for General Fund amendments
Vehicle Maintenance Fund:			
Revenues	121,000.00	121,000.00	Increased billings to depts for higher fuel prices
Expenditures	131,096.00	145,365.00	Increased fuel costs/insurance premium
Information Services Fund:			
Expenditures	372,022.00	45,922.00	Additional cybersecurity and Microsoft licensing costs/Insurance prem.
NPDES Special Revenue Fund:			
Expenditures	5,107.00	10,821.00	Increase for liability insurance premium
Measure J Special Revenue Fund:			
Transfer Out	500,000.00		Move funds to RMRA for L St project
Expenditures	(490,000.00)		Move L St project to RMRA fund/Increase staff time charged projection
Brackish Water LOC			
Expenditures Transfers In	(166.00) (11,962,098.00)	-	Line of credit for Brackish Water paid off Line of credit for Brackish Water paid off
Transfers Out	(11,961,932.00)	-	Line of credit for Brackish Water paid off
Water Enterprise Fund:			
Revenues	15,835,597.00	-	Brackish Water settlement/grant funds/arrearage program funds
Expenditures Transfers In	823,678.00 (11,961,932.00)	206,304.00	Arrearage program/credit card fees/insurance Line of credit for Brackish Water paid off
Transfers Out	(11,962,098.00)	-	Line of credit for Brackish Water paid off
Sewer Enterprise Fund:			
Revenues	348,288.00	-	Arreage grant
Expenditures	338,144.00	119,332.00	Arrearage program/Insurance premium increase
PEG Franchise Fee Fund:			
Expenditures	412.00	-	Project close out expenditures
Marina Enterprise Fund:			
Expenditures	-	110,357.00	Insurance premium/fuel hose replacement/dock assessment report
Capital Improvements Fund:			
Revenues	15,000.00	-	Increase projection
Expenditures	15,000.00	-	Increase for year to date expenditures
CFD 2016-01 Police Protection Fund: Revenues	68,244.00	68.244.00	Increase projected assessment revenue
Expenditures	2,642.00	2,642.00	Increase projected assessment revenue Increase contractual expenditures
Transfers Out	67,698.00	65,602.00	Increase transfer to General Fund for revised assessments
CFD 2018-02 Police Protection Fund:			
Revenues Expenditures	123,638.00 550.00	123,638.00 550.00	Increase projected assessment revenue Increase contractual expenditures
Transfers Out	125,319.00	123,088.00	Increase transfer to General Fund for revised assessments
Civic Arts Special Revenue Fund:	•	•	
Expenditures	260.00	515.00	Insurance premium increase
Animal Services Special Revenue Fund:			
Revenues Transfers In	6,325.00	- 55 843 00	Increase revenue projections
Transfers In Expenditures	(350,399.00) (354,074.00)	55,843.00 47,304.00	Adj Gen Fund transfer for amendments  Vacancy savings/Insurance premium increase
Park in Lieu Special Revenue Fund:	, ,,	,	
Revenues	1,476,000.00	-	Roll forward FY21 Prop 68 grant funds for Contra Loma



#### STAFF REPORT TO THE CITY COUNCIL

DATE:

Regular Meeting of June 28, 2022

TO:

Honorable Mayor and Members of the City Council

**SUBMITTED BY:** 

Tasha Johnson, Youth Services Network Manager

**APPROVED BY:** 

Cornelius H. Johnson, Interim City Manager

SUBJECT:

California Violence Intervention and Prevention (CalVIP) Grant

#### **RECOMMENDED ACTION**

It is recommended that the City Council adopt the resolution Acknowledging Acceptance of the California Violence Intervention and Prevention (CalVIP) grant, including specific terms and conditions as described.

#### **FISCAL IMPACT**

The City match required by the grant is a total of \$1,794,116 over the term of the agreement. The expenditure is included in the mid-year Fiscal Year 2023 budget amendments under consideration at the June 28, 2022 City Council meeting.

#### DISCUSSION

On June 9, 2022, the Board of State and Community Corrections awarded the City of Antioch a California Violence Intervention and Prevention (CalVIP) Grant through the Board of State and Community Corrections (BSCC) for the period of July 1, 2022 through December 31, 2025 for a total amount of \$1,794,116.

The adoption of the resolution will allow the City to receive CalVIP Grant Program funds that can be utilized to support, expand, and replicate evidence-based violence reduction initiatives that seek to interrupt cycles of violence in adversely impacted communities throughout the City of Antioch.

#### **ATTACHMENT**

A. Resolution

#### **RESOLUTION NO. 2022/\*\***

# RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANTIOCH ACKNOWLEDGING ACCEPTANCE OF THE CALIFORNIA VIOLENCE INTERVENTION AND PREVENTION (CALVIP) GRANT, INCLUDING SPECIFIC TERMS AND CONDITIONS AS DESCRIBED

**WHEREAS**, the City of Antioch aims to support, expand, and replicate evidencebased violence reduction strategies that interrupt cycles of violence in adversely impacted communities throughout the City;

**WHEREAS,** on June 9, 2022, the Board of State and Community Corrections (BSCC) awarded the City of Antioch a California Violence Intervention and Prevention (CalVIP) Grant in the total amount of \$1,794,116;

**WHEREAS**, the CalVIP Program is funded by the California State General Fund and administered by the BSCC;

**WHEREAS,** to receive CalVIP funds, the City of Antioch shall enter into an agreement that includes certain terms and conditions during the grant period of July 1, 2022 to December 31, 2025;

**WHEREAS,** the City Council of the City of Antioch fully acknowledges that said CalVIP grant funds shall not be used to supplant expenditures controlled by the City and its governing body; and

**WHEREAS**, the City Council of the City of Antioch acknowledges that participation in the CalVIP Program requires the City to provide a 100 percent match for all CalVIP funds awarded.

**NOW, THEREFORE, BE IT RESOLVED** that the City Manager is authorized on behalf of the City of Antioch to sign the Grant Agreement with the BSCC, including any amendments thereof, in a form approved by the City Attorney.

I HEREBY CERTIFY that the foregoing resolution was passed and adopted by the City Council of the City of Antioch at a regular meeting thereof, held on the 28th day of June, 2022 by the following vote:

	ELIZABETH HOUSEHOLDER			
ABSENT:				
ABSTAIN:				
NOES:				
AYES:				

CITY CLERK OF THE CITY OF ANTIOCH