



**REQUEST FOR QUALIFICATIONS TO PROVIDE
PROFESSIONAL ENGINEERING DESIGN SERVICES
FOR HIGHWAY SAFETY IMPROVEMENT PROGRAM
(HSIP) CYCLE 11 PROJECT:**

STPL-5038(028) (PW# 636-11) - 69 Signalized Intersection Upgrades

Qualifications Due Date: Thursday, March 13, 2025, at 5:00 p.m.

Public Works Department
Capital Improvements Division
200 "H" Street
Antioch, CA 94531-5007
(925) 779-7050

INTRODUCTION

The City of Antioch seeks to retain the services of a qualified consulting firm to provide professional civil and environmental engineering design services to support the Engineering Division of the Department of Public Works. Tasks to be performed as part of this contract have the potential to cover a wide range of design services that will support specific design and construction projects, grant applications, and miscellaneous engineering related tasks.

The City of Antioch is requesting proposals from qualified professional engineering consultants, licensed in the State of California, with the intent of entering into an agreement to provide professional engineering design services for a Highway Safety Improvement Program (HSIP) Cycle 11 Project.

In general, the selected Consultant shall be responsible for the preparation of all improvement plans, preliminary and final cost estimates, and project specifications for these projects.

The deadline for submission of qualifications for this work is 5:00 p.m., Thursday, March 13, 2025.

BACKGROUND

The City of Antioch successfully received funding through HSIP Cycle 11 to complete improvements prioritizing roadway safety for all users of the City of Antioch roads, including motorists, pedestrians, and bicyclists. Funding is for the following project:

For City Project PW #636-11, 69 intersections throughout the City will be improved. The scope of work for this project includes improving signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number; install pedestrian countdown signal heads, and install advance stop bar before crosswalk, and other associated work. The total design and construction cost for this project is \$2,800,600.

SCOPE OF WORK

All plans and drawings must be drafted by the latest version of AutoCAD Civil 3D. All design data using AutoCAD Civil 3D programs shall be made available to the City upon request and shall become the property of the City for active and future projects.

The work shall comply with the following requirements:

- Current federal, state, and local laws
- Current Caltrans Construction Contract Standards (Plans and Specifications)
- Current Highway Design Manual
- Current City of Antioch Construction Details

For all deliverables completed, a draft shall be submitted to the City's project manager for review and approval. Typically, reports shall include a scale drawing, description of field, office and laboratory procedures used, hardware and software used, and quality assurance procedures used.

The work to be performed may include, but is not limited to the following:

Working on state-funded projects requires in-depth knowledge of the Caltrans Local Assistance Procedures Manual (LAPM), Local Assistance Program Guidelines (LAPG), and other Caltrans requirements. Interested firms shall address in their qualification statements their ability to provide the following services if selected by the City.

1. PROJECT MANAGEMENT/ADMINISTRATION

The Consultant shall be responsible for project management activities throughout the life of the contract including managing the schedule, budget, setting up meetings, field reviews, and managing the project team. The Consultant must include a kick-off meeting and further appropriate number of follow-up meetings with City staff. The Consultant may be required to attend a City Council meeting.

Deliverable(s): monthly progress reports, meeting agendas, minutes, and schedule updates.

2. FIELD WORK/PRELIMINARY PLANS/INVENTORY/STANDARDS

This task should include a field visit at the project sites to identify locations and verify existing conditions, evaluate the proposed condition submitted with the grant application, prepare the City inventory, set up a base map for the proposed improvements, and lay out the preliminary improvement plans.

Deliverable(s): Preliminary Plans, Inventory, Standards, On-site photos.

3. ENVIRONMENTAL DOCUMENTATION

CEQA Clearance – Consultant shall prepare Notice of Determination (NOD) or Notice of Exemption (NOE) and file with County of Contra Costa and with the State Clearinghouse at the Governor’s Office of Planning and Research (OPR).

Deliverable(s): CEQA NOD or NOE.

4. PLANS, SPECIFICATIONS, AND ESTIMATE (PS&E)

Upon approval of the preliminary plans and environmental documents, the Consultant shall develop the final plans, project specifications, and an estimate of construction costs following the latest Caltrans, AASHTO, and City standards. The PS&E shall be developed and submitted for City review. The Consultant shall provide reviews at 30%, 60%, 90% and 100%, at a minimum, during the development of the PS&E.

Deliverable(s): 30%, 60%, 90%, and 100% Plans (others as required by the City), Specifications, and Estimate.

5. DISADVANTAGED BUSINESS ENTERPRISE (DBE) GOAL

This project has a Disadvantaged Business Enterprise (DBE) participation goal of 10 percent. The selected consultant will be required to demonstrate a good faith effort to meet this goal. Strategies to achieve the DBE goal may include, but are not limited to:

- Subcontracting opportunities for DBE firms
- Joint ventures with DBE firms
- Utilizing DBE suppliers and vendors

6. BIDDING ASSISTANCE

During the bidding and construction phases of the project, the Consultant shall remain available to provide assistance to the City of Antioch staff and/or potential contractors in answering pre-bid questions, and interpretations of the plans and specifications either by email or phone. Furthermore, the Consultant is expected to provide responses to Requests for Information (RFIs), and prepare addendums, if necessary. This task should include attendance at the Pre-Bid Meeting.

Deliverable(s): Responses to bidder questions.

7. CONSTRUCTION SUPPORT

The Consultant shall attend the Pre-Construction meeting as well as answer any Request for Information as related to the Plans and Specifications. The Consultant shall review submittals as necessary and prepare the final Record Drawings based on the red-line copies of the plan from the Contractor and Inspector.

Deliverable(s): Responses to RFIs, Submittal Approvals, Record Drawings.

The above services and products represent a general list of the project components. The consultant is expected to prepare a detailed scope of work based upon its knowledge and experience on related projects.

SUBMITTAL REQUIREMENTS

Please include the following information in the proposal submittal:

- Cover letter – Signed letter by an individual authorized to negotiate on behalf of the firm with the budget and scope of services binding for a term of 90 days from the date of submittal to the City.
- Introduction – Provide a brief project description conveying an understanding of the issues.
- Project Manager/Consultant Team – Detail key individuals to be assigned to the project, their qualifications, and respective roles. Provide resumes of key individuals who would perform services under this contract, including all applicable education, experience, licenses, and professional designations.
- Related Experience and References – Provide a complete list of references, including the scope of work performed and contact information. Place emphasis on projects prepared for cities and redevelopment agencies.
- Fee Schedule – Provide a schedule of fees for services, including current dollar/hour billing rates.
- Availability – Identify a window of time indicating availability to start the project. The selected firm will be required to enter into a written contract with the City of Antioch in a form approved by the City Attorney. It is expected that work will commence upon award of contract.
- City's Consultant Contract – Identify any sections of the City's standard design consultant contract (Attachment "A") that pose significant concerns and would require negotiation/modification in order to be acceptable to consultant.

SUBMISSION INSTRUCTIONS

Three (3) bound, one (1) unbound, and one (one) electronic copy of the proposal **must be submitted no later than 5:00 p.m. on Thursday, March 13, 2025**, to:

Scott Buenting
Acting Public Works Director
City of Antioch
Capital Improvements Division
PO Box 5007
Antioch, CA 94531-5007

In the event there is not an outstanding response, interviews will be conducted with the two or three firms which were close in evaluation points. Any questions regarding the above should be directed to Scott Buenting at (925) 779-7050, or sbuenting@antiochca.gov.

ATTACHMENTS

- A: City of Antioch Design Consultant Services Agreement
- B: Evaluation Criteria
- C: HSIP Applications and Maps

ATTACHMENT "A"

**DESIGN CONSULTING SERVICES AGREEMENT BETWEEN
THE CITY OF ANTIOCH AND
[NAME OF CONSULTANT]**

THIS AGREEMENT (“**Agreement**”) is made and entered into this ____ day of _____, 202__ (“**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 _____ with its principle place of business at _____ (“**Consultant**”) as of _____, 202_. 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 at the time and place and in the manner specified therein. In the event of a conflict in or inconsistency between the terms of this Agreement and Exhibit A, the Agreement shall prevail.

1.1 Term of Services. The term of this Agreement shall begin on the date first noted above and shall end on _____, the date of completion specified in Exhibit A, and Consultant shall complete the work described in Exhibit A 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, as provided for in Section 8.

1.2 Standard of Performance. 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 Time. 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 _____, notwithstanding any contrary indications that may be contained in Consultant’s proposal, for services to be performed and reimbursable costs incurred under this Agreement. In the event of 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 doing the 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 as Exhibit B], 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.

2.3 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 following fee schedule in Exhibit B.

2.5 Reimbursable Expenses. Reimbursable expenses are specified below, and shall not exceed [REDACTED] (\$ [REDACTED]). 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:
[REDACTED]

2.6 Payment of Taxes. Consultant is solely responsible for the payment of employment taxes incurred under this Agreement and any similar federal or state taxes.

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 Commercial General Liability (CGL): 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. The required

insurance limits may be met if an umbrella insurance provision explicitly supplements both the CGL and general aggregate limits to reach the required threshold. 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 Automobile Liability Insurance. 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 Workers' Compensation Insurance. 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. Additional insured status under the 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 **Certificate of Insurance and Endorsements.** 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 **Subcontractors.** 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 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, the City, its officials, officers, employees, agents, or volunteers.

5.2 If Consultant's obligation to defend, indemnify, and/or hold harmless arises out of Consultant's performance of "design professional" services (as that term is defined under Civil Code section 2782.8), then, and only to the extent required by Civil Code section 2782.8, which is fully incorporated herein, Consultant's indemnification obligation shall be limited to claims that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant, and, upon Consultant obtaining a final adjudication by a court of competent jurisdiction, Consultant's liability for such claim, including the cost to defend, shall not exceed the Consultant's proportionate percentage of fault.

5.3 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.

5.4 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 Independent Contractor. 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 Subparagraph 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 to enroll 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 Compliance with Applicable Laws. Consultant and any subcontractors shall comply with all laws applicable to the performance of the work hereunder.

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 Licenses and Permits. 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 Subsection 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 1771.4 and 1776), hours of labor (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 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 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 this Agreement beyond that provided for in Subsection 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.

8.4 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 Survival. 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' 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 Exhibit A 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 Exhibit A 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 the work.

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 prepares or 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 City and 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 otherwise known to Consultant or 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 Consultant's Books and Records. 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 to this Agreement.

9.4 Inspection and Audit of Records. 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 Venue. 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 Successors and Assigns. 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.*

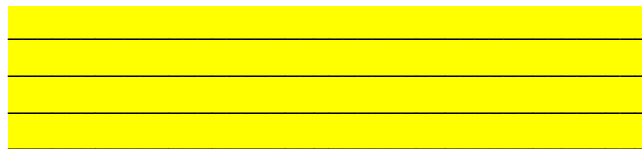
Consultant hereby warrants that it is not now, nor has it been in the previous twelve (12) months, an employee, agent, appointee, or official of the City. If Consultant was an employee, agent, appointee, or official of City in the previous twelve months, Consultant warrants that it did not participate in any manner in the 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 § 1090 and, if applicable, will be disqualified from holding public office in the State of 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 attachment or 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 Contract Administration. This Agreement shall be administered by Scott Buenting ("Contract Administrator"). All correspondence shall be directed to or through the Contract Administrator or his or her designee.

10.10 Notices. Any written notice to Consultant shall be sent to:



Any written notice to City shall be sent to:

Capital Improvements Division
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

10.11 Integration. This Agreement, including the scope of work attached hereto and incorporated herein as Exhibit A, and all 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:

CITY OF ANTIOCH

Bessie Marie Scott
City Manager

Attest:

Melissa Rhodes
City Clerk

Approved as to Form:

Thomas Lloyd Smith
City Attorney

CONSULTANT:

[NAME OF CONSULTANT]

By: _____

Name: _____

Title: _____

By: _____

Name: _____

Title: _____

[Two signatures are required for a corporation or one signature with the corporate bylaws indicating that one person can sign on behalf of the corporation]

EXHIBIT A
SCOPE OF WORK

**EXHIBIT B
PAYMENT SCHEDULE**

Attachment B
Evaluation Criteria

WRITTEN PROPOSAL	MAXIMUM POINTS	REVIEWER SCORE
Introductory Letter - Qualification and experience of the firm, reflects understanding of scope, ability to provide timely services, willingness to sign contract without changes, and responsiveness.	20	
Project Manager - Qualifications and experience of the project manager on overseeing similar projects. Experience with city, state, and federal projects, and procedures and standards.	15	
Project Team - Qualifications and experience of the project team on similar projects.	10	
Quality of Work Plan - Understanding of steps necessary to move the project forward.	15	
SUBTOTAL FOR SHORTLISTING	60	
References	10	
SUBTOTAL WITH REFERENCES	70	
INTERVIEW		
Presentation by Project Manager - Understanding of scope, critical issues, innovation, and solutions.	10	
Presentation by supporting staff - Experience, roles and responsibilities, communication and coordination between consultant staff, agencies, and City.	10	
Q&A - Response to panel's questions.	10	
SUBTOTAL WITH INTERVIEWS	30	
TOTAL	100	
RANKING OF CONSULTANT FIRM (assigned after completion of scoring)		

Panel Member Name: _____

Consultant Firm: _____

ATTACHMENT "C"

**APPLICATION FORM FOR LOCAL
HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP)**Application ID 04-Antioch-1

LAPG 9-A (REV 04/2022)

Page 1 of 5

APPLICATION SUMMARY

This summary page is filled out automatically once the application is completed.

After the application is finalized, please save this PDF form using the exact "Application ID" (shown below) as the file name.

Application ID 04-Antioch-1

Important: Review and follow the [Application Form Instructions](#) step-by-step as you complete the application. Completing an application without referencing the instructions will likely result in an incomplete application or an application with fatal flaws that will be disqualified from the ranking and selection process.

Submitted By (Agency)

Antioch

Application Category

Benefit Cost Ratio (BCR)

Caltrans District

04

Application Number

1

Out of

3

Project Location

69 Signalized Intersections along Multiple Roadway Segments within City of Antioch

Project Description

Improve signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number; Install pedestrian countdown signal heads; and Install advance stop bar before crosswalk (Bicycle Box).

Total Project Cost

\$2,800,600

HSIP Funds Requested

\$2,520,540

Benefit Cost Ratio (BCR)

19.43

**APPLICATION FORM FOR LOCAL
HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP)**Application ID 04-Antioch-1

LAPG 9-A (REV 04/2022)

Page 2 of 5

Basic InformationDate: Caltrans District: MPO: Agency: County: Total number of applications being submitted by your agency: Application Number (each application must have a unique number): Check if this application is one of the multiple ones for the same project (please review the form instructions for explanation).**Contact Person Information**Name (Last, First): Position/Title of Contact Person: Email: Telephone: Extension: Address: City: Zip Code:

(Enter only a 5-digit number)

Application Category: **Project Information**

Project Title:

-Be Brief (Limited to 100 Characters)

Project Location:

-Be Brief (Limited to 250 Characters)

-See [Application Form Instructions](#)

Project Description:

-Be Brief (Limited to 250 Characters)

-See [Application Form Instructions](#)**Total Project Cost**

\$2,800,600

HSIP Funds Requested

\$2,520,540

Benefit Cost Ratio (BCR)

(Required for a BCR application. Skip for Funding Set-Aside application)

19.43

APPLICATION FORM FOR LOCALApplication ID 04-Antioch-1**HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP)**

LAPG 9-A (REV 04/2022)

Page 3 of 5

1. Project Identification

Describe how the agency identified the project as one of its top safety priorities. Was a data-driven safety evaluation of their entire roadway network completed? Do the proposed project locations represent some of the agency's highest fatal and injury crash concentrations and types of crashes?

(Limited to 5,000 characters)

City of Antioch completed a comprehensive Local Roadway Safety Plan (LRSP) that will implement countermeasures based on a Safe Systems Approach framework, consistent with Countywide Vision Zero adopted in September 2021. During the preparation of the LRSP, stakeholders were identified and engaged throughout the project. In addition, Community Outreach was conducted as part of the project. Community input was solicited by a project website with an interactive map tool platform. City of Antioch located in Contra Costa County covering a total area of just under 30 square miles. The City's estimated population is 111,506 (ACS 2019 1- Year Estimate). The most of the community input was related to speeding, intersection safety and pedestrian safety.

Based on the collision analysis conducted for the LRSP project included a five-year period from 2014 to 2018 from the California Highway Patrol's Statewide Integrated Traffic Records System (SWITRS) and the University of California at Berkeley SafeTREC's Transportation Injury Mapping Service (TIMS). Based on the analysis for collisions of all severity, including PDO collisions, 85% collisions occurred at intersections within the City of Antioch. The most common collision types occurring at intersections were broadside and rear-end collisions. The most common primary collision factor for collisions occurring at intersections was unsafe speed and improper turning. About 47 percent of rear-end collisions have occurred due to unsafe speed.

There were a total of 2,920 collisions reported City-wide from 2014 to 2018. Out of these 2,920 collisions, 1,667 collisions (57%) were PDO collisions, 815 collisions (28%) led to complaint of pain, and 291 collisions (10%) led to a visible injury. There were 147 KSI collisions (5% of total) out of which, 122 collisions (4%) led to a severe injury and 25 collisions (1%) led to a fatality.

Most of the "killed or severely injured" (KSI) collisions have occurred on Hillcrest Avenue, 18th Street, Lone Tree Way, A Street, West 10th Street and Deer Valley Road. Unsafe speed, traffic signals and signs, and Auto right-of-way violation have been observed to be the top primary collision factors for the collisions occurring on these streets in the City of Antioch. Visibility is observed to be an issue and improving visibility for motorists as well as non-motorists will help navigate these locations better. About 22% of KSI collisions have been vehicle-pedestrian collisions.

Enhancing the signal hardware (lenses, back-plates with retroreflective borders, mounting, size and number) will provide better visibility of intersection signals and aid the drivers in advance perception of the upcoming intersection. Installation of pedestrian countdown signal heads will enhance pedestrian safety and result in reduction of collision between pedestrian and vehicles. Installation of advance stop bar before crosswalk will enhance pedestrian and bicycle safety by providing buffer between the vehicles and pedestrian and bicycles.

2. Prior Attempts to Address the Safety Issues

List all other projects/countermeasures that have been (or are being) deployed at the location(s) within the last 5 years. Applicants must identify all federal and/or state funds that have been used or approved within the proposed project limits within the last 5 years. Normally HSIP funding cannot be used to construct safety countermeasures at the same locations within 5 years.

(Limited to 5,000 characters)

City of Antioch have not received any federal and/or state funding that have been used or approved within that last 5 years at the project locations.

3. Other Comments

Explain here if this project has any special circumstances or if you have other comments. Enter "NA" if none.

(Limited to 5,000 characters)

Not Applicable

**APPLICATION FORM FOR LOCAL
HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP)**

Application ID 04-Antioch-1

LAPG 9-A (REV 04/2022)

Page 4 of 5

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**APPLICATION FORM FOR LOCAL
HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP)**Application ID 04-Antioch-1

LAPG 9-A (REV 04/2022)

Page 5 of 5

Application Attachments (See [Application Form Instructions](#))Please attach all files as needed. **Note: files may not be attachable if file is open. Close before attach.**

1. Local Roadway Safety Plan (LRSP) Certification (Required for all projects) 1 LRSP Cert.pdf
2. Engineer's Checklist (Required for all projects) 2 checklist app 1.pdf
3. Vicinity map/Location map (Required for all projects) High Collision Network Intersections Antioch_0A.png
4. Project maps/plans showing existing and proposed conditions (Required for all projects) Concept_App1.pdf
5. Pictures of Existing Condition (Required for all projects) Compile PDF_Existing Conditions Pictures.pdf
6. HSIP Analyzer (Required for all projects) HSIPAnalyzer2022BCRs_City of Antioch_v5.pdf
7. Collision diagram(s) (Required for this project) Compiled File_Crash Diagrams.pdf
8. Collision List(s) (Required for this project) Intersections List & Grouping.xlsx

Warrant Studies

- Check if the project includes new installation of certain traffic control devices (e.g., traffic signals, pedestrian signals, etc.). If yes, Traffic Signal Warrant 4, 5 and/or 7 must be met (CA MUTCD Chapter 4C).

9. Warrant Studies (Not required for this project)
--

Work on the State Highway System

Does the project include improvements on the State Highway System?

- Yes, and the project will be jointly-funded with Caltrans
(Must be jointly-funded if the project is for intersection safety improvement involving SHS).
A formal Letter of Support from Caltrans District Traffic is required. The letter should include estimates of cost sharing.
- Yes, but the project will not be jointly-funded with Caltrans.
A written correspondence from Caltrans District Traffic is required. The correspondence should indicate that Caltrans does not see issues that would prevent the proposed project from receiving an encroachment permit.
- No.

10. Written Correspondence of support from Caltrans District Traffic (Required for this project) 10 caltrans support hsip.pdf
11. Additional narration, documentation, letters of support, etc. (Optional) Intersections List & Grouping.pdf



Local Roadway Safety Plan (LRSP) Certification

Date: September 8, 2022
To: Caltrans Local Assistance
From: City of Antioch
Subject: Local Road Safety Plan (LRSP) Certification

In order to apply for the local Highway Safety Improvement Program (HSIP) funds, an agency must have completed their Local Roadway Safety Plan (LRSP) or an equivalent of the LRSP, such as Systemic Safety Analysis Report (SSAR) or Vision Zero Action Plan. The LRSP or its equivalent must be updated and validated at least every five years. It is strongly recommended that the LRSP (or its equivalent) and its update be approved by the agency's Board or Council.

The City of Antioch certifies that it has completed an LRSP (or its equivalent). The LRSP (or its equivalent) is data driven and facilitates a comprehensive approach to addressing road safety.

You may direct any questions regarding the LRSP to Lori Medeiros at (925) 779-2123 or LMedeiros@antiochca.gov.

Signature:  Title: 



HSIP Cycle 11 Application – Engineer’s Checklist (For BCR Applications)

This application checklist is to be used by the engineer in “responsible charge” of the preparation of this HSIP application, based on the final application and application attachments as submitted to Caltrans. The engineer’s initials and stamp should not be placed until the application has been finalized.

The purpose of this checklist is to ensure all of the primary elements of the application are included and the application is free of errors, allowing the application to be accurately ranked in the statewide selection process. Applications with errors in the supporting data will not be considered in the project selection process.

Special Considerations for Engineers before signing and stamping this document attesting to the accuracy of the application:

Chapter 7; Article 3; Section 6735 of the Professional Engineer’s Act of the State of California requires engineering calculations or reports be either prepared by or under the responsible charge of a licensed civil engineer. Since the corresponding HSIP application defines the scope of work of a future civil construction project and requires complex engineering principles and calculations which are based on the best data available at the time of the application, the application must be signed and stamped by a licensed civil engineer. By signing and stamping this document, the engineer is attesting to this application’s technical information and engineering data upon which local agency’s recommendations, conclusions, and decisions are made. This action is governed by the Professional Engineer’s Act and the corresponding Code of Professional Conduct, under Sections 6775 and 6735.

1. Vicinity map /Location map

Engineer’s Initials: SB

- a. The project limits must be clearly depicted in relation to the overall agency boundary

2. Project layout-plan showing existing and proposed conditions must:

Engineer’s Initials: SB

- a. Be to a scale which allows the visual verification of the overall project limits and the construction limits of each safety countermeasure (CM) included in the application’s benefit calculation
- b. Show the full scope of the proposed project, including any non-safety construction items
- c. Show the “Influence Area” for each safety CM included in the application’s benefit calculation
- d. Show all changes to existing lanes and shoulder widths. Label the proposed widths
- e. Show limits of all roadway excavation/demolition
- f. Show agency’s right of way (ROW) lines. (Also show ROW of the State, Railroad, and all other government agencies if applicable)

3. Project cross-section showing existing and proposed conditions.

(Only required for projects with roadway excavation, cut/fill slopes, and changes to lane widths)



Check if not applicable (no initials required when not applicable)

Engineer’s Initials: _____

- a. Show dimension, changes, ROW lines, safety CMs, etc.

4. Countermeasure Selection:

Engineer's Initials: SB

- a. The CMs used are appropriate and reasonable based on the application instructions and the Local Roadway Safety Manual.

5. Crash Data used in the Benefit Cost Ratio (BCR) calculations:

Engineer's Initials: SB

- a. Must be from a reliable and well documented source
- b. Must be within influence area of CMs and must be applied to CMs using generally accepted traffic engineering principles
(Example: If the CM only addresses the northbound lanes of a divided roadway, then southbound crashes should be excluded.)
- c. Must be accurately shown in collision diagrams and collision lists attached to this application
- d. Must be presented in terms of the number of crashes (not the number of injuries and fatalities)
- e. Should be based on the most recent data available and must have a minimum 3 years and maximum 5 years of data (Note: COVID pandemic may have impacted traffic volumes and crash patterns at the project sites. Applicants are allowed to use crash data prior to COVID pandemic if desired)

6. Collision Diagrams (Shown separately by CM or combined)

Engineer's Initials: SB

- a. Should be to scale with crash locations accurately plotted
- b. Reveal collision patterns necessary to justify CMs
- c. The influence area for each CM is shown separately on the diagrams (unless the areas are identical)
- d. All crashes included in the BCR Calculation must be clearly shown within the influence area of that CM
- e. Totals for each Location and/or CM are shown with crashes segregated based on Crash Severity
- f. The totals shown match the data in the Collision Lists and the crash data tables in the HSIP Analyzer

7. Collision Lists (Shown separately by CM or combined)

Engineer's Initials: SB

- a. Totals for each Location and/or CM are shown with crashes segregated based on Crash Severity
- b. If the Lists includes crashes that were not appropriate to include in the BCR calculations, these crashes must be crossed through or removed and not included in the totals
- c. The totals shown match the data in the Collision Diagrams and the crash data tables in the HSIP Analyzer
- d. Each crash is only counted as one, even if there were multiple victims and/or vehicles involved

8. Detailed Engineer's Estimate and Project Cost Estimate (HSIP Analyzer – Sections IV & V)

Engineer's Initials: SB

- a. All likely construction costs associated with the project are identified and included in Section IV (Construction Cost Estimate and Cost Breakdown)
- b. Each of the main project elements are broken out into separate construction items. The costs for the construction items are based on calculated quantities and appropriate corresponding unit costs
- c. For each non-general construction item, the "Countermeasure(s)", "Other Safety" and "Non-safety" components must be properly identified and accounted for
- d. The Total Construction Cost in Section IV must match the "Construction Items – Total Cost" in Section V (Project Cost Estimate) (automatic in the HSIP Analyzer)
- e. The project costs of all phases must be properly accounted for in Section V

9. Benefit Calculation (HSIP Analyzer – Sections III)

Engineer's Initials: SP

- a. The CMs applied are selected properly based on the proposed work for safety improvements;
- b. The crash data time period should be a minimum of 3 years and a maximum of 5 years and the most recent available crash data should be used (Note: COVID pandemic may have impacted traffic volumes and crash patterns at the project sites. Applicants are allowed to use crash data prior to COVID pandemic if desired).
- c. The data in the crash data tables for each location must include only the crashes for the specified crash types and must match those in the Collision Diagrams and the Collision Lists.
- d. The totals for each Location match the totals shown in the Collision Diagrams and Collision Lists
- e. The data transferred to the application form must match the data in the HSIP Analyzer

10. Warrant studies/guidance (Check if not applicable)

Check if not applicable (no initials required when not applicable)

Engineer's Initials: _____

- a. For new signals, Warrant 4, 5 or 7 must be documented as having been met based on the CA MUTCD. For pedestrian signals (including Pedestrian Hybrid Beacon (HAWK)), the justification may be Warrant 4, 5 and/or 7, or passing the test in Figure 4F-1/4F-2 in Chapter 4F of CA MUTCD.

11. Additional narration, documentation, letters of support:

Engineer's Initials: SB

- a. The answers to the "Narrative Questions" in the application form and the HSIP Analyzer are consistent with and support the engineering logic and the calculations in the development of the application's BCR
- b. When needed, clarify non-standard application of countermeasures, crashes and/or costs; appropriate documentation is attached to the application to document the engineering decisions and calculations.

Signature and Stamp Page

Licensed Engineer:

Name: SCOTT BUENTING
 Title: PROJECT MANAGER
 Engineer License Number: C 67422
 Signature: [Handwritten Signature]
 Date: 9/8/22
 Email: sbuenting@antiahsca.gov
 Phone: 925-779-7050

Engineer's Stamp:



To ensure the application's quality and the agency's commitment to deliver the safety project in an expedited manner, the application must be signed by the Agency's Transportation/Traffic Engineering Manager.

By signing this application, the manager is attesting to:

1. All data in the application is accurate and represents the total scope of the planned project;
2. The agency understands the Project Delivery Requirements for the HSIP Program and is prepared to deliver the project per these requirements; and
3. The agency understands if Caltrans staff determine that any of the above requirements are not met, or data is inaccurate, or the application fails to meet the program guidelines and application instructions, the application will be rejected and will not be eligible to receive HSIP funding. Due to time constraints in the evaluation process, applicants will not be notified until after the selection process is complete. Refer to the Application Instructions for more information.

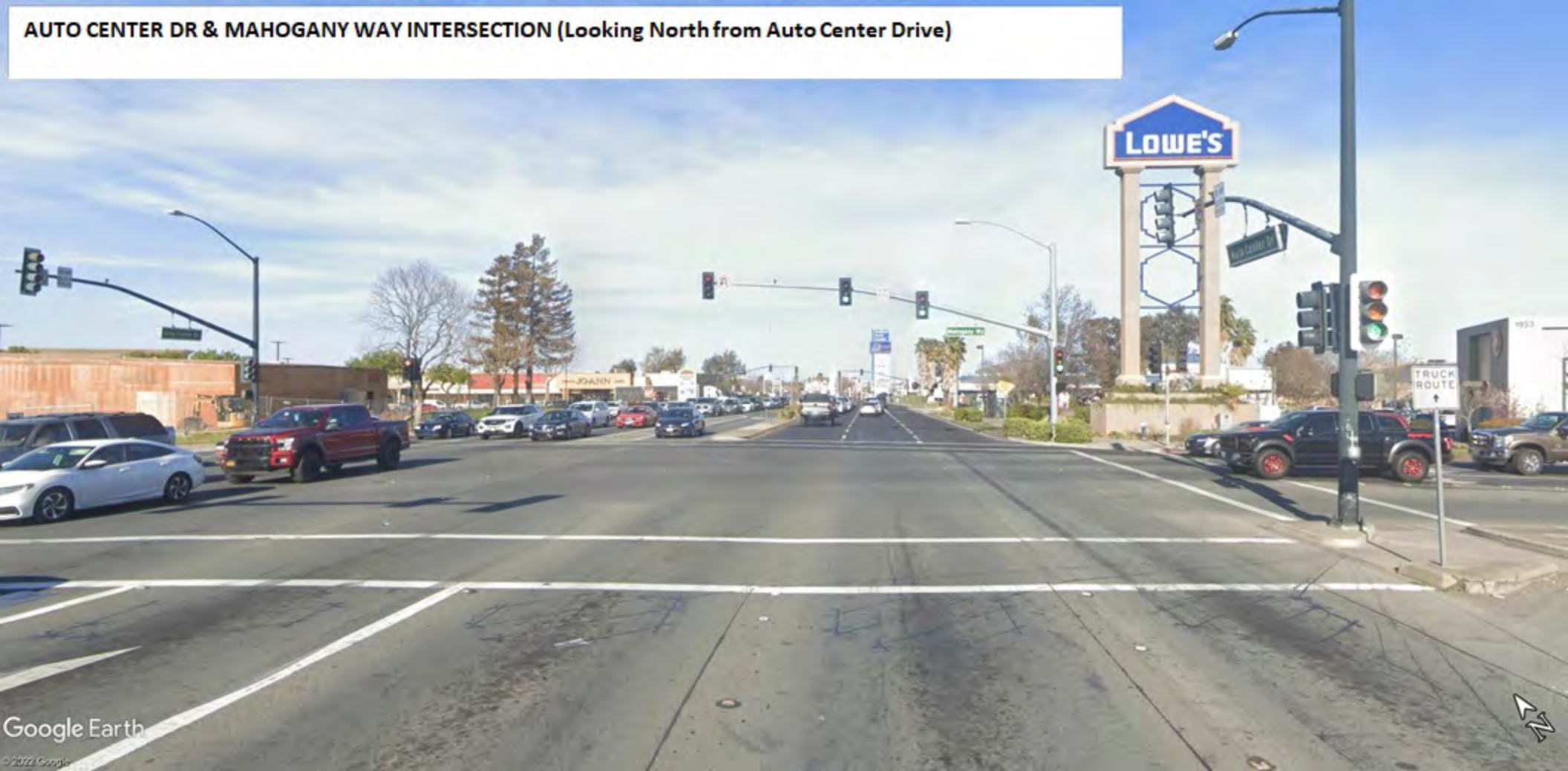
Transportation Manager:

Name: CHARMINE SOLLA, PE, TE, PTOE
 Title: CONSULTANT TRAFFIC ENGINEER
 Signature: [Handwritten Signature]
 Date: 9.8.22

A street and Sunset Drive/Rossi Avenue Intersection (Looking North From A street)



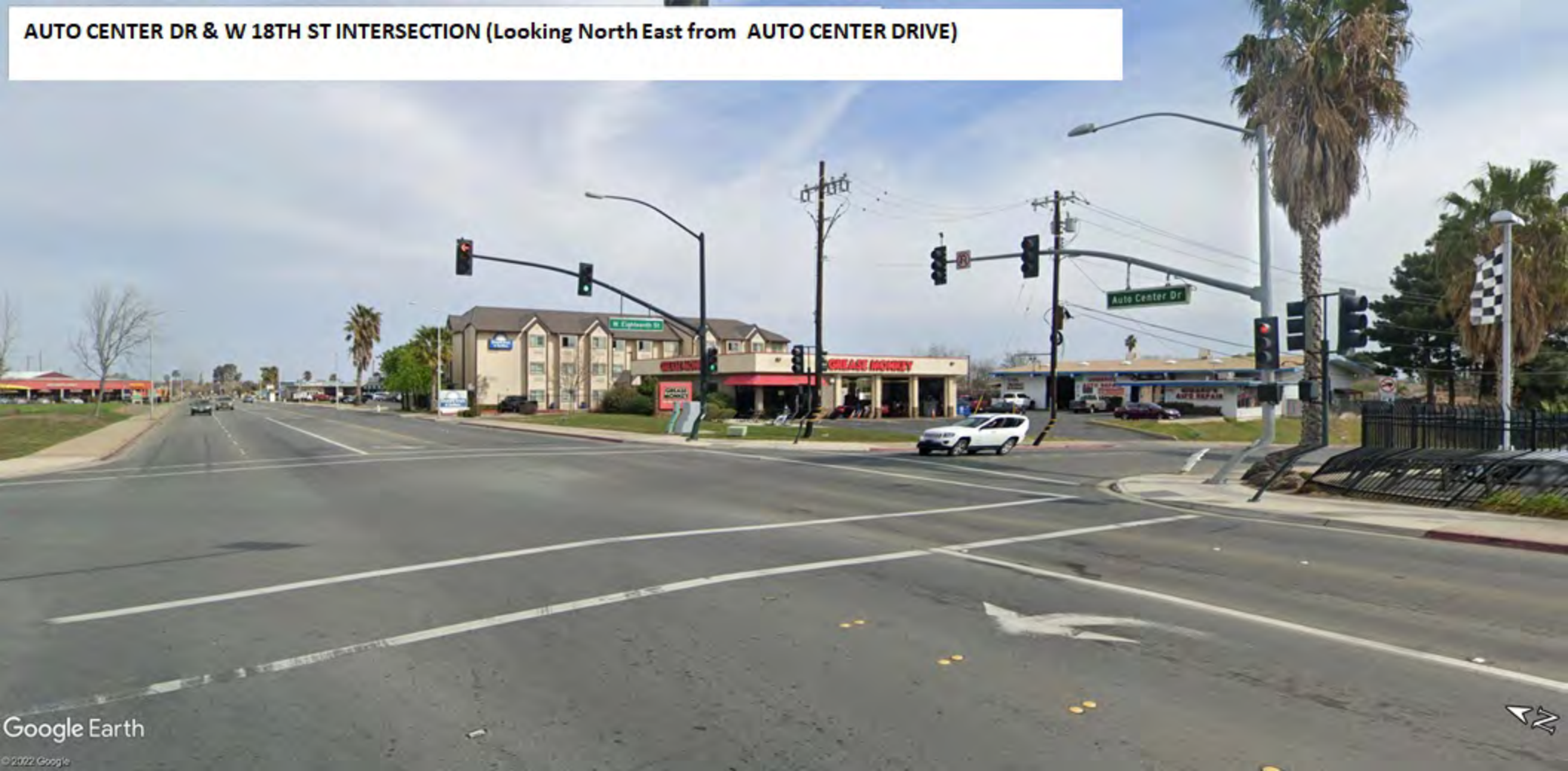
AUTO CENTER DR & MAHOGANY WAY INTERSECTION (Looking North from Auto Center Drive)



AUTO CENTER DR & W 10TH ST (Looking North East from AUTO CENTER DR)



AUTO CENTER DR & W 18TH ST INTERSECTION (Looking North East from AUTO CENTER DRIVE)



DEER VALLEY RD & BLUEROCK DR Intersection (Looking North East from DEER VALLEY ROAD)



DEER VALLEY ROAD AND HILLCREST TERRACE CT INTERSECTION (Looking North West from Hillcrest Terrace CT)



DEER VALLEY ROAD AND ROCKY POINT DRIVE INTERSECTION (Looking North from ROCKY POINT DRIVE)



Google Earth

© 2022 Google

2.80 m



DELTA FAIR BLVD & BELLE DRIVE INTERSECTION (Looking North West from DELTA FAIR BLVD)



Google Earth

© 2022 Google

3.43 m

E 18TH ST & CAVALLO RD (Looking North from E 18TH ST)



Google Earth

©2022 Google

2.99 m



E 18TH STREET & DRIVE IN WAY INTERSECTION (Looking North from HOLUB LANE)



E 18TH STREET & PHILLIPS LANE INTERSECTION (Looking North EAST from E 18TH ST)



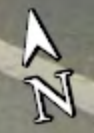
Google Earth

© 2022 Google

3.75 m



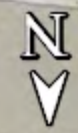
Empire Avenue & Wicklow Way Interstction (Looking North from Empire Avenue)



JAMES DONLON BL & CONTRA LOMA BL Intersction (Looking North West from James Donlon Blvd)



JAMES DONLON BL & G ST Intersction (Looking South from G Street)



KENDREE ST & DELTA FAIR BL Intersction (Looking North West from Delta Fair BLVD)



LONE TREE WY & CANADA VALLEY RD Intersection (Looking North from Canda Valley Road)



LONE TREE WY & HEIDORN RANCH RD Intersection (Looking North from HEIDORN RANCH RD)



LONE TREE WY & INDIAN HILL DR Intersection (Looking North from INDIAN HILL DR)



LONE TREE WY & JEFFERY WY Intersection (Looking North from Jeffery Way)



PANHANDLING
SAY NO TO
PANHANDLING

**CONTRIBUTE TO
THE SOLUTION**
GIVE TO LOCAL CHARITIES
AMC 6-10-301
CA. HIGHWAY CODE 22529.5

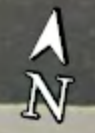
Jeffery Way



LONE TREE WY & RIDGEROCK DR Intersection (Looking North from RIDGEROCK DRIVE)



LONE TREE WY & SLATTEN RANCH RD Intersection (Looking North from SLATTEN RANCH RD)



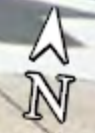
LONE TREE WY & W TREGALLAS RD Intersection (Looking North East from LONE TREE WY)



MOUNT HAMILTON DR & DALLAS RANCH RD Intersection (Looking North from DALLAS RANCH RD)



SAN JOSE DR & BUCHANAN RD Intersection (Looking North from SAN JOSE DR)



SOMERSVILLE RD & JAMES DONLON BL Intersection (Looking North from SOMERSVILLE RD)



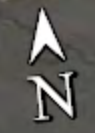
SUNSET DR & HILLCREST AV Intersection (Looking North from HILLCREST AVE)



WILBUR AV & MINAKER DR Intersection (Looking North WILBUR AV)



A ST & W 9TH ST Intersection (Looking North from A ST)



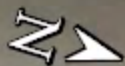
BLYTHE DR & JAMES DONLON BL (Looking North from JAMES DONLON BL)



BUCHANAN RD & DELTA FAIR BL (Looking North from BUCHANAN RD)



BUCHANAN RD & SOMERSVILLE RD (Looking North-East from BUCHANAN RD)



CARPINTERIA DR & DEER VALLEY RD (Looking North-East from CARPINTERIA DR)



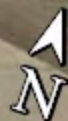
CONTRA LOMA BL & PUTNAM ST (Looking North-East from PUTNAM ST)



Google Earth

©2022 Google

2.97 m



DEER VALLEY RD & COUNTRY HILLS DR (Looking North-West from DEER VALLEY RD)



DEER VALLEY RD & HILLCREST AV (Looking North from HILLCREST AV)



DELTA FAIR BL & SOMERSVILLE RD (Looking North-West from DELTA FAIR BL)



Google Earth

©2022 Google

3.55 m

E 18TH ST & A ST (Looking North from E 18TH ST)



E 18TH ST & VIERA AV (Looking North from E 18TH ST)



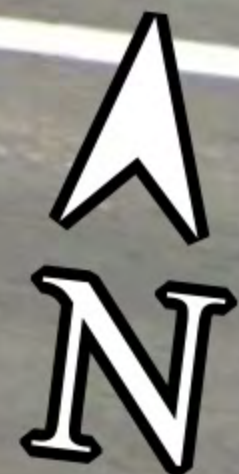
Google Earth

©2022 Google

3.19 m



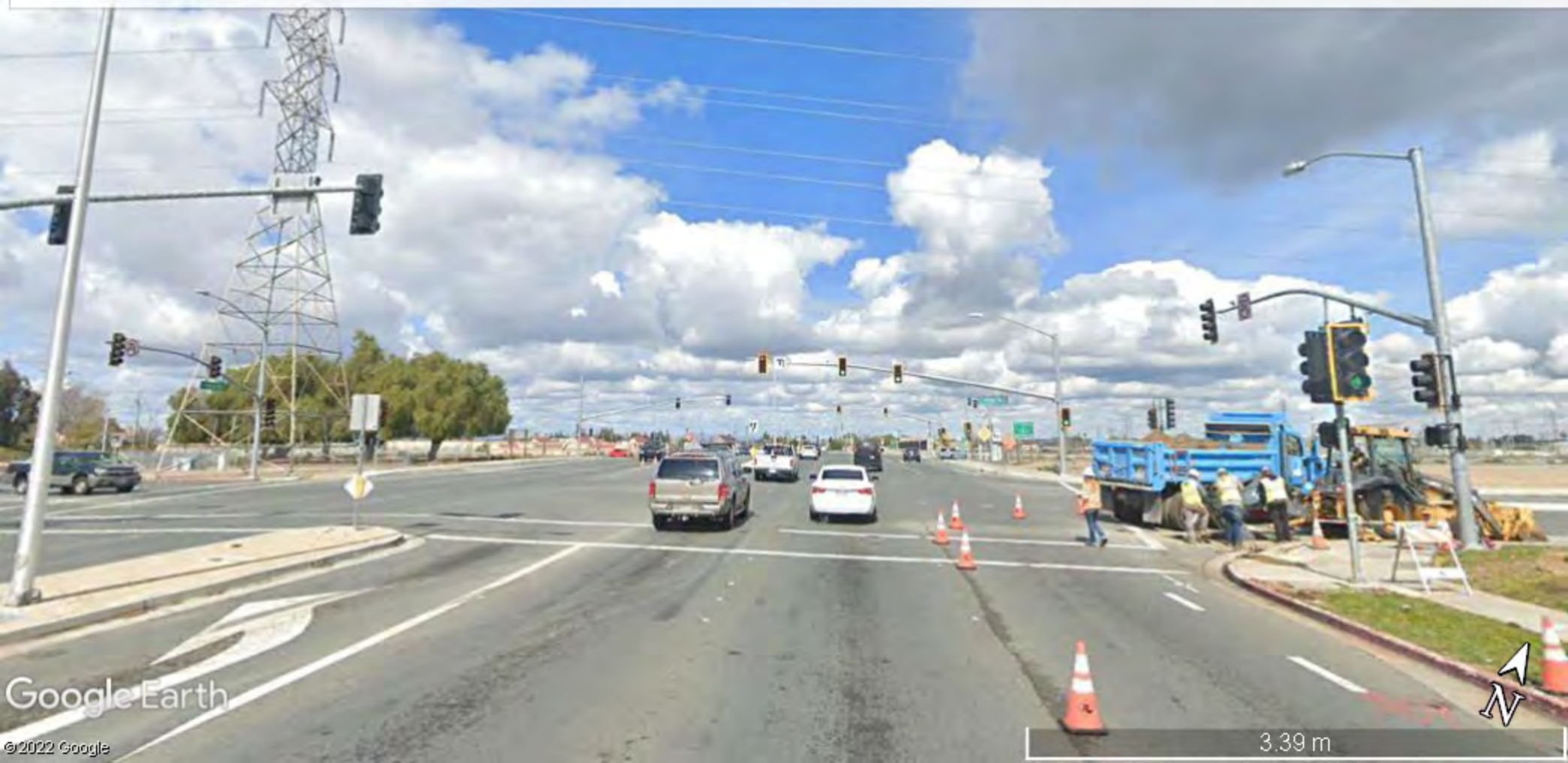
EAST 18TH ST & HILLCREST AV (Looking North from E 18TH ST)



HILLCREST AV & COUNTRY HILLS DR (Looking North-East from COUNTRY HILLS DR)



HILLCREST AV & EAST TREGALLAS RD (Looking North-East from EAST TREGALLAS RD)



Google Earth

© 2022 Google

3.39 m



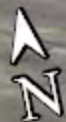
HILLCREST AV & HILLCREST AV & HIDDEN GLEN DR (Looking North from HIDDEN GLEN)



Google Earth

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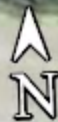
4.14 m



HILLCREST AV & STERLING HILL DR (Looking North-West from HILLCREST AV)



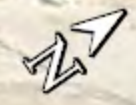
HILLCREST AV & VIA DORA DR (Looking North from HILLCREST AV)



HILLCREST AV & WILDFLOWER DR (Looking North-West from HILLCREST AV)



HILLCREST AV & WILDHORSE DR (Looking North-West from HILLCREST AV)



L ST & SYCAMORE DR Intersection (Looking North L Street Road)



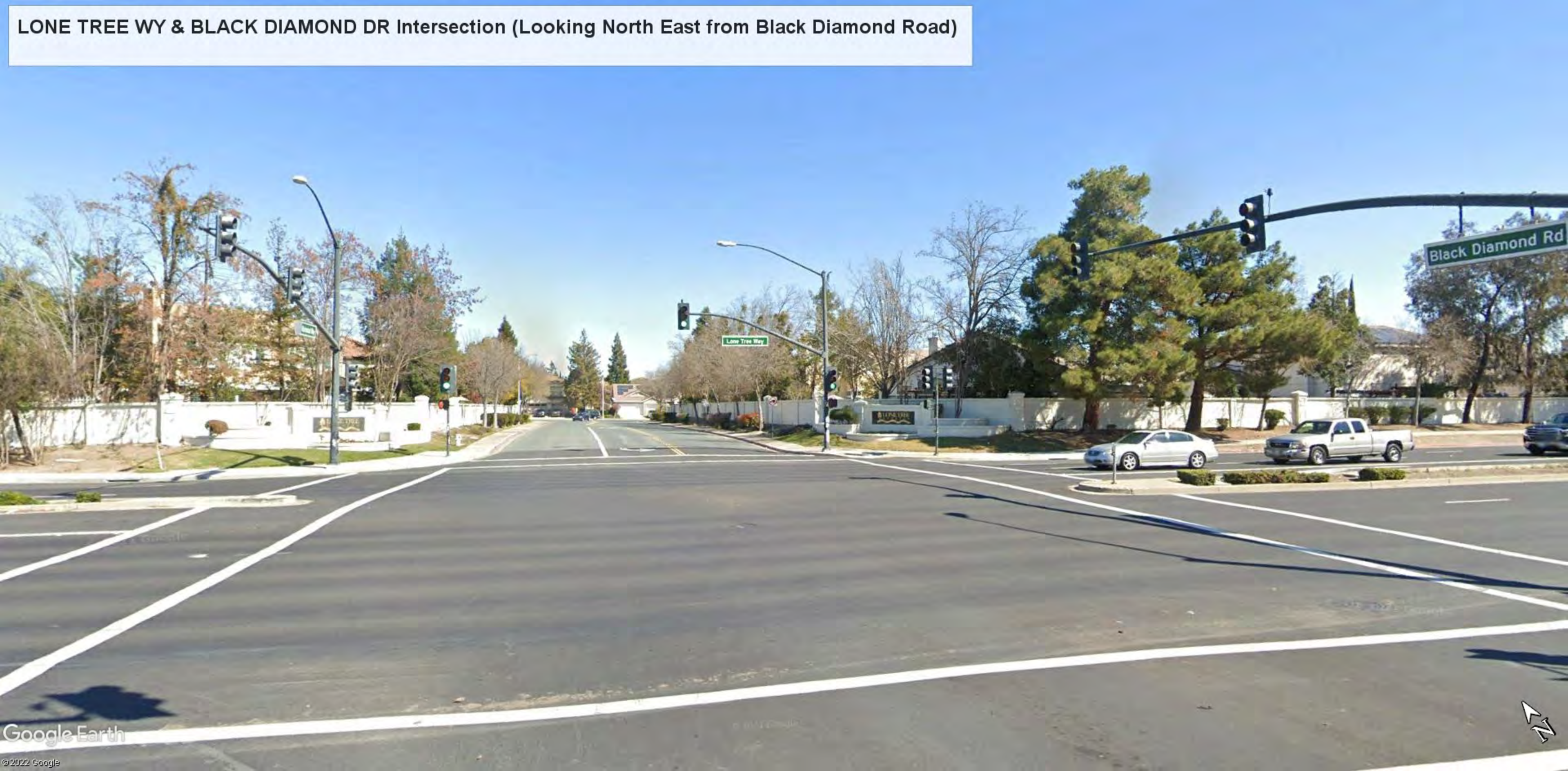
L ST & W 10TH ST Intersection (Looking North L Street Road)



L ST & W 18TH ST Intersection (Looking North L Street Road)



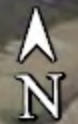
LONE TREE WY & BLACK DIAMOND DR Intersection (Looking North East from Black Diamond Road)



LONE TREE WY & BLUEROCK DR Intersection (Looking North West from Lone Tree Way)



LONE TREE WY & DAVISON DR Intersection (Looking North from Lone Tree Way)



LONE TREE WY & DEER VALLEY RD Intersection (Looking North East from Deer Valley Road)



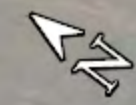
LONE TREE WY & EAGLERIDGE DR / DALLAS RANCH RD Intersection (Looking North East from Dallas Ranch Road)



LONE TREE Way & HILLCREST AV Intersection (Looking North East from Hillcrest Avenue)



LONE TREE WY & MOKELUMNE DR Intersection (Looking North East from Mokelumne DRIVE)



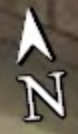
LONE TREE WY & SAGEBRUSH DR Intersection (Looking North from SAGEBRUSH DRIVE)



LONE TREE WY & VISTA GRANDE DR Intersection (Looking North from VISTA GRANDE DR)



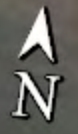
LONE TREE WY & WORRELL RD Intersection (Looking North from LONE TREE WY)



PREWETT RANCH DR & DEER VALLEY RD Intersection (Looking North from Deer Valley Road)



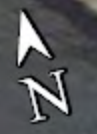
W 10TH ST & A ST Intersection (Looking North from A street)



DEER VALLEY ROAD & WILDFLOWER DRIVE Intersection (Looking North from DEER VALLEY ROAD)



LONETREE WAY & Empire Avenue Intersection (Looking North from Empire Avenue)



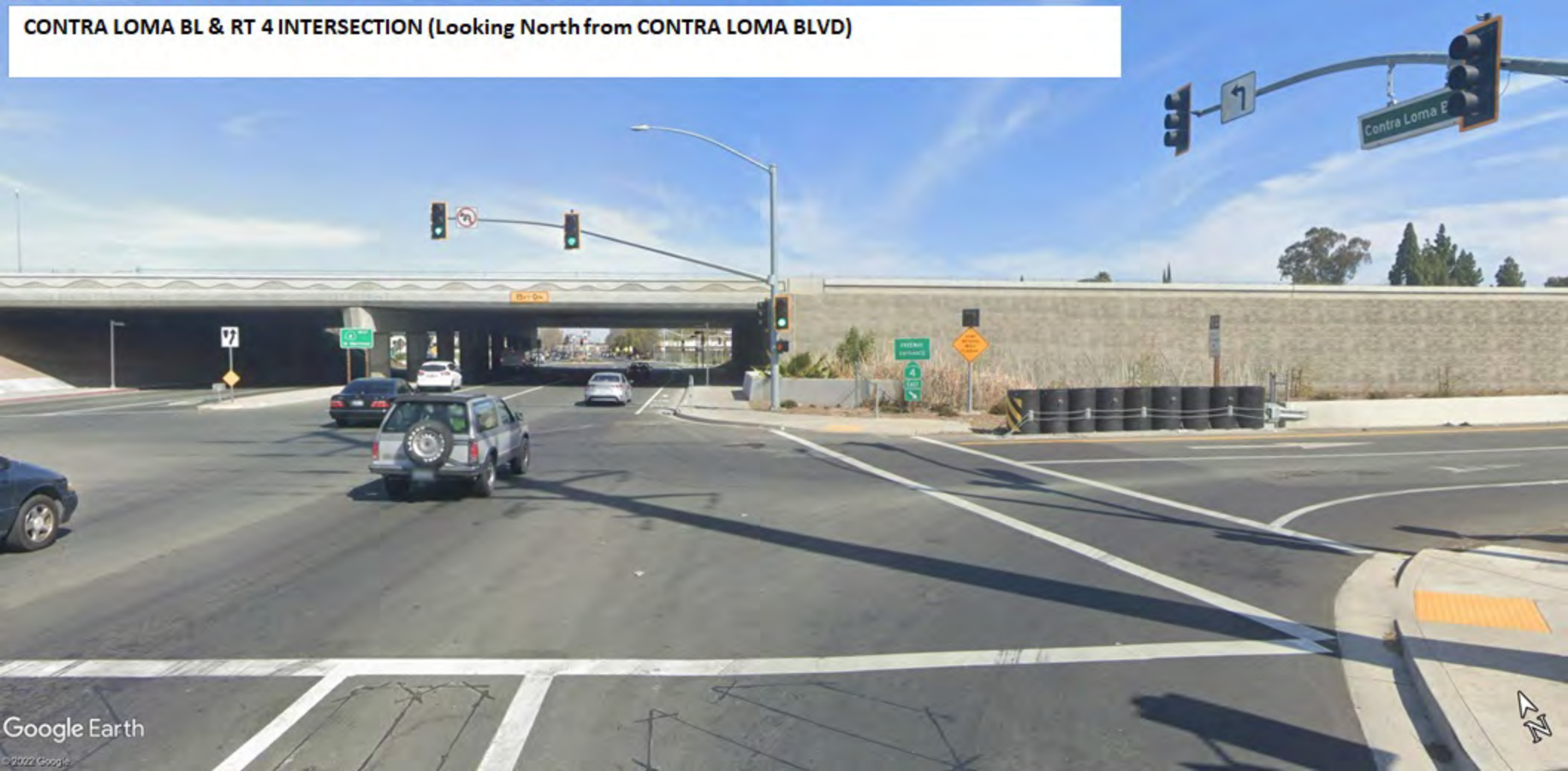
LONETREE WAY & CLAYBURN ROAD/SUNSET LANE Intersection (Looking North from LONETREE WAY)



GENTRYTOWN DR & JAMES DONLON BLVD Intersection (Looking North from Gentrytown Drive)



CONTRA LOMA BL & RT 4 INTERSECTION (Looking North from CONTRA LOMA BLVD)



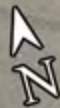
HILLCREST AV & RT 4 (Looking North-East from HILLCREST AV)



LAUREL RD & BYPASS HWY INTERSECTION (Looking North East from LAUREL ROAD)



LONE TREE WAY & BYPASS HWY INTERSECTION (Looking North from LONE TREE WAY)



CRASH DIAGRAM

Primary Street:
A ST

Secondary Street:
SUNSET DR

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	1
Mapped	1
Not Drawn	3
Total	4

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
8202391	11-30-2016	4	A ST	SUNSET DR	0	12	A	A ST & SUNSET DR
8655304	5-20-2018	3	A ST	SUNSET DR	0	12	D	A ST & SUNSET DR
8578264	1-20-2018	2	A ST	ROSSI AV	17	11	G	A ST & SUNSET DR
8338759	3-12-2017	4	SUNSET DR	A ST	0	9	D	A ST & SUNSET DR

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Date Created: 08/16/2022

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CRASH DIAGRAM

Primary Street:
 AUTO CENTER DR
 Secondary Street:
 MAHOGANY WY
 Time Period:
 January 2014 to December 2018
 Agency Name:
 City of Antioch

Mapping Summary:
 Fatal Crash 0
 Injury Crash 1
 Mapped 1
 Not Drawn 4
 Total 5

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↶ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↷ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
8324042	1-15-2017	4	MAHOGANY WY	AUTO CENTER DR	0	11	G	AUTO CENTER DR & MAHOGANY WY
8381615	5-26-2017	4	AUTO CENTER DR	CENTURY BL	0	0	B	AUTO CENTER DR & MAHOGANY WY
8582481	1-16-2018	2	AUTO CENTER DR	MAHOGANY WY	20	-	A	AUTO CENTER DR & MAHOGANY WY
7131295	10-13-2015	4	AUTO CENTER DR	MAHOGANY WY	100	7	B	AUTO CENTER DR & MAHOGANY WY
8425696	5-26-2017	4	AUTO CENTER DR	CENTURY BL	0	0	B	AUTO CENTER DR & MAHOGANY WY

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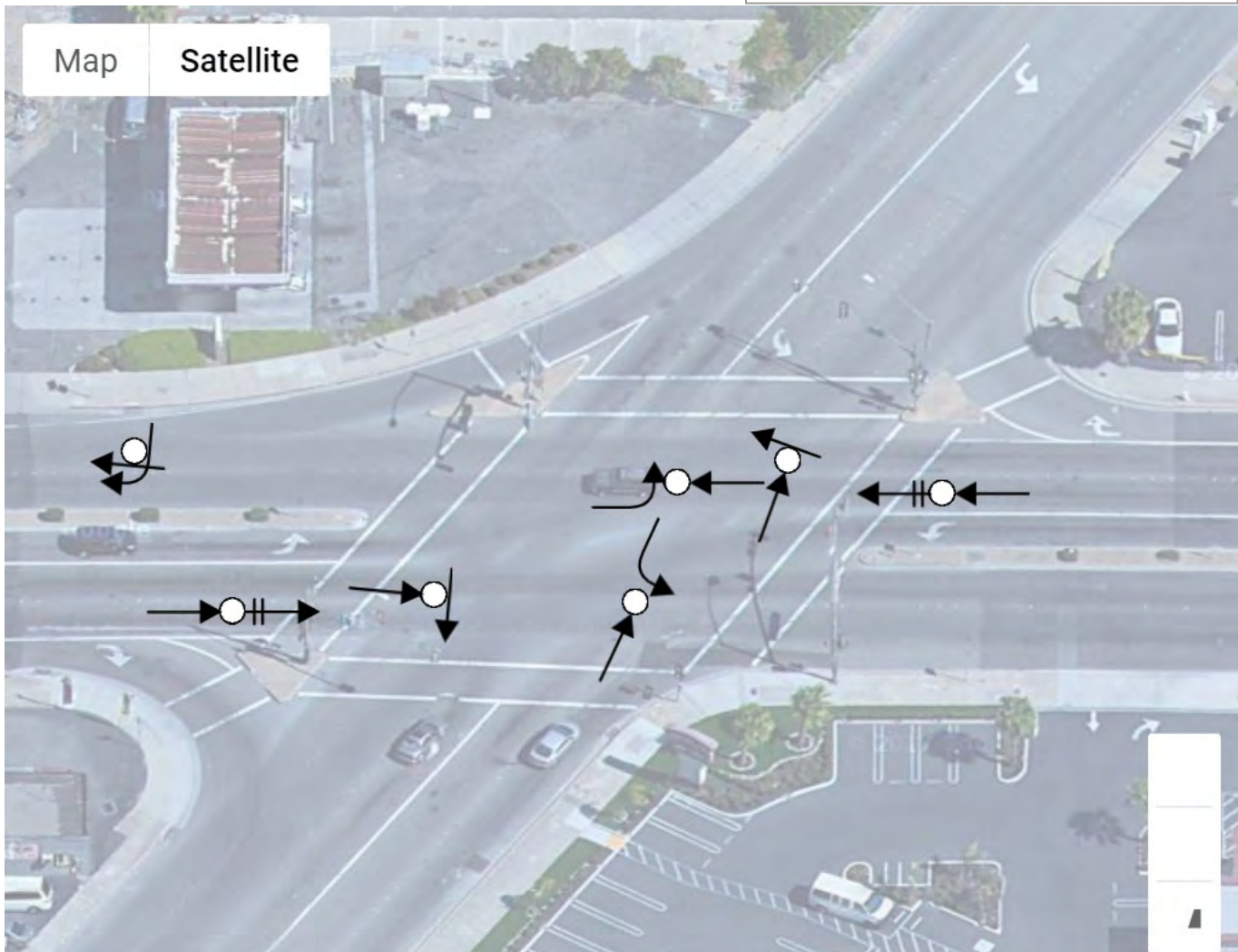
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CRASH DIAGRAM

Primary Street:
 AUTO CENTER DR
 Secondary Street:
 W 10TH ST
 Time Period:
 January 2014 to December 2018
 Agency Name:
 City of Antioch

Mapping Summary:
 Fatal Crash 0
 Injury Crash 7
 Mapped 7
 Not Drawn 1
 Total 8

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6526535	4-13-2014	4	AUTO CENTER DR	W 10TH ST	250	9	D	AUTO CENTER DR & W 10TH ST
6768055	11-6-2014	4	AUTO CENTER DR	W 10TH ST	0	12	D	AUTO CENTER DR & W 10TH ST
7188112	12-1-2015	3	AUTO CENTER DR	WEST 10TH ST	0	9	A	AUTO CENTER DR & W 10TH ST
8058647	3-2-2016	2	AUTO CENTER DR	W 10TH ST	0	18	H	AUTO CENTER DR & W 10TH ST
6647163	9-5-2014	4	W 10TH ST	AUTO CENTER DR	100	-	C	AUTO CENTER DR & W 10TH ST
6664020	7-22-2014	4	W 10TH ST	AUTO CENTER DR	0	3	C	AUTO CENTER DR & W 10TH ST
8356648	5-3-2017	4	W 10TH ST	AUTO CENTER DR	150	9	B	AUTO CENTER DR & W 10TH ST
8556250	11-19-2017	4	W 10TH ST	AUTO CENTER DR	0	12	D	AUTO CENTER DR & W 10TH ST

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CRASH DIAGRAM

Primary Street:
 AUTO CENTER DR
 Secondary Street:
 W 18TH ST
 Time Period:
 January 2014 to December 2018
 Agency Name:
 City of Antioch

Mapping Summary:

Fatal Crash	1
Injury Crash	1
Mapped	2
Not Drawn	0
Total	2

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅐 Parked	



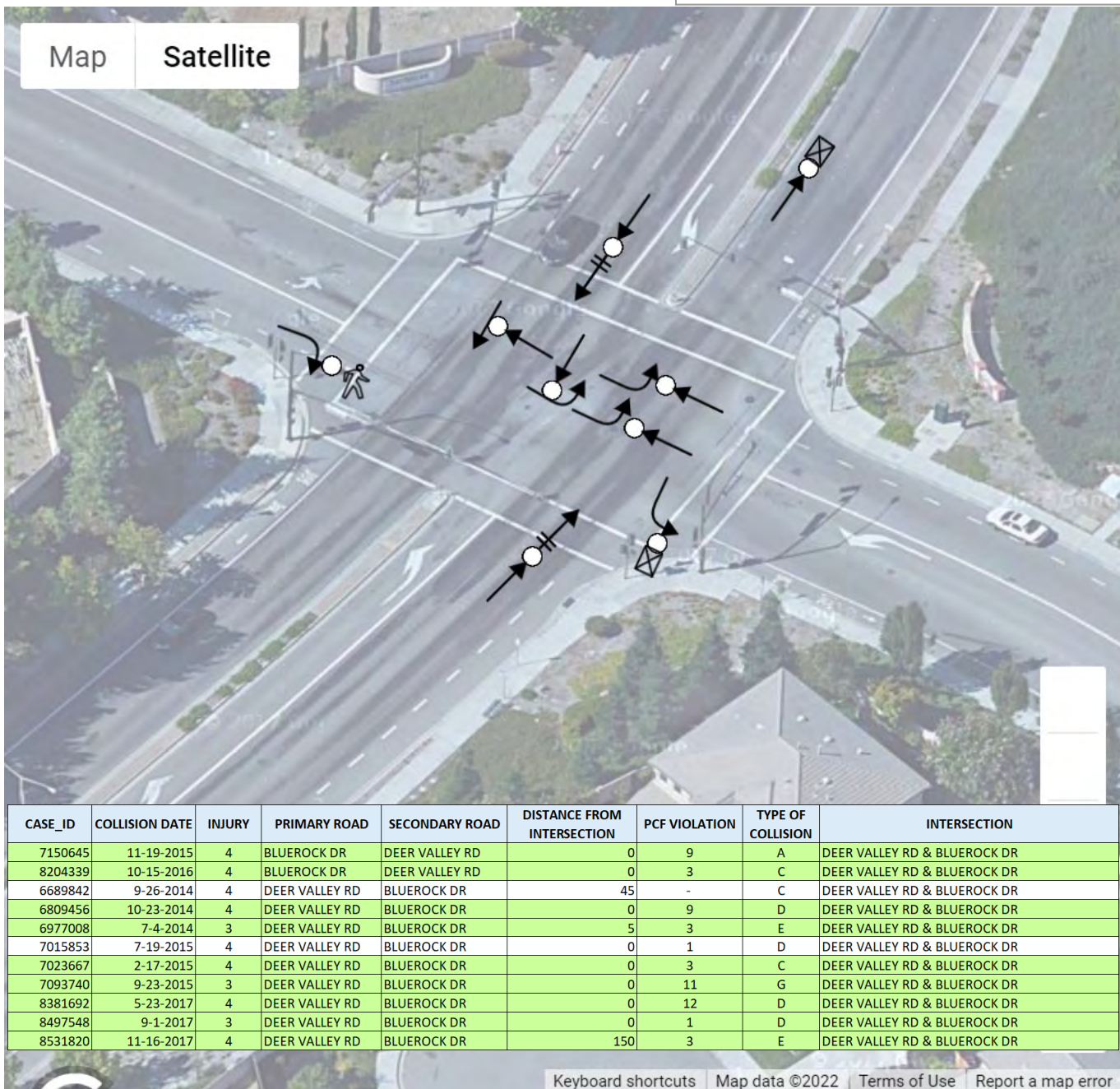
Date Created: 08/19/2022
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CRASH DIAGRAM

Primary Street:
DEER VALLEY RD
 Secondary Street:
BLUEROCK DR
 Time Period:
January 2014 to December 2018
 Agency Name:
City of Antioch

Mapping Summary:
 Fatal Crash 0
 Injury Crash 9
 Mapped 9
 Not Drawn 2
 Total 11

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
7150645	11-19-2015	4	BLUEROCK DR	DEER VALLEY RD	0	9	A	DEER VALLEY RD & BLUEROCK DR
8204339	10-15-2016	4	BLUEROCK DR	DEER VALLEY RD	0	3	C	DEER VALLEY RD & BLUEROCK DR
6689842	9-26-2014	4	DEER VALLEY RD	BLUEROCK DR	45	-	C	DEER VALLEY RD & BLUEROCK DR
6809456	10-23-2014	4	DEER VALLEY RD	BLUEROCK DR	0	9	D	DEER VALLEY RD & BLUEROCK DR
6977008	7-4-2014	3	DEER VALLEY RD	BLUEROCK DR	5	3	E	DEER VALLEY RD & BLUEROCK DR
7015853	7-19-2015	4	DEER VALLEY RD	BLUEROCK DR	0	1	D	DEER VALLEY RD & BLUEROCK DR
7023667	2-17-2015	4	DEER VALLEY RD	BLUEROCK DR	0	3	C	DEER VALLEY RD & BLUEROCK DR
7093740	9-23-2015	3	DEER VALLEY RD	BLUEROCK DR	0	11	G	DEER VALLEY RD & BLUEROCK DR
8381692	5-23-2017	4	DEER VALLEY RD	BLUEROCK DR	0	12	D	DEER VALLEY RD & BLUEROCK DR
8497548	9-1-2017	3	DEER VALLEY RD	BLUEROCK DR	0	1	D	DEER VALLEY RD & BLUEROCK DR
8531820	11-16-2017	4	DEER VALLEY RD	BLUEROCK DR	150	3	E	DEER VALLEY RD & BLUEROCK DR

Date Created: 08/30/2022

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CRASH DIAGRAM

Primary Street:
DEER VALLEY RD

Secondary Street:
HILLCREST TERRACE CT

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	1
Mapped	1
Not Drawn	0
Total	1

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
8077727	1-21-2016	3	DEER VALLEY RD	HILLCREST TERRACE	0	3	C	DEER VALLEY RD & HILLCREST TERRACE CT

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CRASH DIAGRAM

Primary Street:
DEER VALLEY RD

Secondary Street:
ROCKY POINT DR

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	2
Mapped	2
Not Drawn	1
Total	3

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
8682748	6-3-2018	3	DEER VALLEY RD	ROCKY POINT DR	0	12	D	DEER VALLEY RD & ROCKY POINT DR
8602620	2-4-2018	2	ROCKY POINT DR	DEER VALLEY RD	0	3	A	DEER VALLEY RD & ROCKY POINT DR
8645306	5-3-2018	4	ROCKY POINT DR	DEER VALLEY RD	0	0	D	DEER VALLEY RD & ROCKY POINT DR

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CRASH DIAGRAM

Primary Street:
DELTA FAIR BL

Secondary Street:
BELLE DR

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	3
Mapped	3
Not Drawn	0
Total	3

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6398599	1-15-2014	4	DELTA FAIR BL	BELLE DR	250	3	C	DELTA FAIR BL & BELLE DR
7041126	1-19-2015	3	DELTA FAIR BL	BELLE DR	0	5	D	DELTA FAIR BL & BELLE DR
8091474	2-17-2016	4	DELTA FAIR BL	BELLE DR	0	8	G	DELTA FAIR BL & BELLE DR

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CRASH DIAGRAM

Primary Street:
CAVALLO RD

Secondary Street:
E 18TH ST

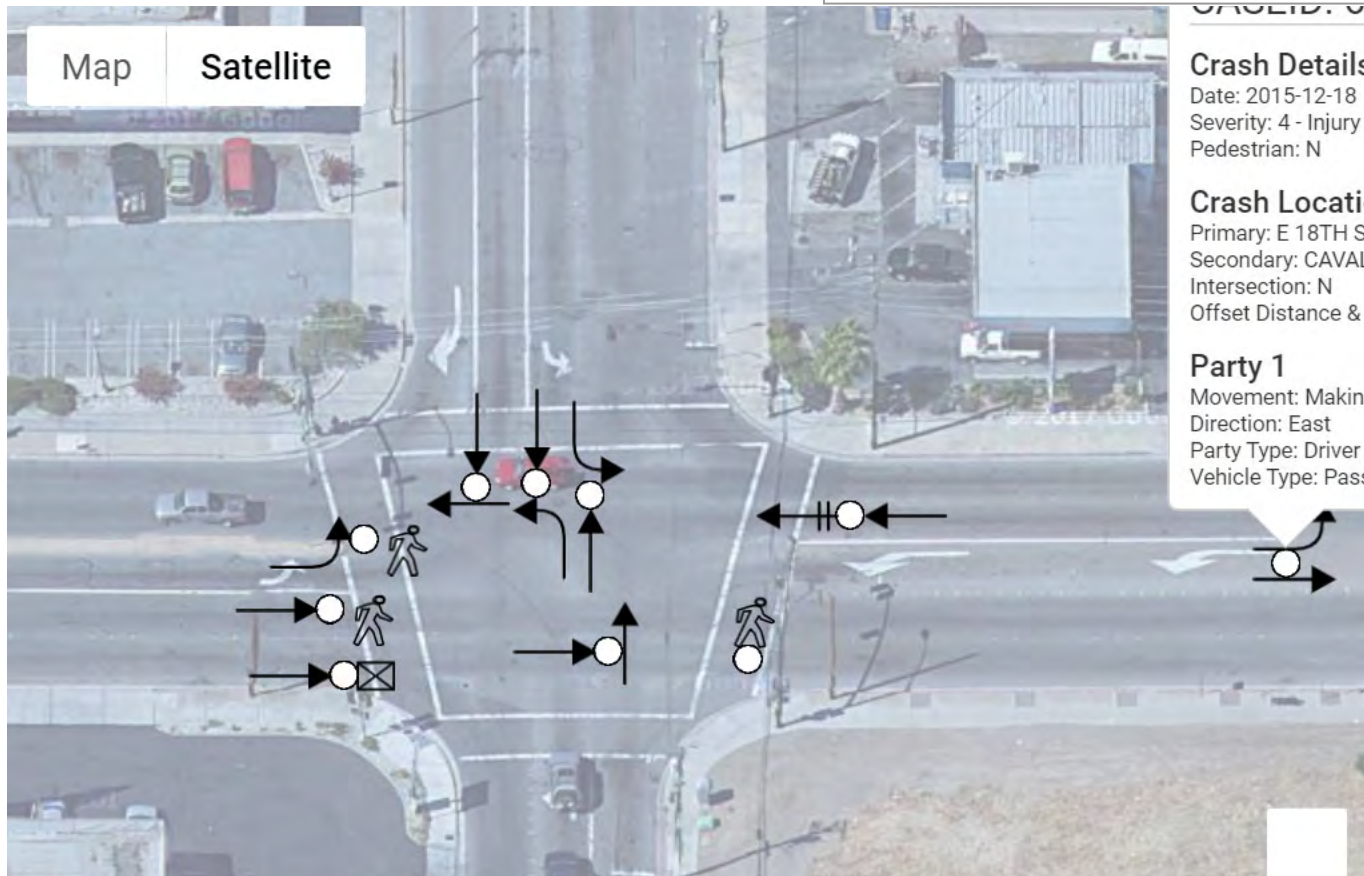
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	10
Mapped	10
Not Drawn	6
Total	16

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶↷ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
☒ Parked	



Crash Details

Date: 2015-12-18
Severity: 4 - Injury
Pedestrian: N

Crash Location

Primary: E 18TH S
Secondary: CAVALL
Intersection: N
Offset Distance &

Party 1

Movement: Making
Direction: East
Party Type: Driver
Vehicle Type: Passenger

CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
8438341	6-15-2017	4	18TH ST	CAVALLO RD	0	0	G	E 18TH ST & CAVALL
8537117	11-25-2017	4	18TH ST	CAVALLO RD	18	0	C	E 18TH ST & CAVALL
6971750	4-1-2015	2	CAVALLO RD	E 18TH ST	53	12	B	E 18TH ST & CAVALL
8547263	1-25-2018	4	CAVALLO RD	E 18TH ST	0	12	D	E 18TH ST & CAVALL
8663498	6-27-2018	4	CAVALLO RD	E 18TH ST	0	9	D	E 18TH ST & CAVALL
8843122	11-18-2018	2	CAVALLO RD	E 18TH ST	48	3	H	E 18TH ST & CAVALL
6351900	12-18-2015	4	E 18TH ST	CAVALLO RD	200	8	B	E 18TH ST & CAVALL
6425085	2-4-2014	3	E 18TH ST	CAVALLO RD	0	12	B	E 18TH ST & CAVALL
6660240	7-28-2014	4	E 18TH ST	CAVALLO RD	21	3	C	E 18TH ST & CAVALL
6789892	10-4-2014	3	E 18TH ST	CAVALLO RD	6	-	G	E 18TH ST & CAVALL
6844453	9-22-2014	4	E 18TH ST	CAVALLO RD	0	12	D	E 18TH ST & CAVALL
6917983	4-26-2015	4	E 18TH ST	CAVALLO RD	0	12	A	E 18TH ST & CAVALL
8050705	3-21-2016	3	E 18TH ST	CAVALLO RD	42	11	G	E 18TH ST & CAVALL
8497435	11-21-2017	4	E 18TH ST	CAVALLO RD	0	9	A	E 18TH ST & CAVALL
8544795	11-25-2017	4	E 18TH ST	CAVALLO RD	0	12	D	E 18TH ST & CAVALL
8646722	4-29-2018	4	E 18TH ST	CAVALLO RD	0	7	E	E 18TH ST & CAVALL

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CRASH DIAGRAM

Primary Street:
E 18TH ST

Secondary Street:
DRIVE IN WY

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	2
Mapped	2
Not Drawn	0
Total	2

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
🚗 Parked	



Date Created: 08/17/2022
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CRASH DIAGRAM

Primary Street:
EAST 18TH ST

Secondary Street:
PHILLIPS LN

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	1
Injury Crash	1
Mapped	2
Not Drawn	0
Total	2

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



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CRASH DIAGRAM

Primary Street:
EMPIRE AV

Secondary Street:
WICKLOW WY

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	3
Mapped	3
Not Drawn	0
Total	3

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶↷ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
☒ Parked	



Date Created: 08/23/2022

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CRASH DIAGRAM

Primary Street:
JAMES DONLON BL

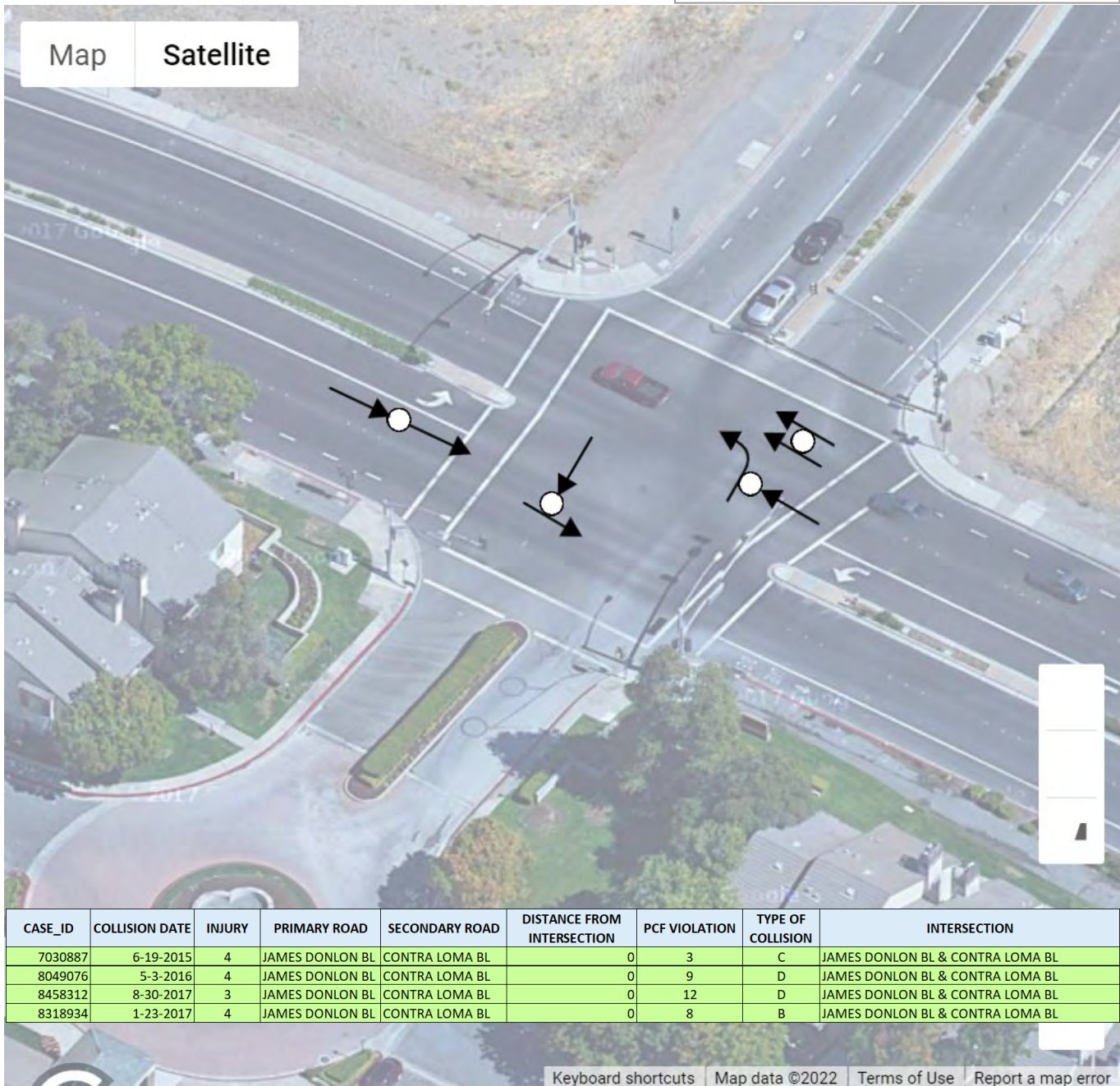
 Secondary Street:
CONTRA LOMA BL

 Time Period:
January 2014 to December 2018

 Agency Name:
City of Antioch

Mapping Summary:
 Fatal Crash 0
 Injury Crash 4
 Mapped 4
 Not Drawn 0
 Total 4

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
🅒 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
7030887	6-19-2015	4	JAMES DONLON BL	CONTRA LOMA BL	0	3	C	JAMES DONLON BL & CONTRA LOMA BL
8049076	5-3-2016	4	JAMES DONLON BL	CONTRA LOMA BL	0	9	D	JAMES DONLON BL & CONTRA LOMA BL
8458312	8-30-2017	3	JAMES DONLON BL	CONTRA LOMA BL	0	12	D	JAMES DONLON BL & CONTRA LOMA BL
8318934	1-23-2017	4	JAMES DONLON BL	CONTRA LOMA BL	0	8	B	JAMES DONLON BL & CONTRA LOMA BL

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CRASH DIAGRAM

Primary Street:
JAMES DONLON BL

 Secondary Street:
G ST

 Time Period:
 January 2014 to December 2018

 Agency Name:
 City of Antioch

Mapping Summary:
 Fatal Crash 0
 Injury Crash 2
 Mapped 2
 Not Drawn 1
 Total 3

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶↷ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
☒ Parked	



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CRASH DIAGRAM

Primary Street:
KENDREE ST

Secondary Street:
DELTA FAIR BL

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	3
Mapped	3
Not Drawn	0
Total	3

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
☒ Parked	



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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
CANADA VALLEY RD

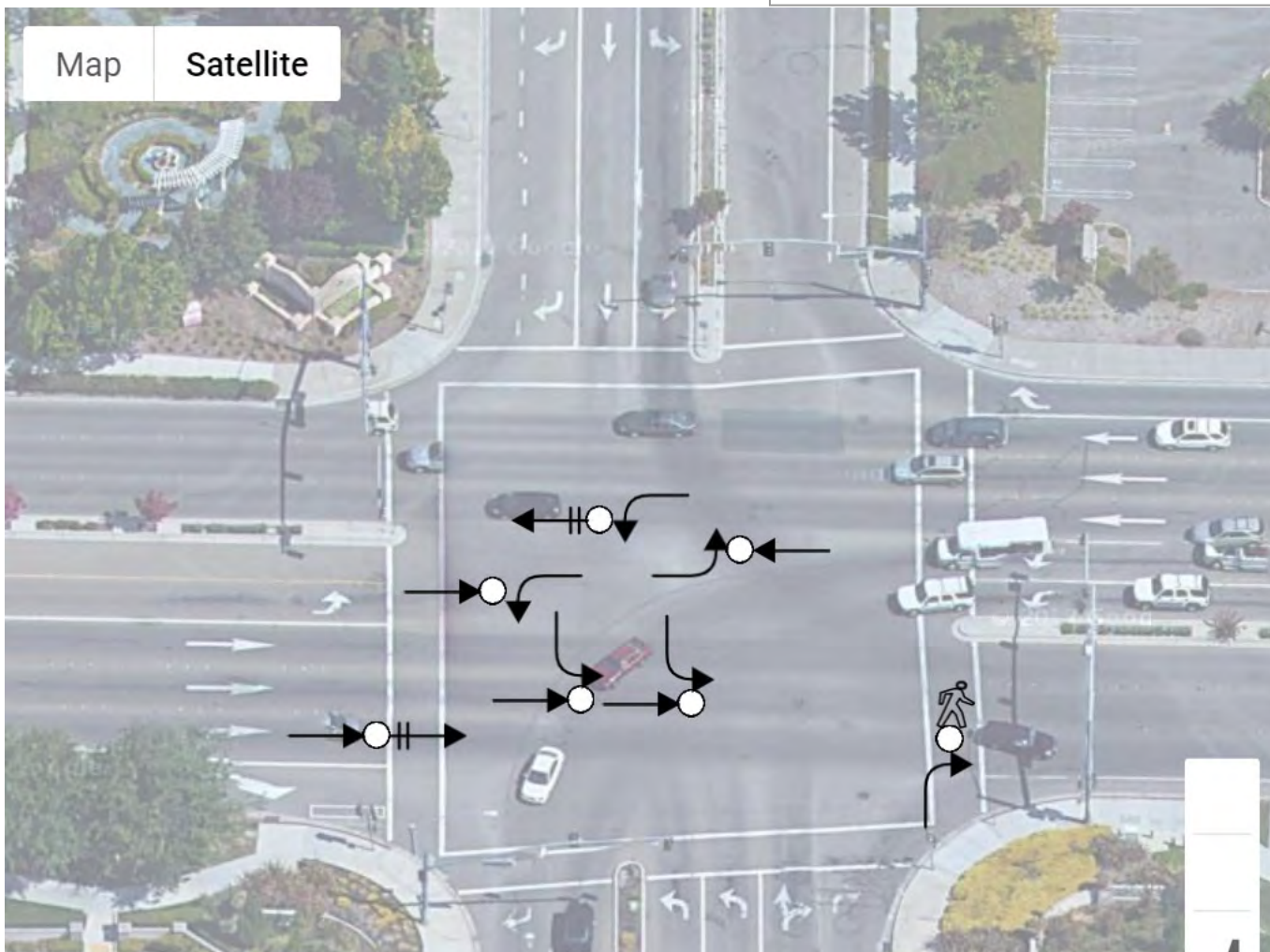
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	7
Mapped	7
Not Drawn	2
Total	9

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
🅒 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6827494	11-15-2014	4	LONE TREE WY	CANADA VALLEY RD	6	3	C	LONE TREE WY & CANADA VALLEY RD
6939887	5-11-2015	4	LONE TREE WY	CANADA VALLEY RD	0	12	D	LONE TREE WY & CANADA VALLEY RD
7008322	5-31-2015	2	LONE TREE WY	CANADA VALLEY RD	0	12	A	LONE TREE WY & CANADA VALLEY RD
8517417	11-21-2017	3	LONE TREE WY	CANADA VALLEY RD	0	9	C	LONE TREE WY & CANADA VALLEY RD
8510971	11-5-2017	4	LONE TREE WY	CANADA VALLEY RD	0	12	A	LONE TREE WY & CANADA VALLEY RD
8702662	8-20-2018	4	LONE TREE WY	CANADA VALLEY RD	0	3	C	LONE TREE WY & CANADA VALLEY RD
8719212	9-4-2018	4	LONE TREE WY	CANADA VALLEY RD	0	8	D	LONE TREE WY & CANADA VALLEY RD
8033040	2-24-2016	4	LONE TREE WY	CANADA VALLEY RD	0	12	A	LONE TREE WY & CANADA VALLEY RD
6510468	4-9-2014	4	CANADA VALLEY RD	LONE TREE WY	120	11	G	LONE TREE WY & CANADA VALLEY RD

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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
HEIDORN RANCH RD

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	4
Mapped	4
Not Drawn	1
Total	5

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
INDIAN HILL DR

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	5
Mapped	5
Not Drawn	2
Total	7

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↶ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↷ Ran Off Road	
⊞ Stopped	
☒ Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
8358979	3-12-2017	4	INDIAN HILL DR	LONE TREE WY	0	17	D	LONE TREE WY & INDIAN HILL DR
6357107	1-8-2014	4	LONE TREE WY	WILLIAMSON RANCH	9	11	G	LONE TREE WY & INDIAN HILL DR
6548430	3-22-2014	4	LONE TREE WY	INDIAN HILL DR	0	12	A	LONE TREE WY & INDIAN HILL DR
8303470	1-6-2017	4	LONE TREE WY	INDIAN HILL DR	240	8	A	LONE TREE WY & INDIAN HILL DR
8409166	5-14-2017	3	LONE TREE WY	INDIAN HILL DR	0	0	G	LONE TREE WY & INDIAN HILL DR
8480575	9-3-2017	4	LONE TREE WY	INDIAN HILLS DR	0	3	C	LONE TREE WY & INDIAN HILL DR
8583461	10-3-2017	4	LONE TREE WY	INDIAN HILL DR	0	12	G	LONE TREE WY & INDIAN HILL DR

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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
JEFFERY WY

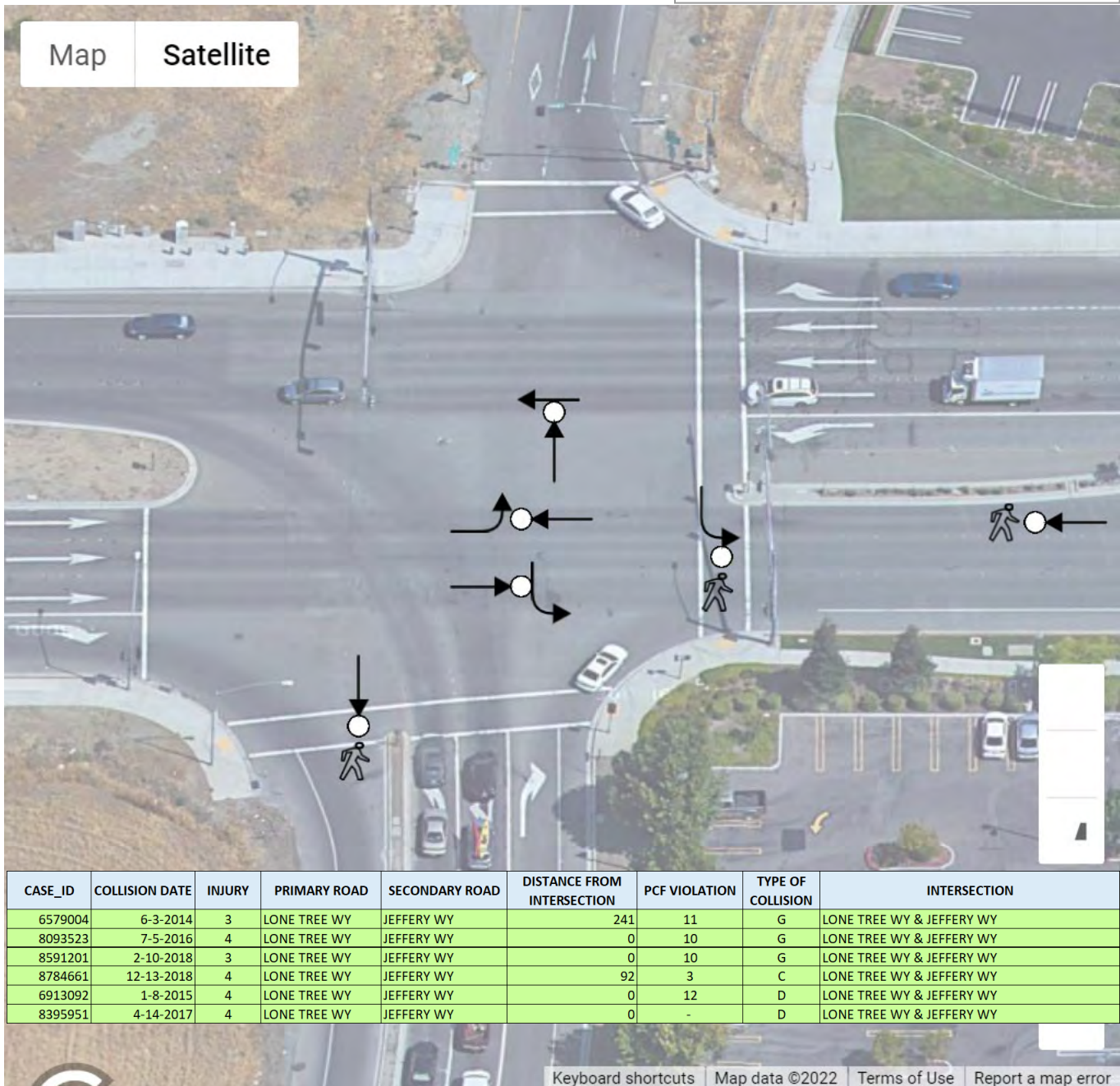
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	6
Mapped	6
Not Drawn	0
Total	6

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6579004	6-3-2014	3	LONE TREE WY	JEFFERY WY	241	11	G	LONE TREE WY & JEFFERY WY
8093523	7-5-2016	4	LONE TREE WY	JEFFERY WY	0	10	G	LONE TREE WY & JEFFERY WY
8591201	2-10-2018	3	LONE TREE WY	JEFFERY WY	0	10	G	LONE TREE WY & JEFFERY WY
8784661	12-13-2018	4	LONE TREE WY	JEFFERY WY	92	3	C	LONE TREE WY & JEFFERY WY
6913092	1-8-2015	4	LONE TREE WY	JEFFERY WY	0	12	D	LONE TREE WY & JEFFERY WY
8395951	4-14-2017	4	LONE TREE WY	JEFFERY WY	0	-	D	LONE TREE WY & JEFFERY WY

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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
RIDGEROCK DR

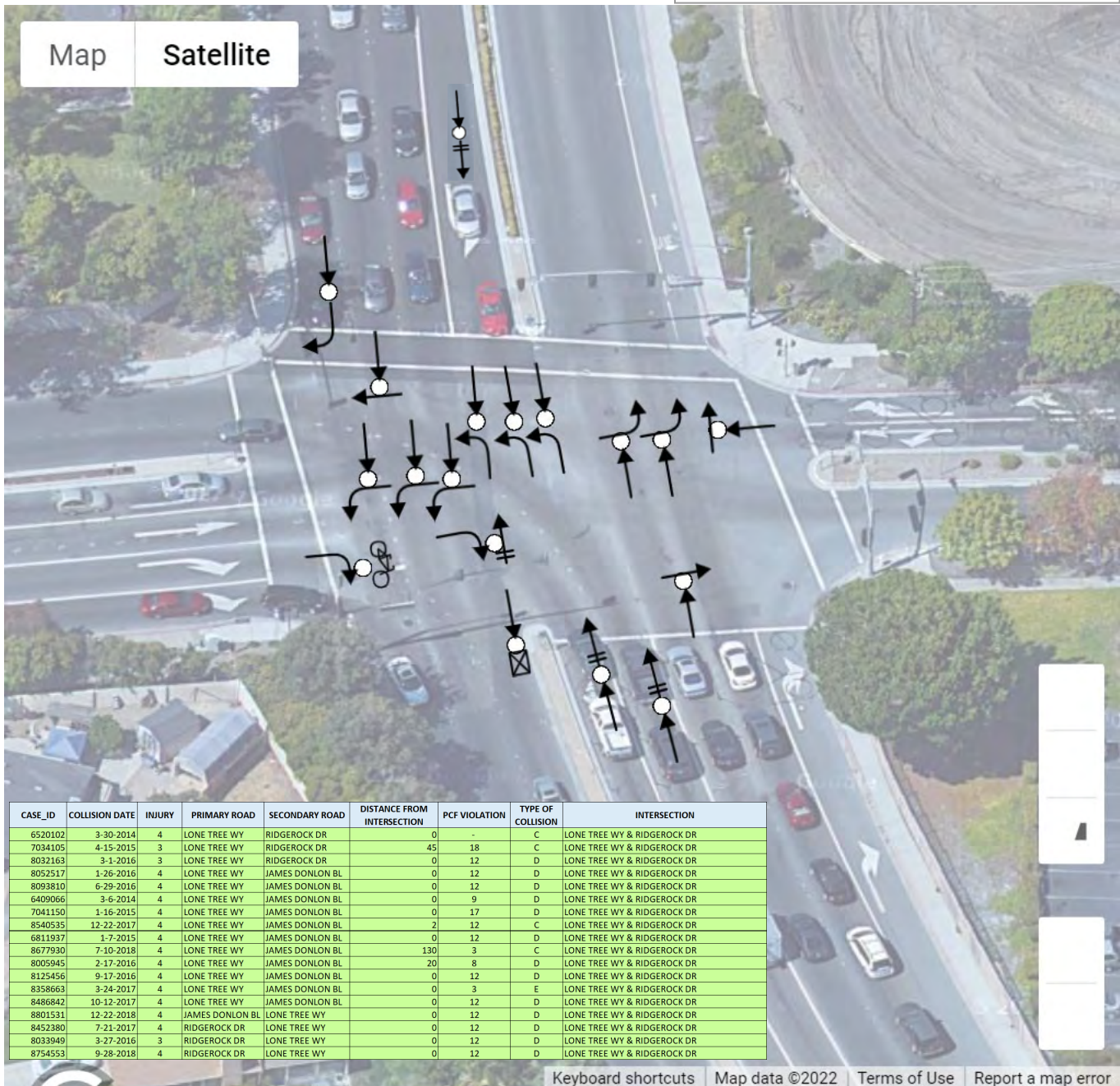
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	18
Mapped	18
Not Drawn	0
Total	18

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶↷ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
☒ Parked	



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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
SLATTEN RANCH RD

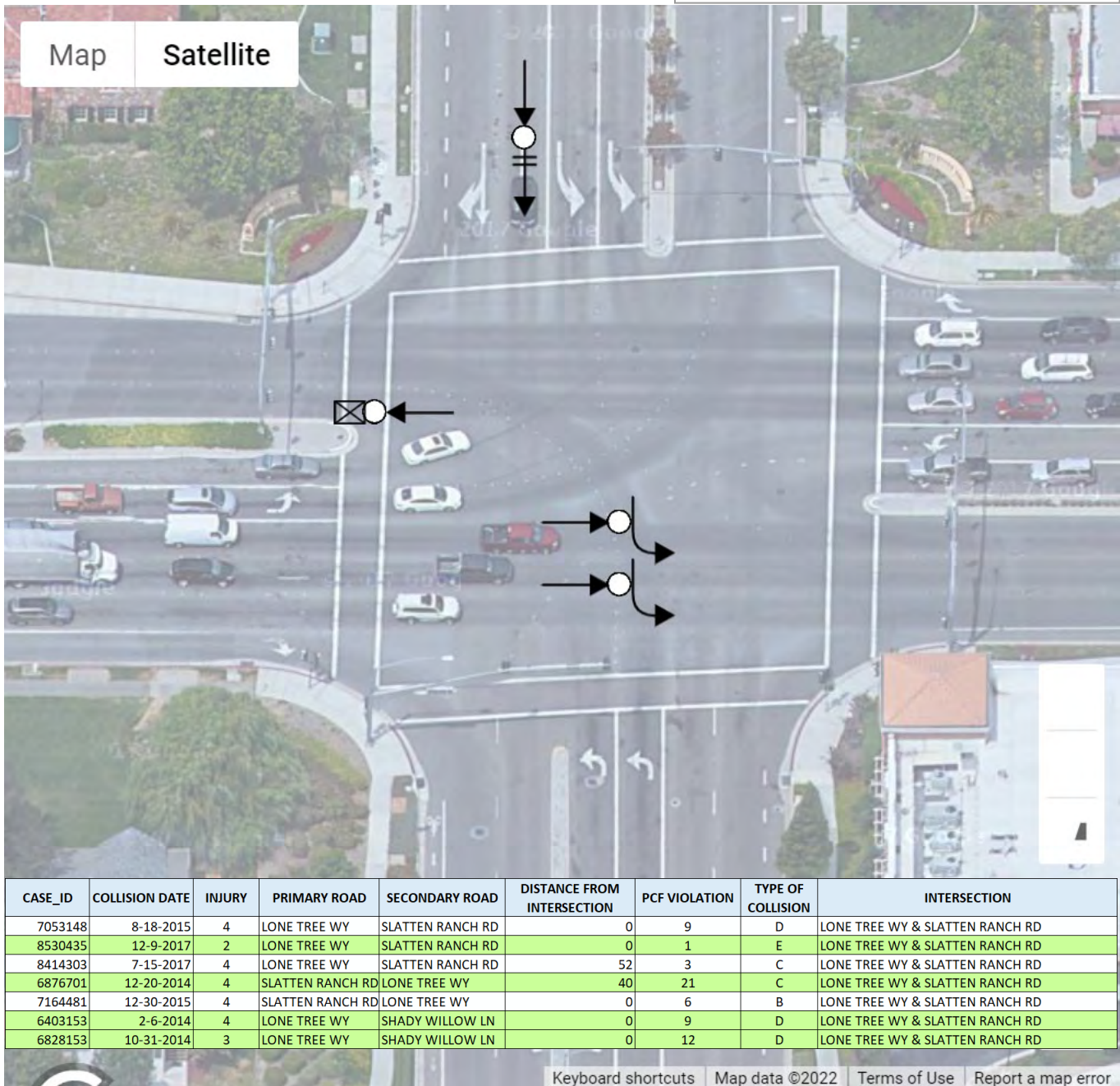
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	4
Mapped	4
Not Drawn	3
Total	7

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↶ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↷ Ran Off Road	
⏸ Stopped	
☒ Parked	



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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
W TREGALLAS RD

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	5
Mapped	5
Not Drawn	0
Total	5

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶↷ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



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CRASH DIAGRAM

Primary Street:
MOUNT HAMILTON DR

Secondary Street:
DALLAS RANCH RD

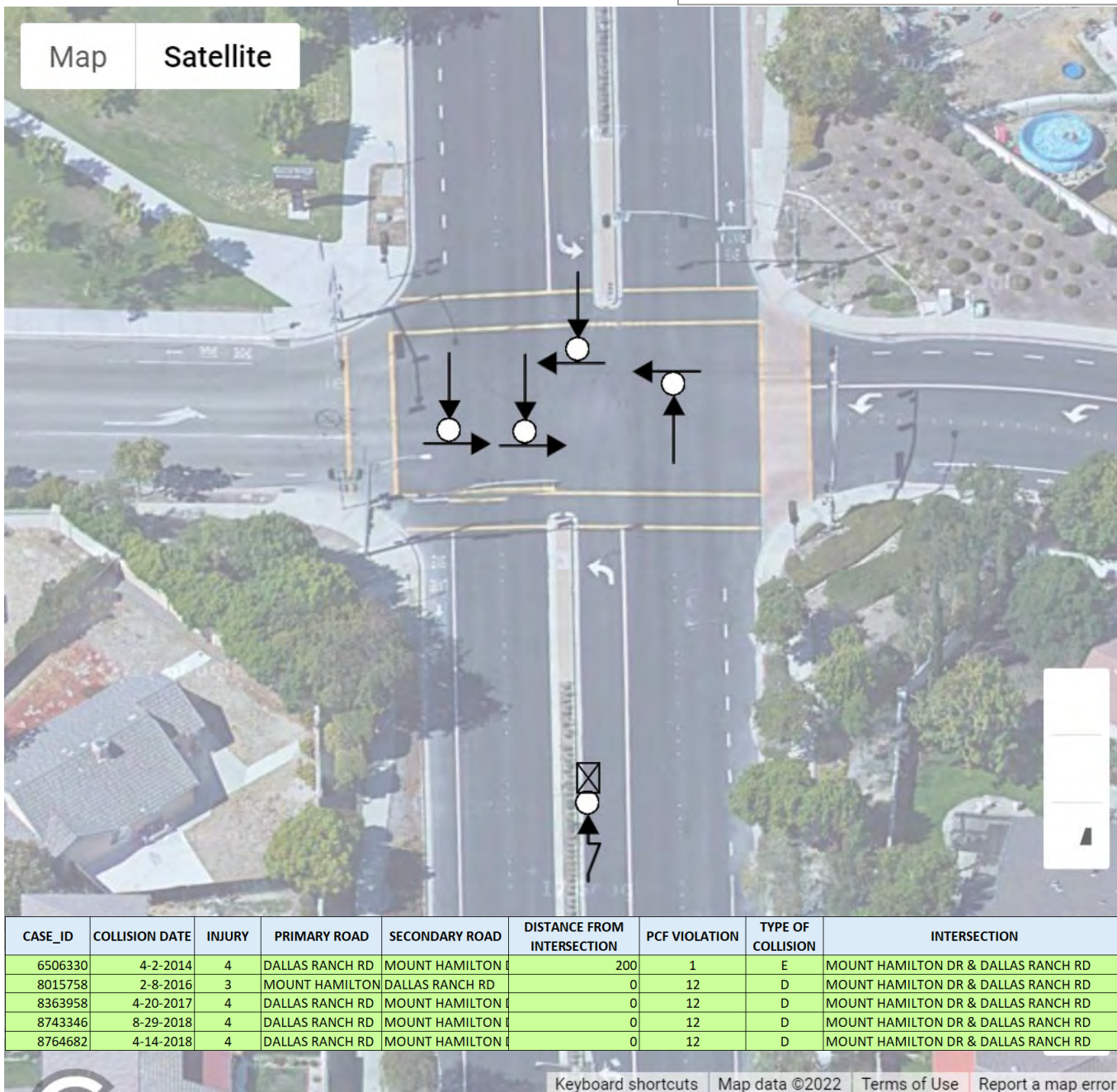
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	5
Mapped	5
Not Drawn	0
Total	5

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶↷ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
☒ Parked	



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CRASH DIAGRAM

Primary Street:
 SAN JOSE DR

 Secondary Street:
 BUCHANAN RD

 Time Period:
 January 2014 to December 2018

 Agency Name:
 City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	2
Mapped	2
Not Drawn	0
Total	2

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↶ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↷ Ran Off Road	
⏸ Stopped	
☒ Parked	



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CRASH DIAGRAM

Primary Street:
SOMERSVILLE RD

Secondary Street:
JAMES DONLON BL

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	2
Mapped	2
Not Drawn	0
Total	2

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



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CRASH DIAGRAM

Primary Street:
SUNSET DR

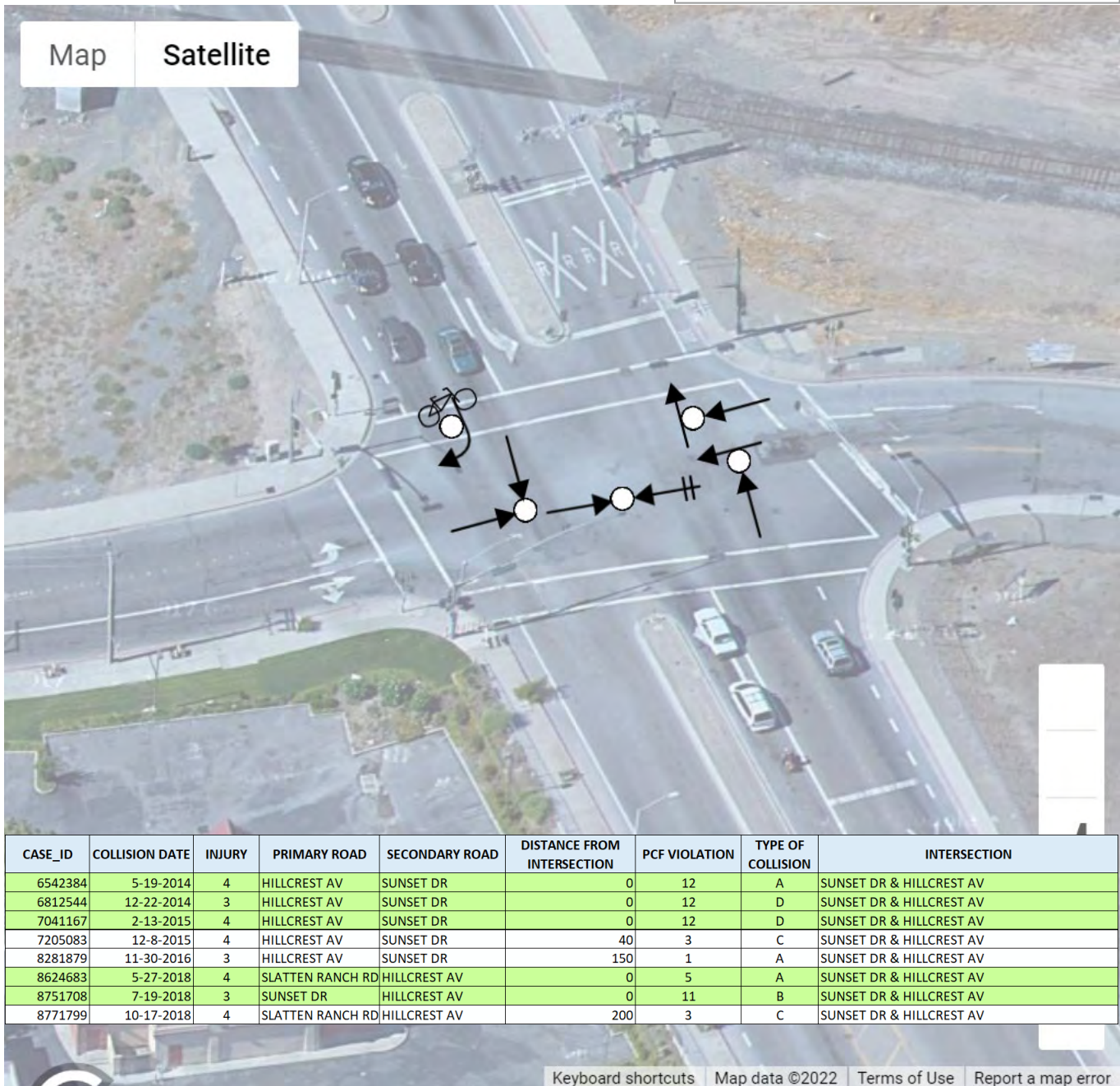
 Secondary Street:
HILLCREST AV

 Time Period:
January 2014 to December 2018

 Agency Name:
City of Antioch

Mapping Summary:
 Fatal Crash 0
 Injury Crash 5
 Mapped 5
 Not Drawn 3
 Total 8

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶↷ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6542384	5-19-2014	4	HILLCREST AV	SUNSET DR	0	12	A	SUNSET DR & HILLCREST AV
6812544	12-22-2014	3	HILLCREST AV	SUNSET DR	0	12	D	SUNSET DR & HILLCREST AV
7041167	2-13-2015	4	HILLCREST AV	SUNSET DR	0	12	D	SUNSET DR & HILLCREST AV
7205083	12-8-2015	4	HILLCREST AV	SUNSET DR	40	3	C	SUNSET DR & HILLCREST AV
8281879	11-30-2016	3	HILLCREST AV	SUNSET DR	150	1	A	SUNSET DR & HILLCREST AV
8624683	5-27-2018	4	SLATTEN RANCH RD	HILLCREST AV	0	5	A	SUNSET DR & HILLCREST AV
8751708	7-19-2018	3	SUNSET DR	HILLCREST AV	0	11	B	SUNSET DR & HILLCREST AV
8771799	10-17-2018	4	SLATTEN RANCH RD	HILLCREST AV	200	3	C	SUNSET DR & HILLCREST AV

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CRASH DIAGRAM

Primary Street:
WILBUR AV

Secondary Street:
MINAKER DR

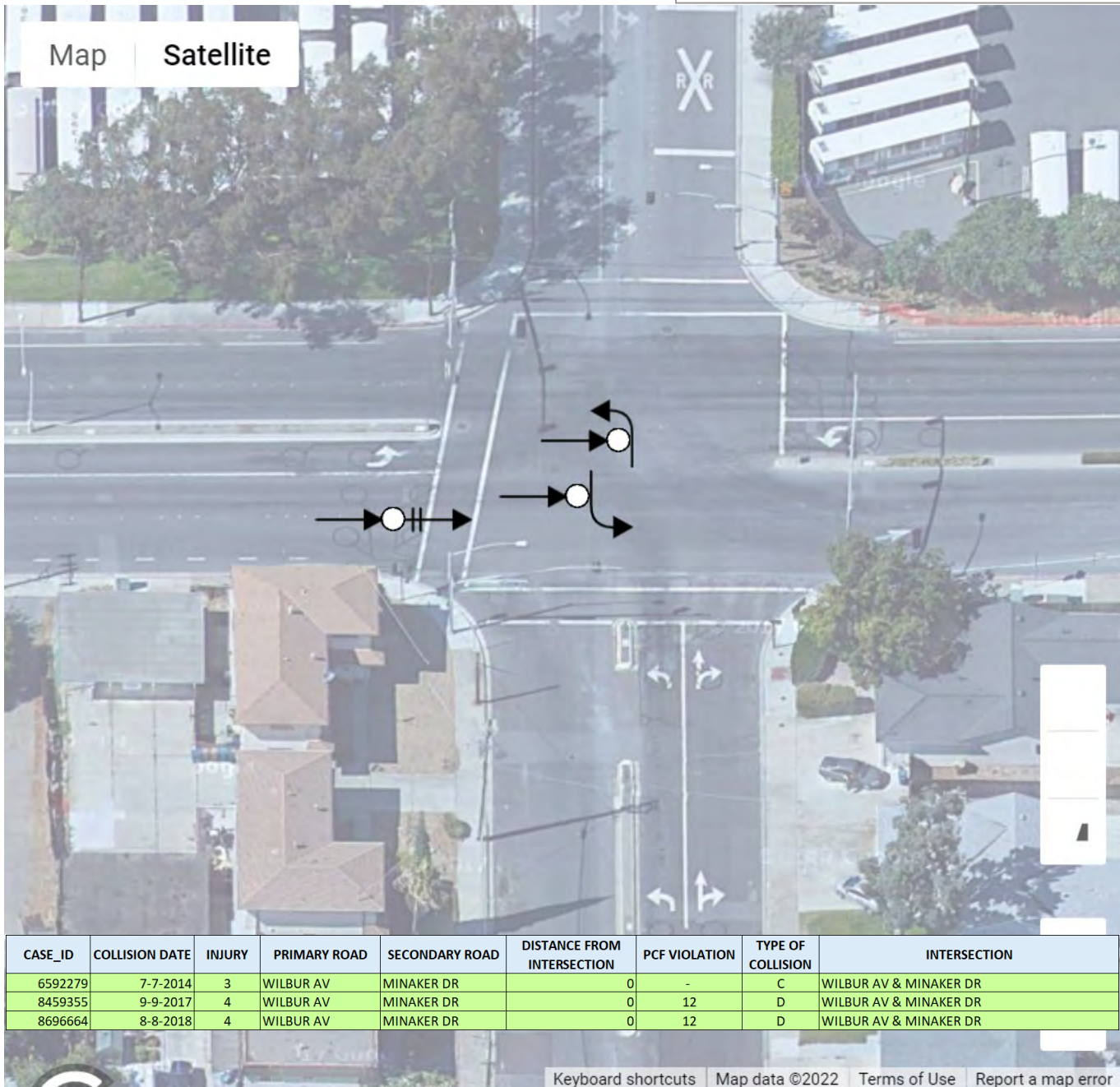
Time Period:
 January 2014 to December 2018

Agency Name:
 City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	3
Mapped	3
Not Drawn	0
Total	3

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶↷ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
☒ Parked	



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CRASH DIAGRAM

Primary Street:
A ST

Secondary Street:
W 9TH ST

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	2
Mapped	2
Not Drawn	1
Total	3

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
🅒 Parked	



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CRASH DIAGRAM

Primary Street:
BLYTHE DR

Secondary Street:
JAMES DONLON BL

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	1
Mapped	1
Not Drawn	2
Total	3

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6859096	11-30-2014	2	JAMES DONLON BL	BLYTHE DR	227	3	D	BLYTHE DR & JAMES DONLON BL
8066792	5-16-2016	3	BLYTHE DR	JAMES DONLON BL	0	3	C	BLYTHE DR & JAMES DONLON BL
8163880	10-14-2016	4	JAMES DONLON BL	BLYTHE DR	50	1	E	BLYTHE DR & JAMES DONLON BL

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CRASH DIAGRAM

Primary Street:
BUCHANAN RD

Secondary Street:
DELTA FAIR BL

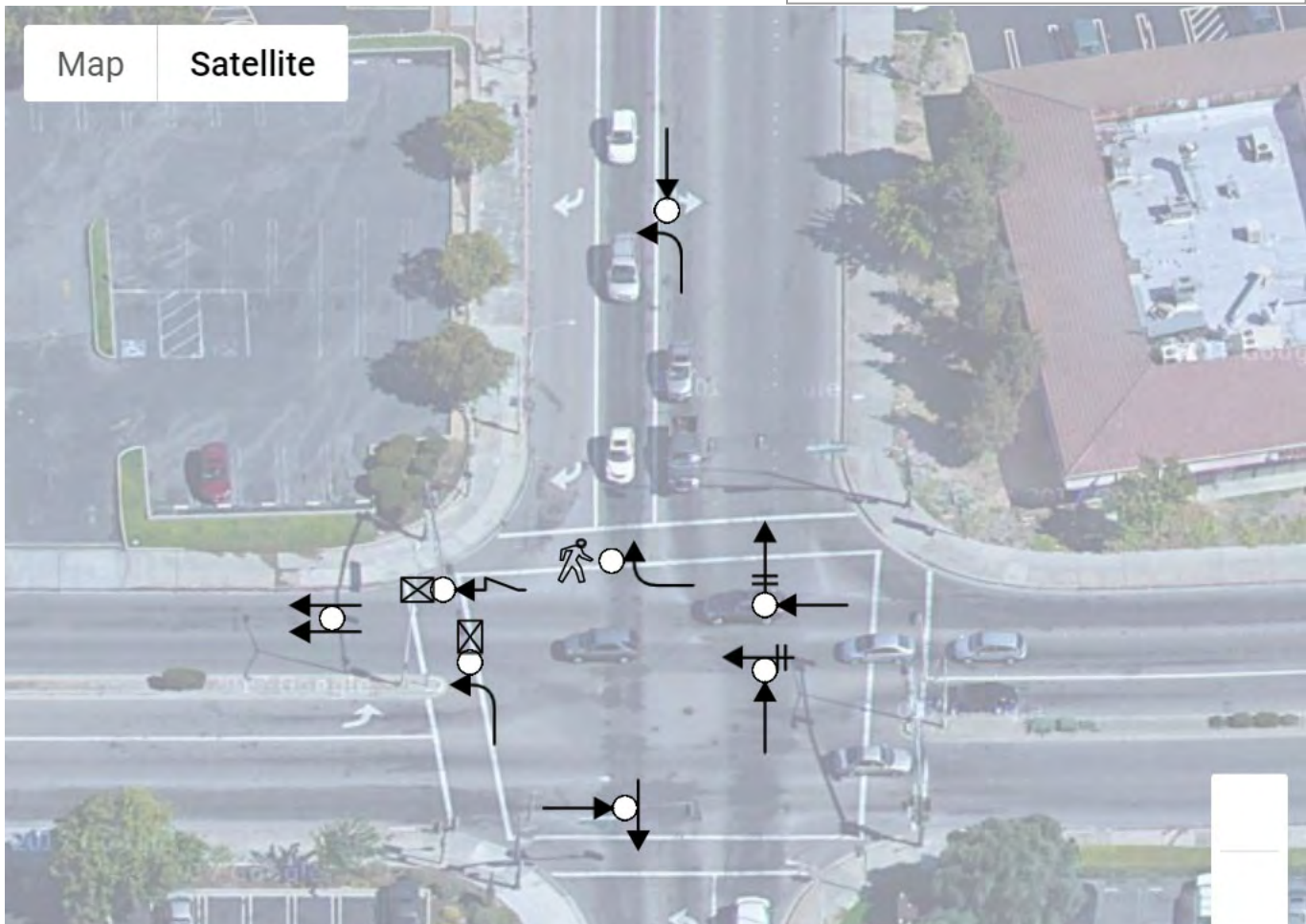
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	8
Mapped	8
Not Drawn	2
Total	10

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅒 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6579008	6-19-2014	4	GENTRYTOWN DR	BUCHANAN RD	0	8	B	BUCHANAN RD & DELTA FAIR BL
6638745	7-7-2014	4	DELTA FAIR BL	BUCHANAN RD	150	8	D	BUCHANAN RD & DELTA FAIR BL
6710241	10-15-2014	4	BUCHANAN RD	DELTA FAIR BL	0	12	D	BUCHANAN RD & DELTA FAIR BL
6883261	9-3-2014	4	GENTRYTOWN DR	BUCHANAN RD	10	4	C	BUCHANAN RD & DELTA FAIR BL
7041229	3-12-2015	3	BUCHANAN RD	DELTA FAIR BL	30	3	E	BUCHANAN RD & DELTA FAIR BL
8091422	7-12-2016	4	BUCHANAN RD	GENTRYTOWN DR	20	7	B	BUCHANAN RD & DELTA FAIR BL
8329866	3-8-2017	3	BUCHANAN RD	GENTRYTOWN DR	0	12	D	BUCHANAN RD & DELTA FAIR BL
8502687	10-22-2017	3	BUCHANAN RD	GENTRYTOWN DR	0	9	G	BUCHANAN RD & DELTA FAIR BL
8771864	12-10-2018	3	BUCHANAN RD	DELTA FAIR BL	0	12	D	BUCHANAN RD & DELTA FAIR BL
8860676	9-18-2018	4	BUCHANAN RD	DELTA FAIR BL	0	3	E	BUCHANAN RD & DELTA FAIR BL

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CRASH DIAGRAM

Primary Street:
BUCHANAN RD

Secondary Street:
SOMERSVILLE RD

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	3
Mapped	3
Not Drawn	2
Total	5

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅒 Parked	



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CRASH DIAGRAM

Primary Street:
 CARPINTERIA DR

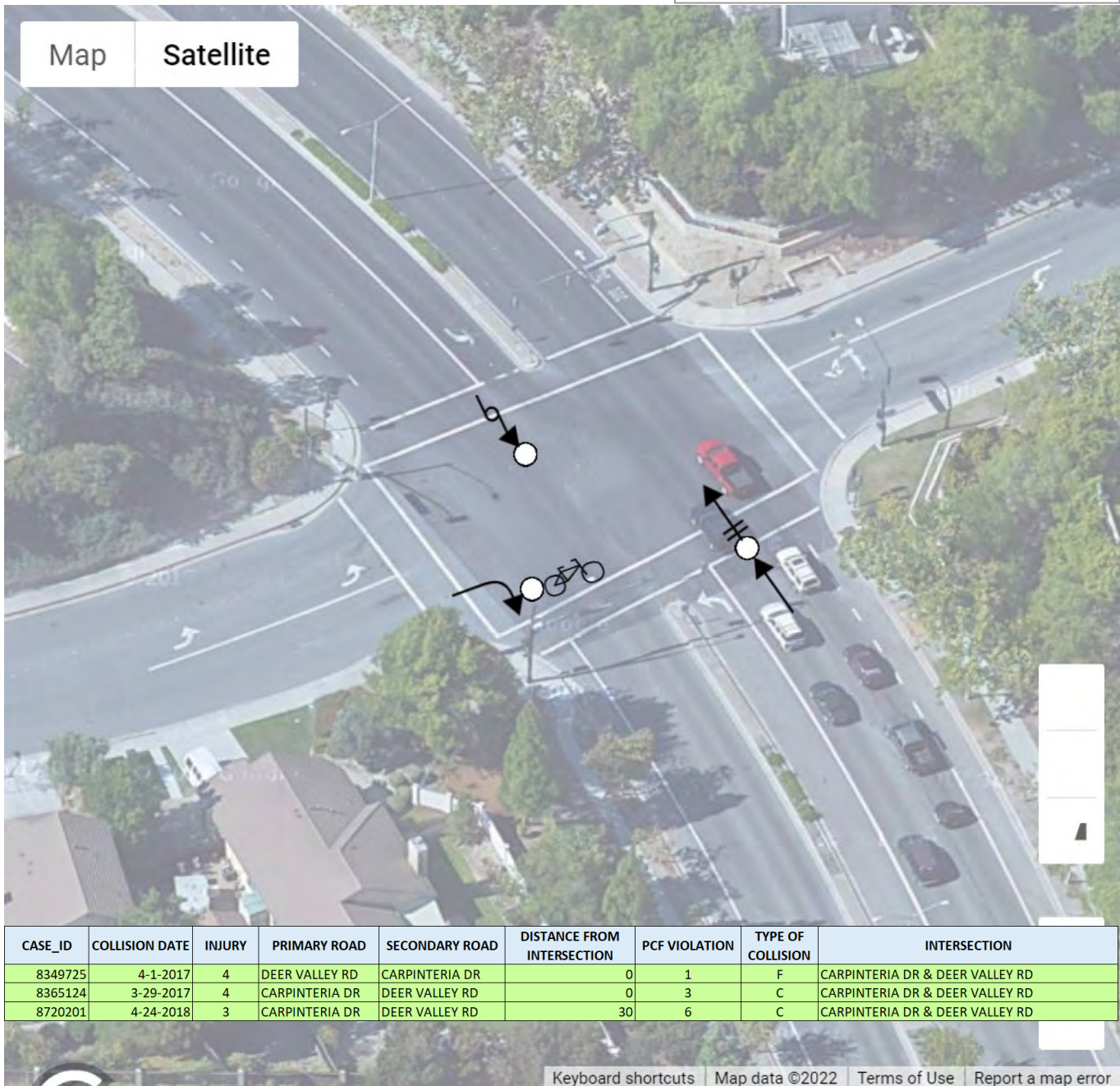
 Secondary Street:
 DEER VALLEY RD

 Time Period:
 January 2014 to December 2018

 Agency Name:
 City of Antioch

Mapping Summary:
 Fatal Crash 0
 Injury Crash 3
 Mapped 3
 Not Drawn 0
 Total 3

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅑 Parked	



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CRASH DIAGRAM

Primary Street:
CONTRA LOMA BL

Secondary Street:
PUTNAM ST

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	4
Mapped	4
Not Drawn	0
Total	4

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅓 Parked	



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CRASH DIAGRAM

Primary Street:
DEER VALLEY RD

Secondary Street:
COUNTRY HILLS DR

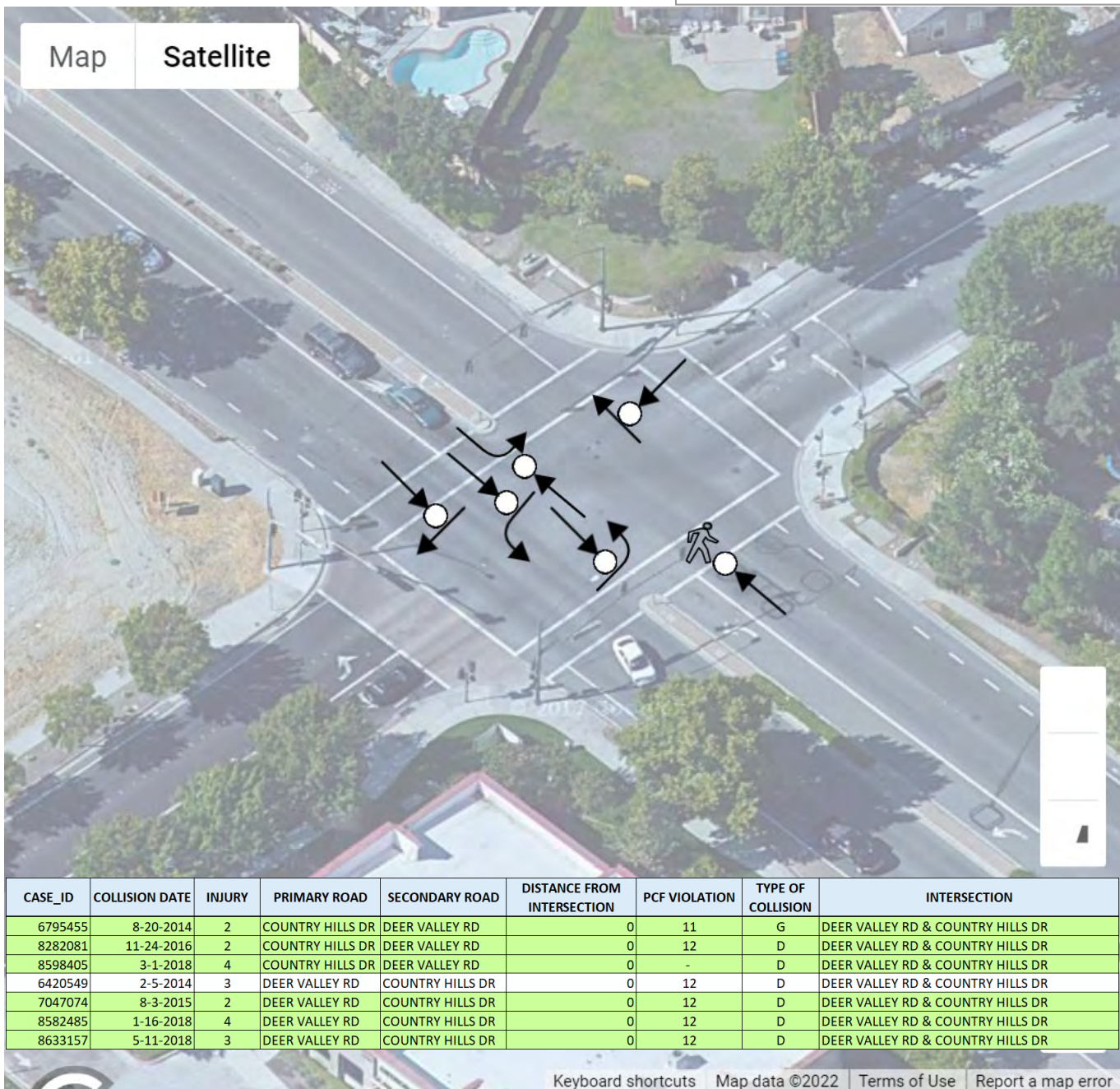
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	6
Mapped	6
Not Drawn	1
Total	7

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅓 Parked	



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Date Created: 08/20/2022

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CRASH DIAGRAM

Primary Street:
DEER VALLEY RD

Secondary Street:
HILLCREST AV

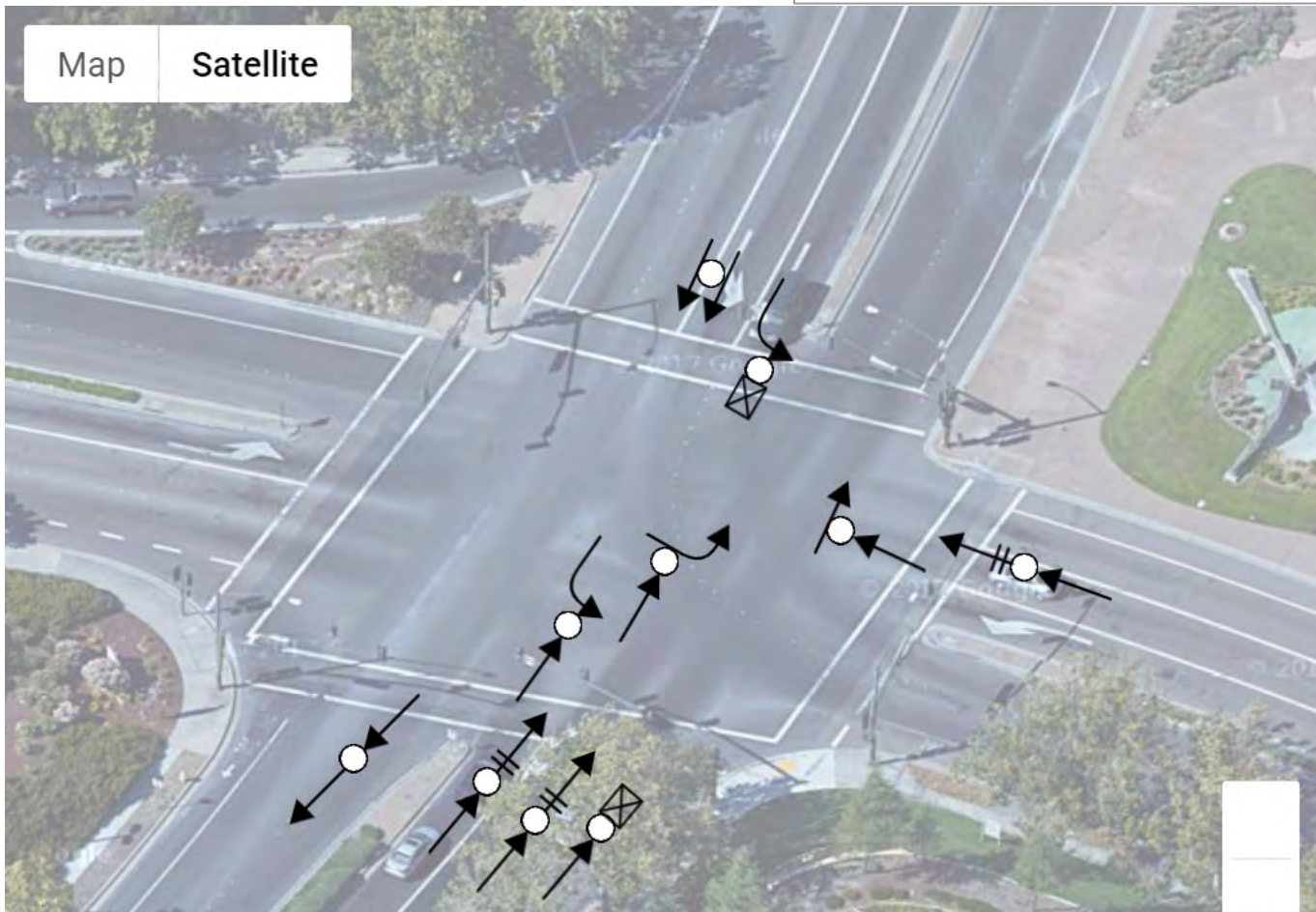
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	10
Mapped	10
Not Drawn	3
Total	13

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
8184174	11-14-2016	4	DAVISON DR	DEER VALLEY RD	69	3	C	DEER VALLEY RD & HILLCREST AV
6445792	2-3-2014	4	DEER VALLEY RD	HILLCREST AV	75	-	C	DEER VALLEY RD & HILLCREST AV
6660029	8-27-2014	3	DEER VALLEY RD	HILLCREST AV	90	3	C	DEER VALLEY RD & HILLCREST AV
8429832	7-17-2017	4	DEER VALLEY RD	DAVISON DR	0	21	C	DEER VALLEY RD & HILLCREST AV
8496182	10-13-2017	4	DEER VALLEY RD	DAVISON DR	0	1	B	DEER VALLEY RD & HILLCREST AV
8773906	11-11-2018	4	DEER VALLEY RD	DAVISON DR	0	8	E	DEER VALLEY RD & HILLCREST AV
8846099	11-30-2018	4	DEER VALLEY RD	DAVISON DR	100	3	C	DEER VALLEY RD & HILLCREST AV
7144564	11-7-2015	4	HILLCREST AV	DAVISON DR	10	3	C	DEER VALLEY RD & HILLCREST AV
8058395	4-3-2016	4	HILLCREST AV	DAVISON DR	0	12	A	DEER VALLEY RD & HILLCREST AV
8084322	5-24-2016	4	HILLCREST AV	DEER VALLEY RD	0	12	D	DEER VALLEY RD & HILLCREST AV
8373363	5-4-2017	4	HILLCREST AV	DAVISON DR	0	12	D	DEER VALLEY RD & HILLCREST AV
8468451	10-1-2017	4	HILLCREST AV	DEER VALLEY RD	0	3	E	DEER VALLEY RD & HILLCREST AV
8768940	10-30-2018	4	HILLCREST AV	DAVISON DR	25	8	B	DEER VALLEY RD & HILLCREST AV

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CRASH DIAGRAM

Primary Street:
 DELTA FAIR BL

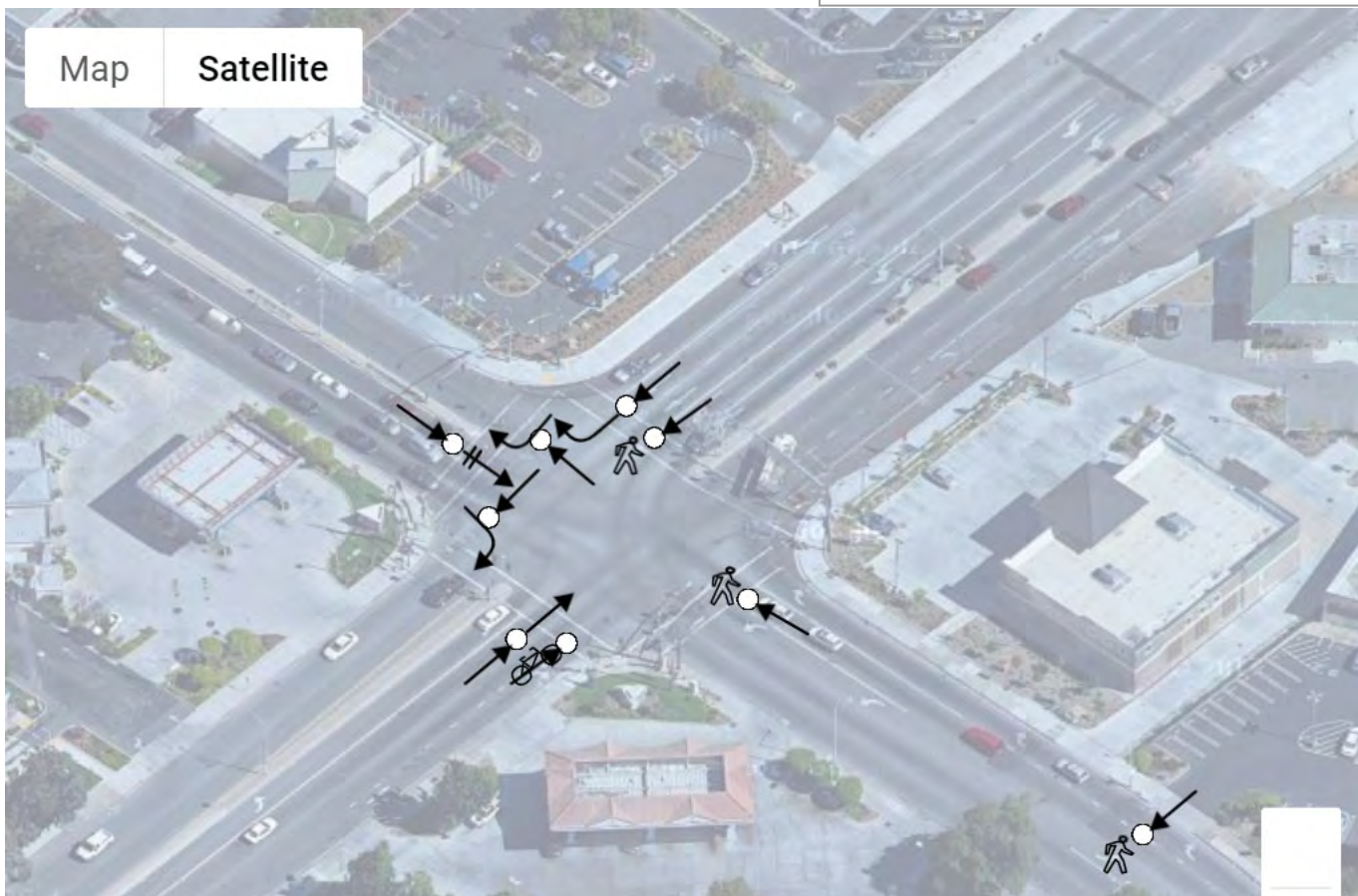
 Secondary Street:
 SOMERSVILLE RD

 Time Period:
 January 2014 to December 2018

 Agency Name:
 City of Antioch

Mapping Summary:
 Fatal Crash 0
 Injury Crash 9
 Mapped 9
 Not Drawn 6
 Total 15

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅒 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6398216	2-1-2014	2	DELTA FAIR BL	SOMERSVILLE RD	198	8	D	DELTA FAIR BL & SOMERSVILLE RD
6813203	11-19-2014	4	DELTA FAIR BL	SOMERSVILLE RD	25	3	C	DELTA FAIR BL & SOMERSVILLE RD
7066378	4-13-2015	4	DELTA FAIR BL	SOMERSVILLE RD	225	10	G	DELTA FAIR BL & SOMERSVILLE RD
8531802	10-23-2017	3	DELTA FAIR BL	SOMERSVILLE RD	100	11	G	DELTA FAIR BL & SOMERSVILLE RD
8843163	12-7-2018	4	DELTA FAIR BL	SOMERSVILLE RD	48	3	C	DELTA FAIR BL & SOMERSVILLE RD
8351856	3-20-2017	4	SOMERSVILLE RD	DELTA FAIR BL	0	9	D	DELTA FAIR BL & SOMERSVILLE RD
6438268	2-15-2014	4	SOMERSVILLE RD	DELTA FAIR BL	20	0	B	DELTA FAIR BL & SOMERSVILLE RD
6520106	3-24-2014	4	SOMERSVILLE RD	DELTA FAIR BL	70	-	C	DELTA FAIR BL & SOMERSVILLE RD
6774138	9-12-2014	3	SOMERSVILLE RD	DELTA FAIR BL	125	9	D	DELTA FAIR BL & SOMERSVILLE RD
8031735	11-2-2015	4	SOMERSVILLE RD	DELTA FAIR BL	55	11	G	DELTA FAIR BL & SOMERSVILLE RD
8053547	4-14-2016	3	SOMERSVILLE RD	DELTA FAIR BL	110	3	C	DELTA FAIR BL & SOMERSVILLE RD
8110371	8-5-2016	4	SOMERSVILLE RD	DELTA FAIR BL	50	9	D	DELTA FAIR BL & SOMERSVILLE RD
8358826	1-5-2017	4	SOMERSVILLE RD	DELTA FAIR BL	0	3	C	DELTA FAIR BL & SOMERSVILLE RD
8361011	4-2-2017	4	SOMERSVILLE RD	DELTA FAIR BL	0	11	G	DELTA FAIR BL & SOMERSVILLE RD
8459253	7-15-2017	4	SOMERSVILLE RD	DELTA FAIR BL	240	1	E	DELTA FAIR BL & SOMERSVILLE RD

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CRASH DIAGRAM

Primary Street:
E 18TH ST

Secondary Street:
A ST

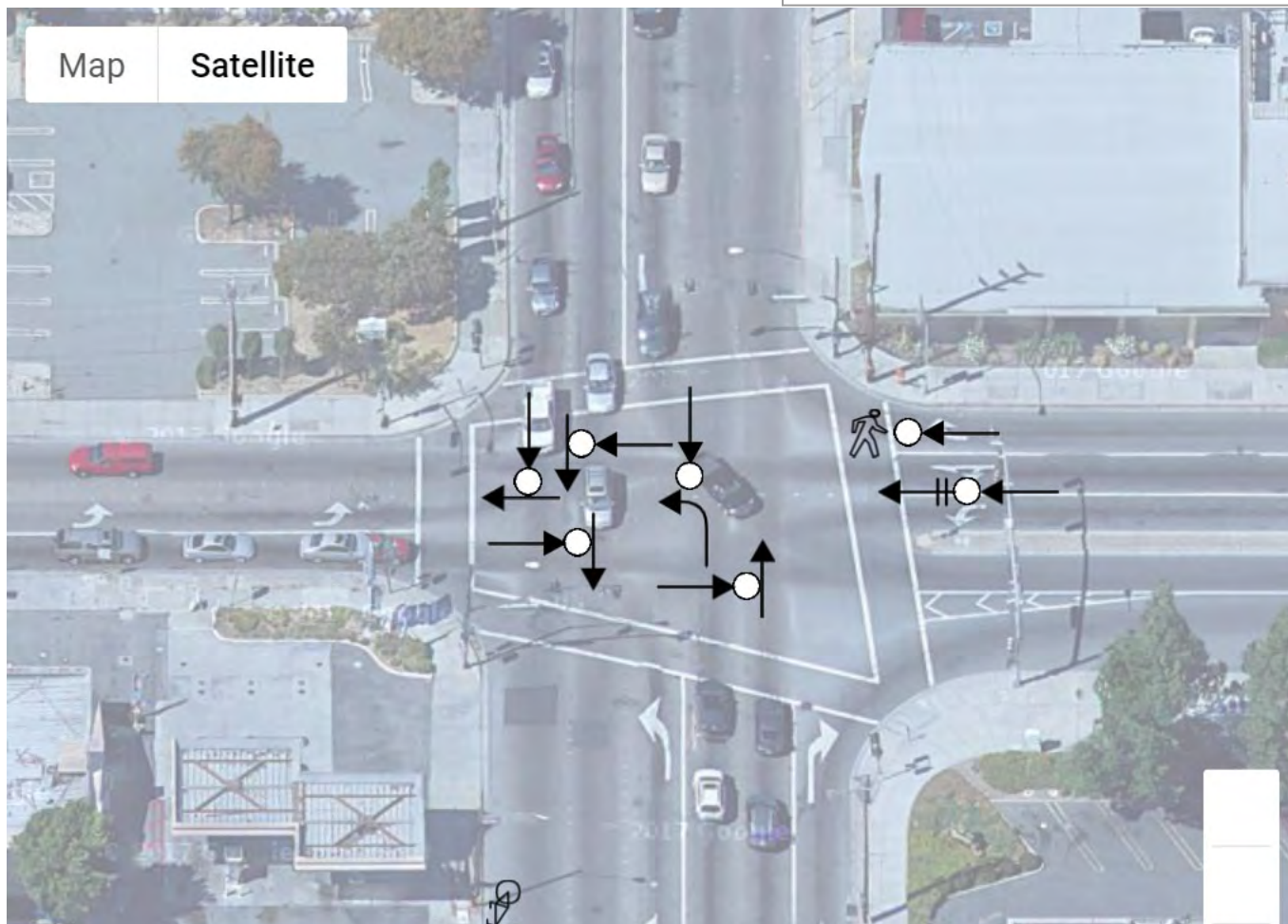
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	8
Mapped	8
Not Drawn	3
Total	11

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
7066173	4-15-2015	3	A ST	E 18TH ST	120	9	D	E 18TH ST & A ST
8031624	2-21-2016	4	A ST	W 18TH ST	112	8	D	E 18TH ST & A ST
8057031	3-19-2016	4	A ST	E 18TH ST	211	3	C	E 18TH ST & A ST
8165265	10-3-2016	4	A ST	E 18TH ST	12	9	D	E 18TH ST & A ST
8663470	6-23-2018	4	A ST	E 18TH ST	0	12	D	E 18TH ST & A ST
6347248	3-7-2016	4	E 18TH ST	A ST	15	3	C	E 18TH ST & A ST
7110982	8-10-2015	4	E 18TH ST	A ST	0	9	D	E 18TH ST & A ST
7138631	8-10-2015	4	E 18TH ST	A ST	100	5	E	E 18TH ST & A ST
8610997	4-12-2018	2	E 18TH ST	A ST	129	0	G	E 18TH ST & A ST
8625746	2-9-2018	4	E 18TH ST	A ST	0	9	D	E 18TH ST & A ST
8759963	9-1-2018	4	W 18TH ST	A ST	25	9	D	E 18TH ST & A ST

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CRASH DIAGRAM

Primary Street:
E 18TH ST

Secondary Street:
VIERA AV

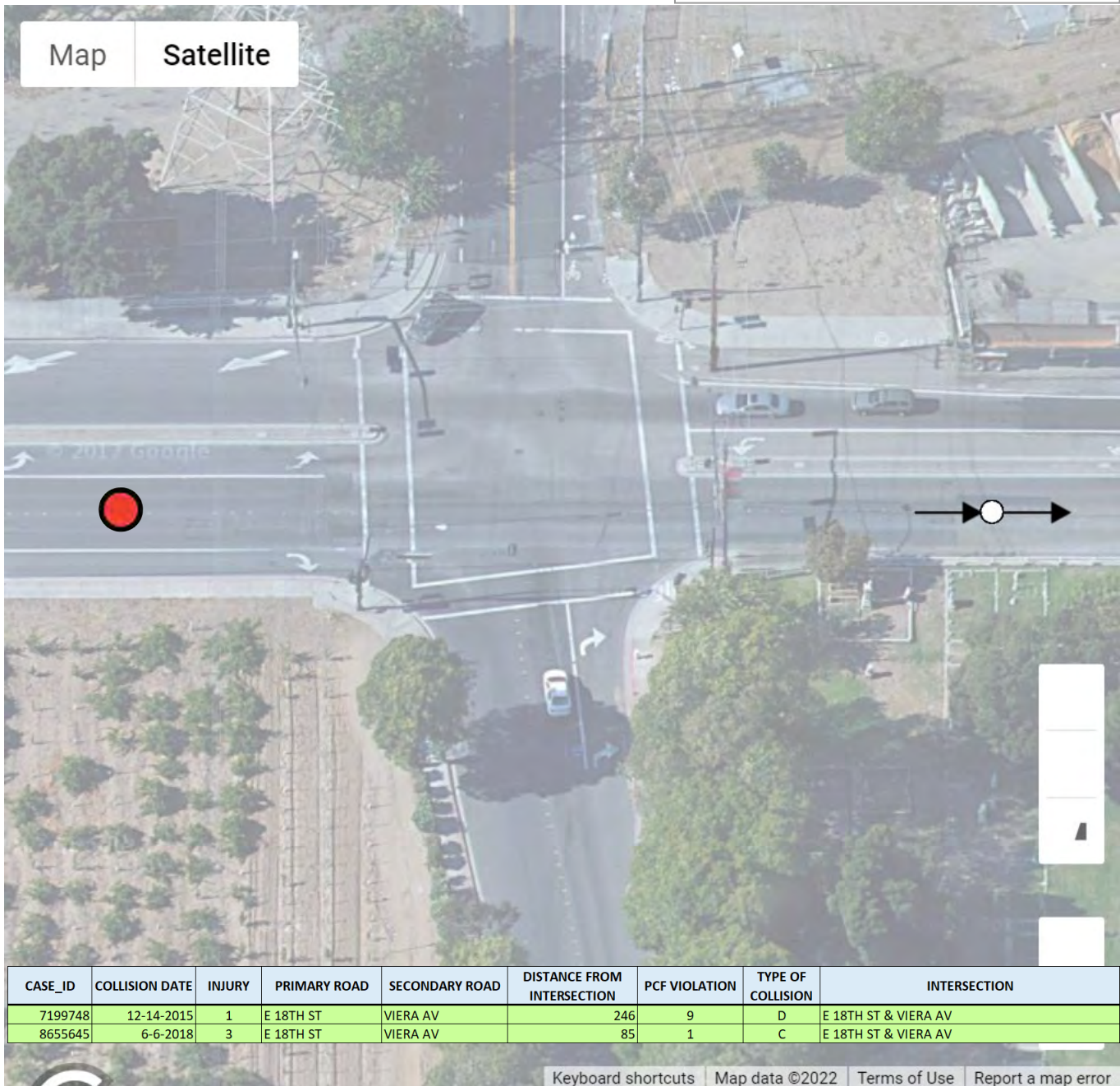
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	1
Injury Crash	1
Mapped	2
Not Drawn	0
Total	2

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↶ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↷ Ran Off Road	
⏹ Stopped	
☒ Parked	



Date Created: 08/24/2022

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CRASH DIAGRAM

Primary Street:
EAST 18TH ST

Secondary Street:
HILLCREST AV

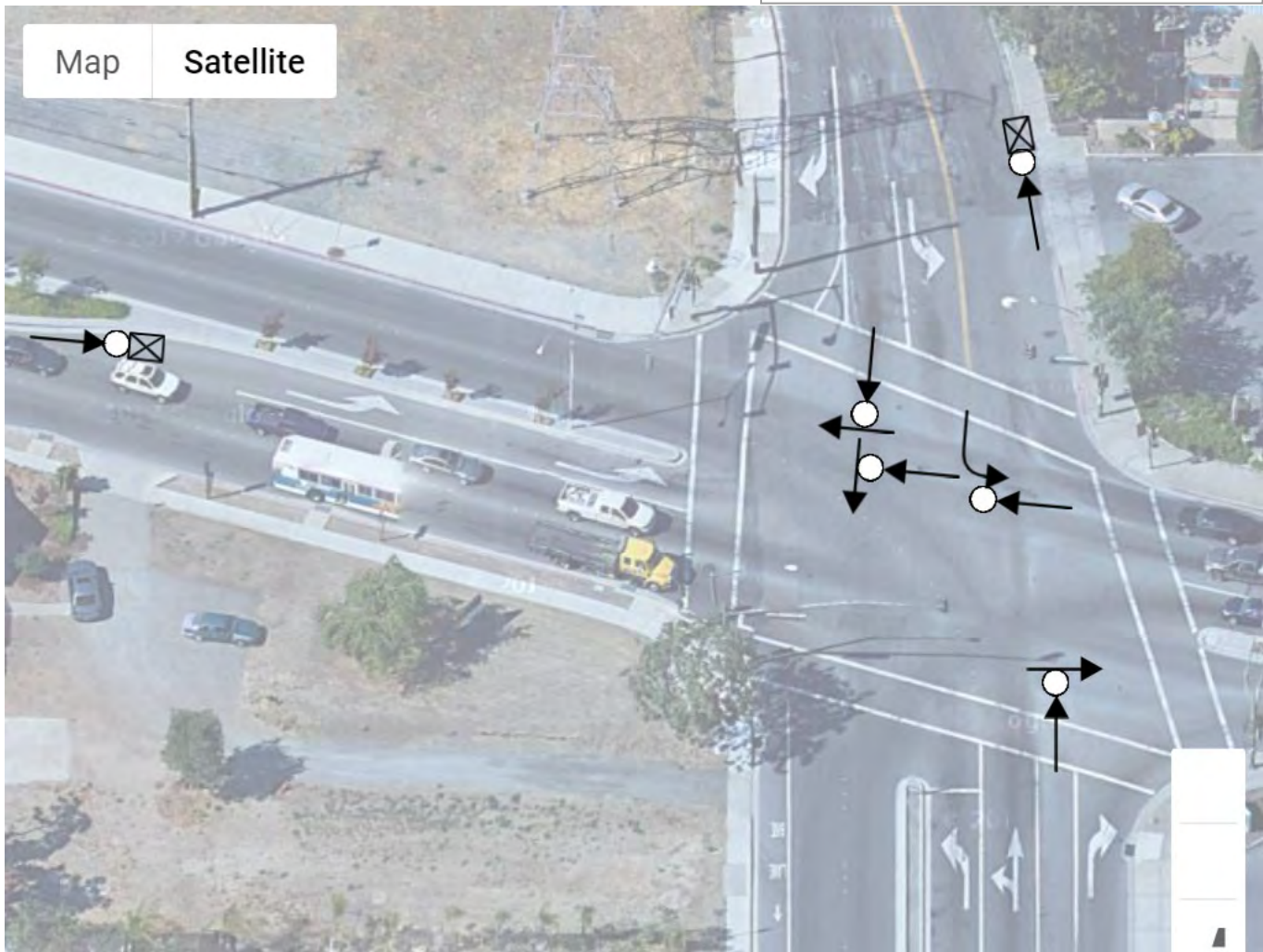
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	6
Mapped	6
Not Drawn	2
Total	8

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↶ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
☒ Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
8785781	10-6-2018	4	E 18TH ST	HILLCREST AV	150	3	D	EAST 18TH ST & HILLCREST AV
8549099	1-21-2018	2	EAST 18TH ST	HILLCREST AV	200	1	E	EAST 18TH ST & HILLCREST AV
7157358	9-26-2015	4	HILLCREST AV	E 18TH ST	0	12	D	EAST 18TH ST & HILLCREST AV
8096830	6-10-2016	4	HILLCREST AV	E 18TH ST	0	12	A	EAST 18TH ST & HILLCREST AV
8379261	4-26-2017	4	HILLCREST AV	E 18TH ST	0	12	D	EAST 18TH ST & HILLCREST AV
8414291	7-11-2017	3	HILLCREST AV	EAST 18TH ST	0	12	D	EAST 18TH ST & HILLCREST AV
8467371	9-5-2017	2	HILLCREST AV	E 18TH ST	50	3	E	EAST 18TH ST & HILLCREST AV
8663506	6-13-2018	4	HILLCREST AV	E 18TH ST	0	12	D	EAST 18TH ST & HILLCREST AV

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CRASH DIAGRAM

Primary Street:
HILLCREST AV

Secondary Street:
COUNTRY HILLS DR

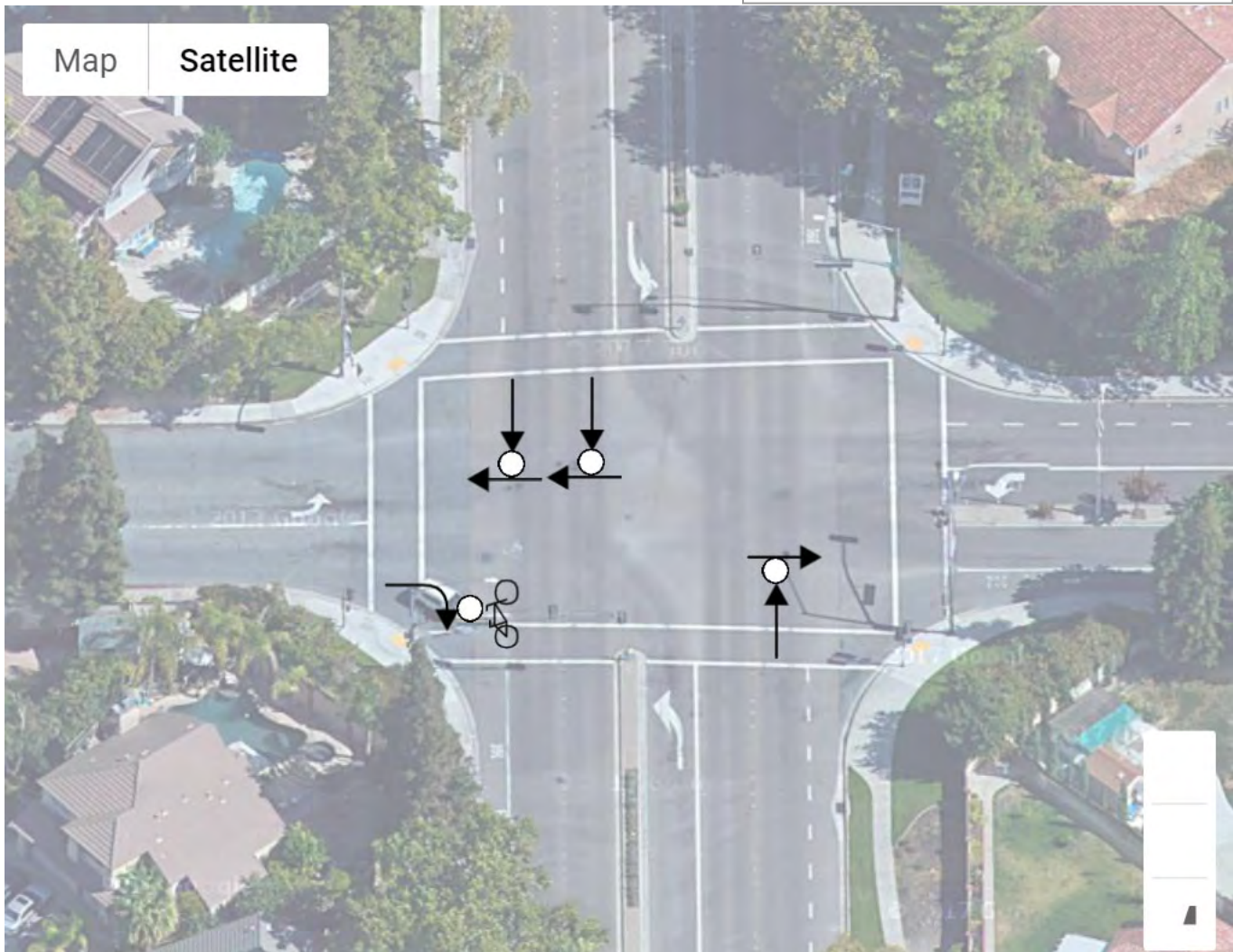
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	4
Mapped	4
Not Drawn	4
Total	8

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶↷ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6998420	2-24-2015	4	COUNTRY HILLS DR	HILLCREST AV	51	1	D	HILLCREST AV & COUNTRY HILLS DR
7209429	3-6-2016	3	COUNTRY HILLS DR	HILLCREST AV	0	12	D	HILLCREST AV & COUNTRY HILLS DR
6396315	1-3-2014	4	HILLCREST AV	COUNTRY HILLS DR	0	-	C	HILLCREST AV & COUNTRY HILLS DR
6988736	4-24-2015	3	HILLCREST AV	COUNTRY HILLS DR	200	18	B	HILLCREST AV & COUNTRY HILLS DR
7119917	9-2-2015	4	HILLCREST AV	COUNTRY HILLS DR	15	5	D	HILLCREST AV & COUNTRY HILLS DR
8081319	7-2-2016	3	HILLCREST AV	COUNTRY HILLS DR	240	5	G	HILLCREST AV & COUNTRY HILLS DR
8121683	8-4-2016	3	HILLCREST AV	COUNTRY HILLS DR	0	12	D	HILLCREST AV & COUNTRY HILLS DR
8719919	9-20-2018	4	HILLCREST AV	COUNTRY HILLS DR	0	12	D	HILLCREST AV & COUNTRY HILLS DR

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CRASH DIAGRAM

Primary Street:
HILLCREST AV

Secondary Street:
EAST TREGALLAS RD

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	1
Injury Crash	20
Mapped	21
Not Drawn	2
Total	23

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶↷ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
647508	3-11-2014	4	EAST TREGALLAS RD	HILLCREST AV	0	3	C	HILLCREST AV & EAST TREGALLAS RD
7195620	1-26-2016	4	EAST TREGALLAS RD	HILLCREST AV	0	12	D	HILLCREST AV & EAST TREGALLAS RD
6535438	5-15-2014	4	HILLCREST AV	LARKSPUR DR	25	1	C	HILLCREST AV & EAST TREGALLAS RD
6736438	10-4-2014	4	HILLCREST AV	LARKSPUR DR	80	3	C	HILLCREST AV & EAST TREGALLAS RD
6854404	10-21-2014	1	HILLCREST AV	EAST TREGALLAS RD	171	---	D	HILLCREST AV & EAST TREGALLAS RD
6910827	4-21-2015	4	HILLCREST AV	LARKSPUR DR	12	1	A	HILLCREST AV & EAST TREGALLAS RD
6913389	1-21-2015	4	HILLCREST AV	LARKSPUR DR	33	3	C	HILLCREST AV & EAST TREGALLAS RD
6940907	5-18-2015	4	HILLCREST AV	LARKSPUR DR	0	12	A	HILLCREST AV & EAST TREGALLAS RD
7041255	3-9-2015	4	HILLCREST AV	EAST TREGALLAS RD	0	5	B	HILLCREST AV & EAST TREGALLAS RD
7138568	7-14-2015	4	HILLCREST AV	LARKSPUR DR	0	12	D	HILLCREST AV & EAST TREGALLAS RD
8087478	5-14-2016	4	HILLCREST AV	LARKSPUR DR	0	12	D	HILLCREST AV & EAST TREGALLAS RD
8103283	8-9-2016	4	HILLCREST AV	EAST TREGALLAS RD	0	8	D	HILLCREST AV & EAST TREGALLAS RD
8189923	11-25-2016	4	HILLCREST AV	EAST TREGALLAS RD	0	12	A	HILLCREST AV & EAST TREGALLAS RD
8364040	5-3-2017	4	HILLCREST AV	LARKSPUR DR	0	9	D	HILLCREST AV & EAST TREGALLAS RD
8365128	3-5-2017	4	HILLCREST AV	LARKSPUR DR	0	3	C	HILLCREST AV & EAST TREGALLAS RD
8395199	5-2-2017	4	HILLCREST AV	LARKSPUR DR	0	3	C	HILLCREST AV & EAST TREGALLAS RD
8421668	6-15-2017	4	HILLCREST AV	LARKSPUR DR	0	3	C	HILLCREST AV & EAST TREGALLAS RD
8459350	8-19-2017	4	HILLCREST AV	EAST TREGALLAS RD	0	12	B	HILLCREST AV & EAST TREGALLAS RD
8503325	9-20-2017	4	HILLCREST AV	LARKSPUR DR	30	12	D	HILLCREST AV & EAST TREGALLAS RD
8538607	12-23-2017	4	HILLCREST AV	LARKSPUR DR	60	9	D	HILLCREST AV & EAST TREGALLAS RD
8608301	9-28-2017	4	HILLCREST AV	EAST TREGALLAS RD	100	1	F	HILLCREST AV & EAST TREGALLAS RD
8610963	3-27-2018	4	HILLCREST AV	LARKSPUR DR	150	3	C	HILLCREST AV & EAST TREGALLAS RD
8626753	2-9-2018	4	LARKSPUR DR	HILLCREST AV	16	3	C	HILLCREST AV & EAST TREGALLAS RD

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CRASH DIAGRAM

Primary Street:
HILLCREST AV

Secondary Street:
HIDDEN GLEN DR

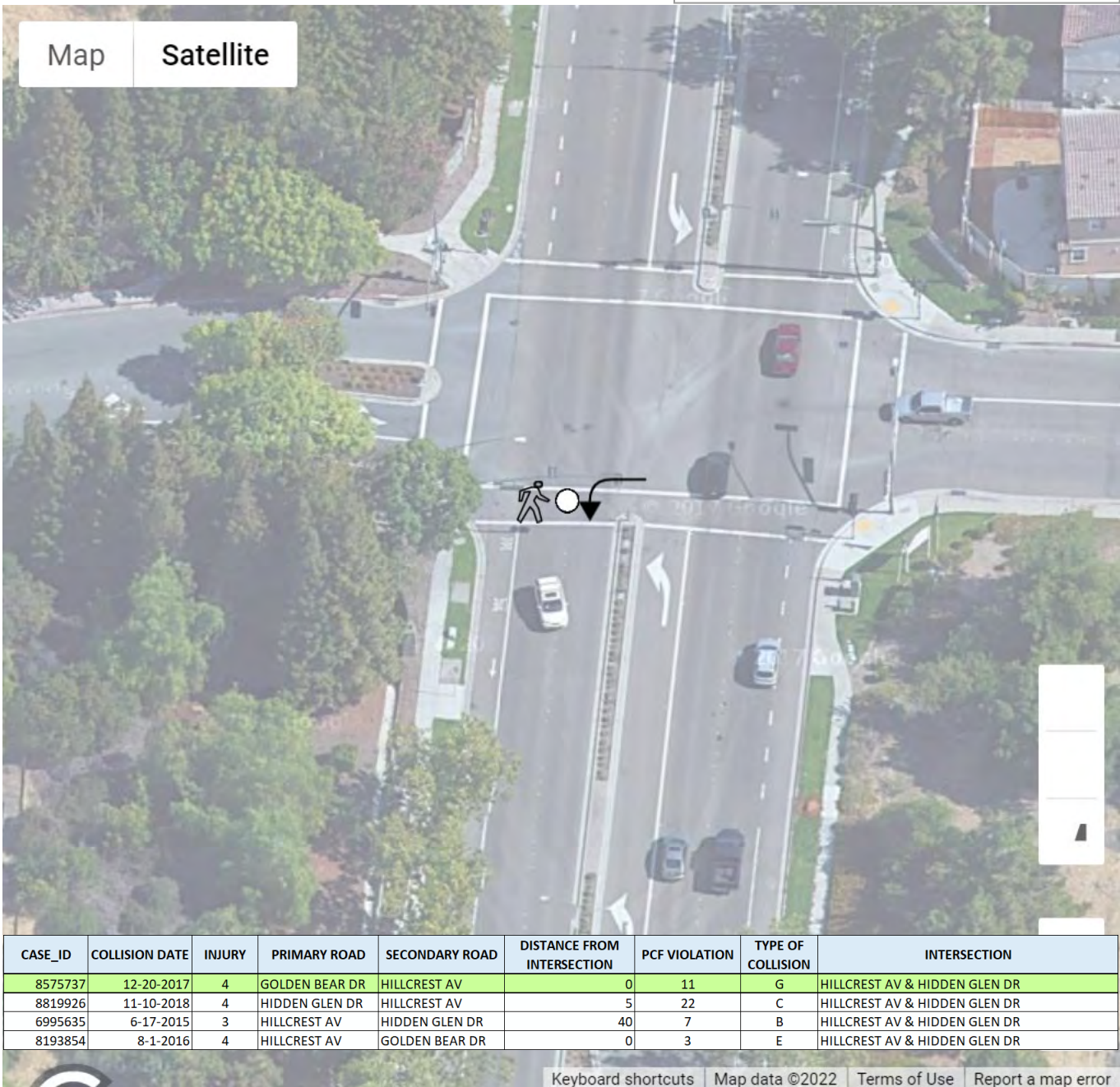
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	1
Mapped	1
Not Drawn	3
Total	4

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅒 Parked	



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CRASH DIAGRAM

Primary Street:
HILLCREST AV

Secondary Street:
STERLING HILL DR

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	3
Mapped	3
Not Drawn	2
Total	5

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
7138405	8-24-2015	4	HILLCREST AV	LAUREL RD	0	12	D	HILLCREST AV & STERLING HILL DR
7197892	2-22-2016	4	HILLCREST AV	LAUREL RD	150	8	E	HILLCREST AV & STERLING HILL DR
8193328	9-1-2016	4	HILLCREST AV	STERLING HILL DR	115	7	H	HILLCREST AV & STERLING HILL DR
8467317	8-12-2017	4	HILLCREST AV	LAUREL RD	0	12	D	HILLCREST AV & STERLING HILL DR
8598651	2-4-2018	4	HILLCREST AV	LAUREL RD	203	3	E	HILLCREST AV & STERLING HILL DR

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CRASH DIAGRAM

Primary Street:
HILLCREST AV

Secondary Street:
VIA DORA DR

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	4
Mapped	4
Not Drawn	0
Total	4

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



Date Created: 08/21/2022

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CRASH DIAGRAM

Primary Street:
HILLCREST AV

Secondary Street:
WILDFLOWER DR

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	4
Mapped	4
Not Drawn	1
Total	5

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅑 Parked	



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CRASH DIAGRAM

Primary Street:
HILLCREST AV

Secondary Street:
WILDHORSE DR

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	4
Mapped	4
Not Drawn	2
Total	6

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
🅒 Parked	



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CRASH DIAGRAM

Primary Street:
L ST

Secondary Street:
SYCAMORE DR

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	4
Mapped	4
Not Drawn	2
Total	6

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



Date Created: 08/21/2022
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CRASH DIAGRAM

Primary Street:
L ST

Secondary Street:
W 10TH ST

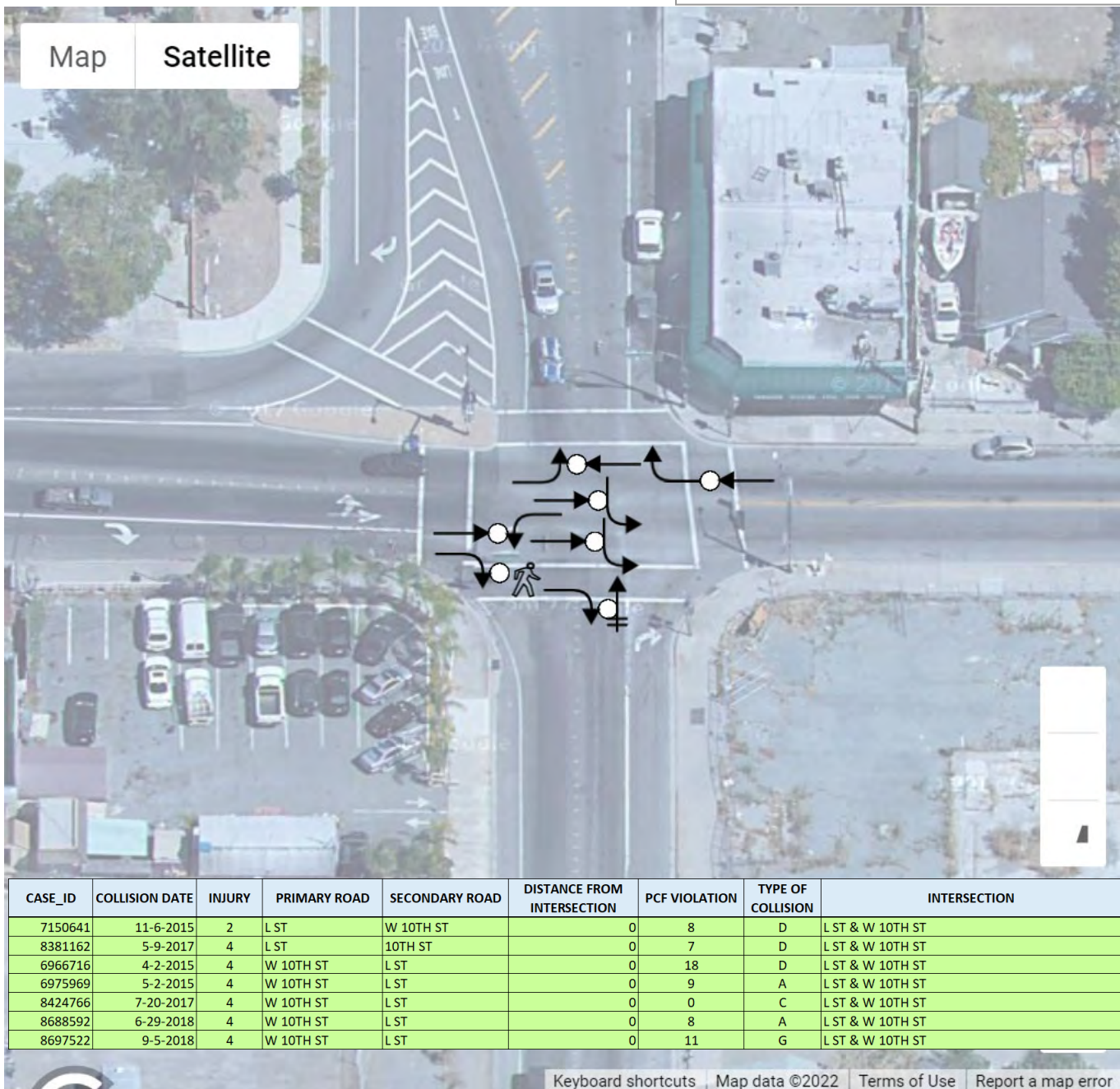
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	7
Mapped	7
Not Drawn	0
Total	7

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅒 Parked	



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CRASH DIAGRAM

Primary Street:
L ST

Secondary Street:
W 18TH ST

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	4
Mapped	4
Not Drawn	3
Total	7

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↶ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↷ Ran Off Road	
⏹ Stopped	
☒ Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6693961	7-31-2014	3	LST	W 18TH ST	150	8	A	L ST & W 18TH ST
8486770	7-5-2017	3	LST	W 18TH ST	50	1	E	L ST & W 18TH ST
6689845	9-8-2014	3	W 18TH ST	L ST	200	11	G	L ST & W 18TH ST
6834583	1-23-2015	4	W 18TH ST	L ST	90	11	G	L ST & W 18TH ST
7156959	12-11-2015	4	W 18TH ST	L ST	0	4	C	L ST & W 18TH ST
8164570	9-2-2016	4	W 18TH ST	L ST	125	3	C	L ST & W 18TH ST
8510842	10-26-2017	4	W 18TH ST	L ST	30	1	E	L ST & W 18TH ST

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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
BLACK DIAMOND DR

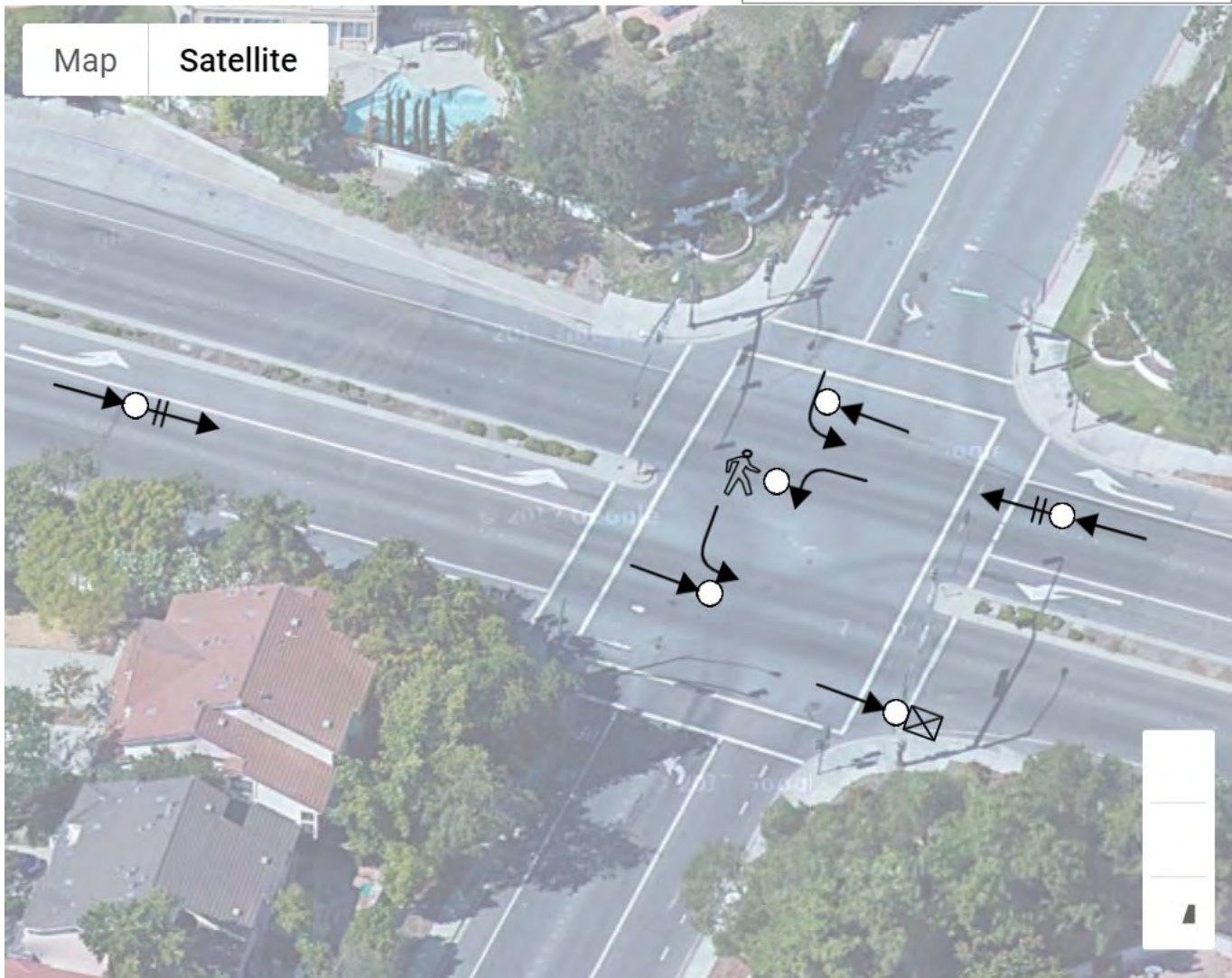
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	6
Mapped	6
Not Drawn	0
Total	6

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6689846	9-14-2014	4	BLACK DIAMOND DR	LONE TREE WY	0	12	A	LONE TREE WY & BLACK DIAMOND DR
6691824	7-31-2014	4	LONE TREE WY	MUIRWOOD WY	20	-	C	LONE TREE WY & BLACK DIAMOND DR
6835388	2-14-2015	4	LONE TREE WY	BLACK DIAMOND DR	200	4	C	LONE TREE WY & BLACK DIAMOND DR
8575733	12-23-2017	4	LONE TREE WY	MUIRWOOD WY	0	12	D	LONE TREE WY & BLACK DIAMOND DR
8623581	3-22-2018	3	LONE TREE WY	BLACK DIAMOND DR	0	11	G	LONE TREE WY & BLACK DIAMOND DR
7138623	7-27-2015	4	MUIRWOOD WY	LONE TREE WY	0	3	E	LONE TREE WY & BLACK DIAMOND DR

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CRASH DIAGRAM

Primary Street:
 LONE TREE WY

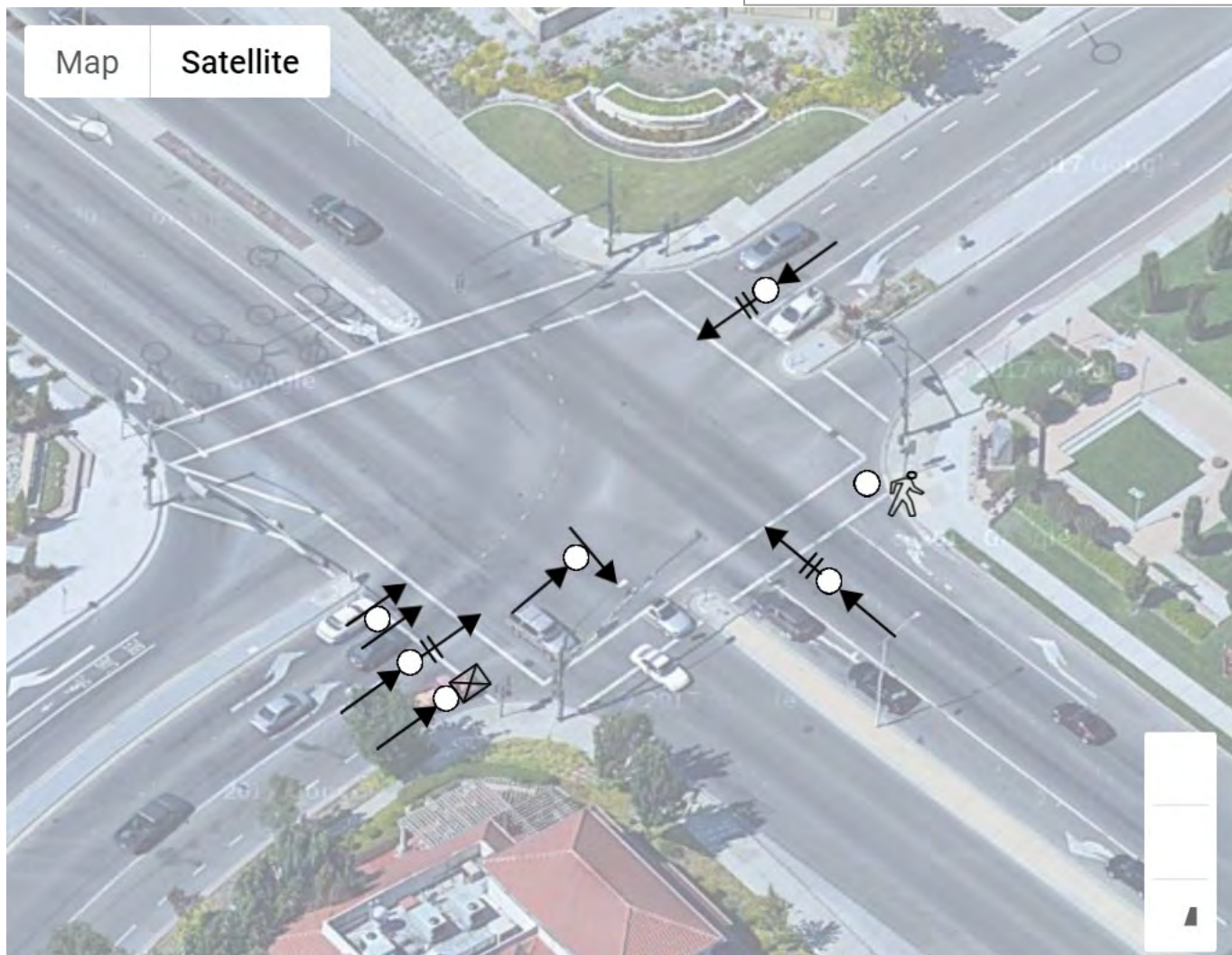
 Secondary Street:
 BLUEROCK DR

 Time Period:
 January 2014 to December 2018

 Agency Name:
 City of Antioch

Mapping Summary:
 Fatal Crash 0
 Injury Crash 7
 Mapped 7
 Not Drawn 1
 Total 8

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅒 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
7144636	7-22-2015	4	GOLF COURSE RD	LONE TREE WY	50	8	B	LONE TREE WY & BLUEROCK DR
8005953	2-9-2016	4	GOLF COURSE RD	LONE TREE WY	25	1	E	LONE TREE WY & BLUEROCK DR
8521049	12-9-2017	4	GOLF COURSE RD	LONE TREE WY	0	3	C	LONE TREE WY & BLUEROCK DR
6420545	2-7-2014	4	LONE TREE WY	GOLF COURSE RD	0	12	D	LONE TREE WY & BLUEROCK DR
7175608	10-31-2015	4	LONE TREE WY	BLUEROCK DR	0	3	C	LONE TREE WY & BLUEROCK DR
8058743	1-27-2016	4	LONE TREE WY	GOLF COURSE RD	0	3	C	LONE TREE WY & BLUEROCK DR
8141377	8-11-2016	3	LONE TREE WY	BLUEROCK DR	120	21	G	LONE TREE WY & BLUEROCK DR
8152922	8-30-2016	4	LONE TREE WY	BLUEROCK DR	200	3	C	LONE TREE WY & BLUEROCK DR

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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
DAVISON DR

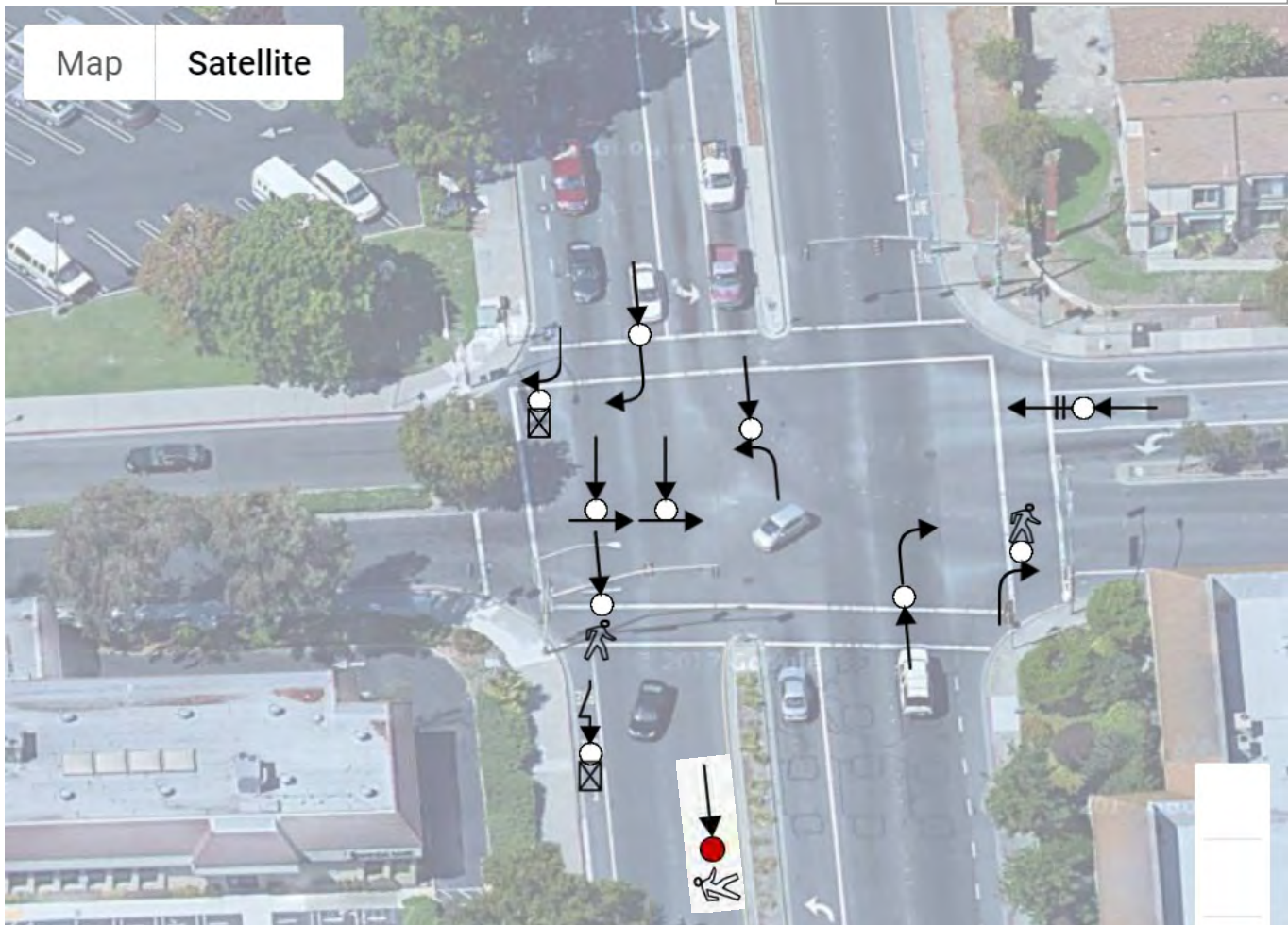
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	1
Injury Crash	10
Mapped	11
Not Drawn	1
Total	12

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↶ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
☒ Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
8052545	2-2-2016	4	DAVISON DR	LONE TREE WY	0	12	D	LONE TREE WY & DAVISON DR
8591280	3-13-2018	4	DAVISON DR	LONE TREE WY	0	11	G	LONE TREE WY & DAVISON DR
6780933	8-18-2014	4	LONE TREE WY	DAVISON DR	69	18	E	LONE TREE WY & DAVISON DR
7054606	5-18-2015	4	LONE TREE WY	DAVISON DR	0	3	C	LONE TREE WY & DAVISON DR
7199840	12-22-2015	1	LONE TREE WY	DAVISON DR	40	0	G	LONE TREE WY & DAVISON DR
8059923	3-18-2016	4	LONE TREE WY	DAVISON DR	0	12	D	LONE TREE WY & DAVISON DR
8133545	8-4-2016	4	LONE TREE WY	DAVISON DR	21	1	C	LONE TREE WY & DAVISON DR
8158302	9-18-2016	4	LONE TREE WY	DAVISON DR	200	0	C	LONE TREE WY & DAVISON DR
8196275	10-22-2016	3	LONE TREE WY	DAVISON DR	54	3	E	LONE TREE WY & DAVISON DR
8306391	1-20-2017	4	LONE TREE WY	DAVISON DR	0	0	C	LONE TREE WY & DAVISON DR
8459717	9-10-2017	3	LONE TREE WY	DAVISON DR	0	9	A	LONE TREE WY & DAVISON DR
8861987	12-2-2018	2	LONE TREE WY	DAVISON DR	122	11	G	LONE TREE WY & DAVISON DR

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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
DEER VALLEY RD

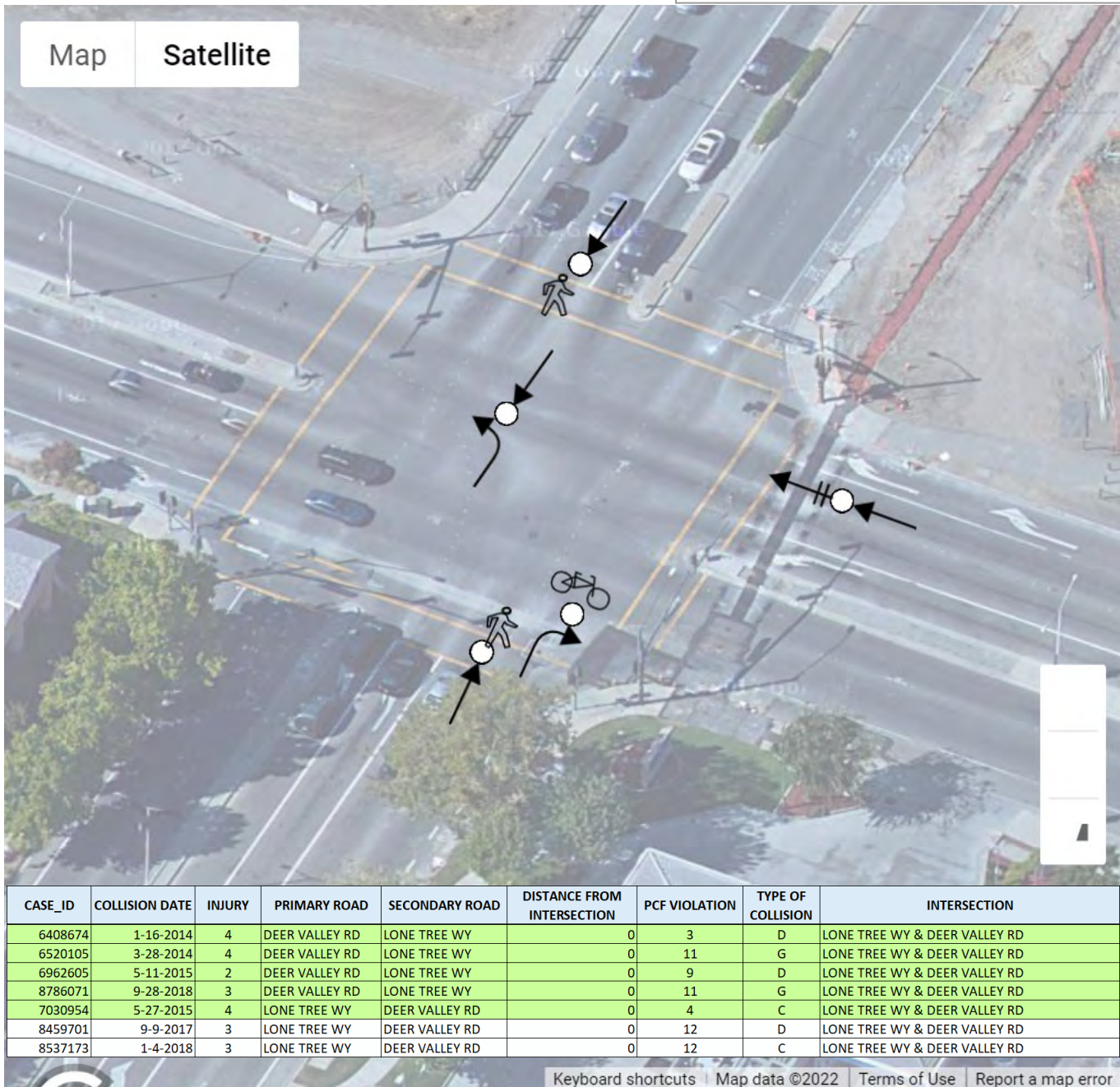
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	5
Mapped	5
Not Drawn	2
Total	7

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅒 Parked	



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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
EAGLERIDGE DR

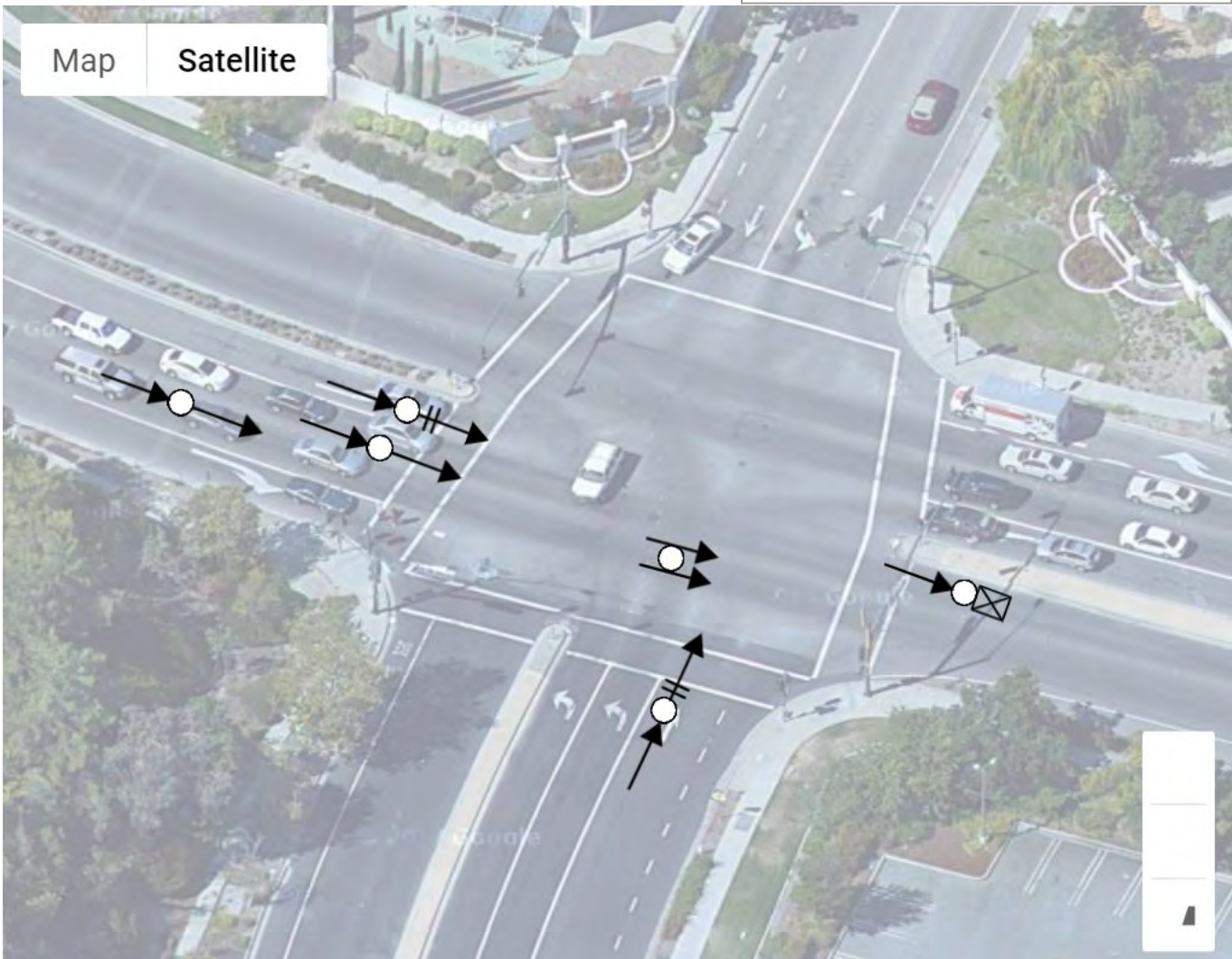
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	6
Mapped	6
Not Drawn	1
Total	7

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
8040395	4-1-2016	4	DALLAS RANCH RD	LONE TREE WY	34	12	D	LONE TREE WY & EAGLERIDGE DR
8785358	12-14-2018	4	DALLAS RANCH RD	LONE TREE WY	0	3	C	LONE TREE WY & EAGLERIDGE DR
6357099	1-10-2014	4	LONE TREE WY	DALLAS RANCH RD	5	3	C	LONE TREE WY & EAGLERIDGE DR
6396307	1-10-2014	4	LONE TREE WY	DALLAS RANCH RD	12	-	C	LONE TREE WY & EAGLERIDGE DR
7138413	5-29-2015	3	LONE TREE WY	EAGLERIDGE DR	15	8	E	LONE TREE WY & EAGLERIDGE DR
8103013	8-8-2016	4	LONE TREE WY	EAGLERIDGE DR	132	3	C	LONE TREE WY & EAGLERIDGE DR
8801527	12-25-2018	3	LONE TREE WY	DALLAS RANCH RD	0	1	B	LONE TREE WY & EAGLERIDGE DR

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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
HILLCREST AV

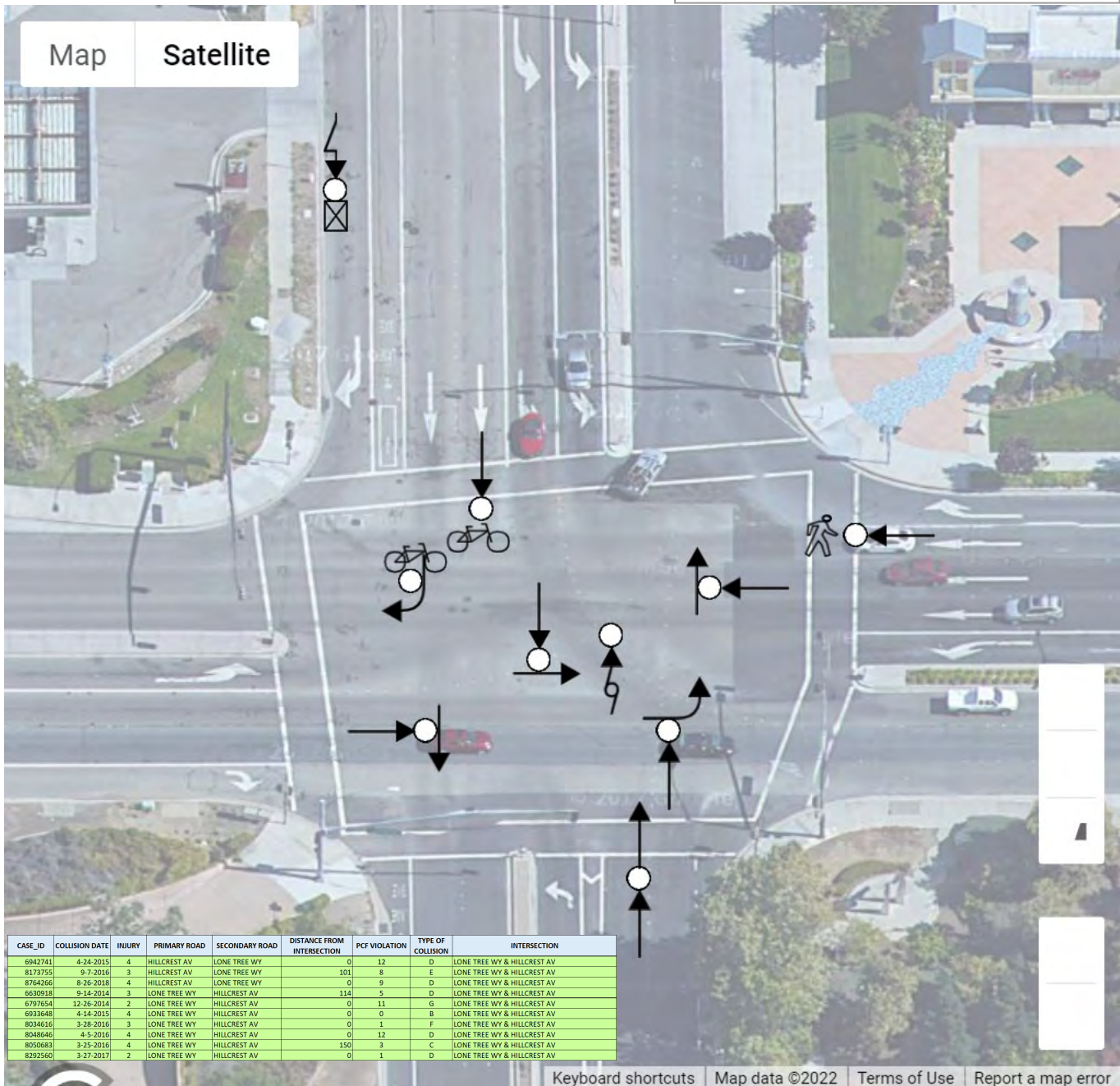
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	10
Mapped	10
Not Drawn	0
Total	10

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶↷ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
☒ Parked	



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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
MOKELUMNE DR

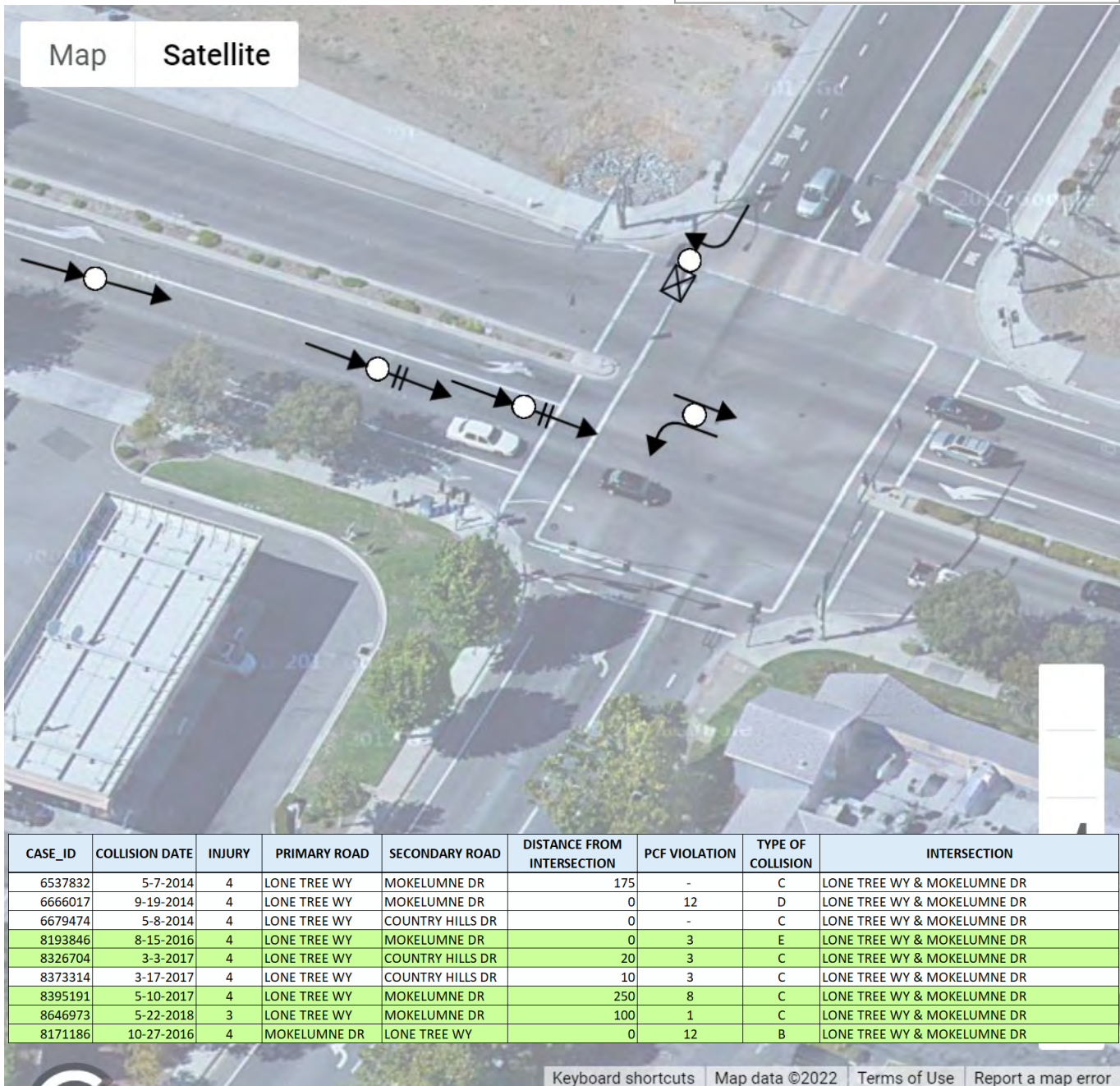
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	5
Mapped	5
Not Drawn	4
Total	9

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
SAGEBRUSH DR

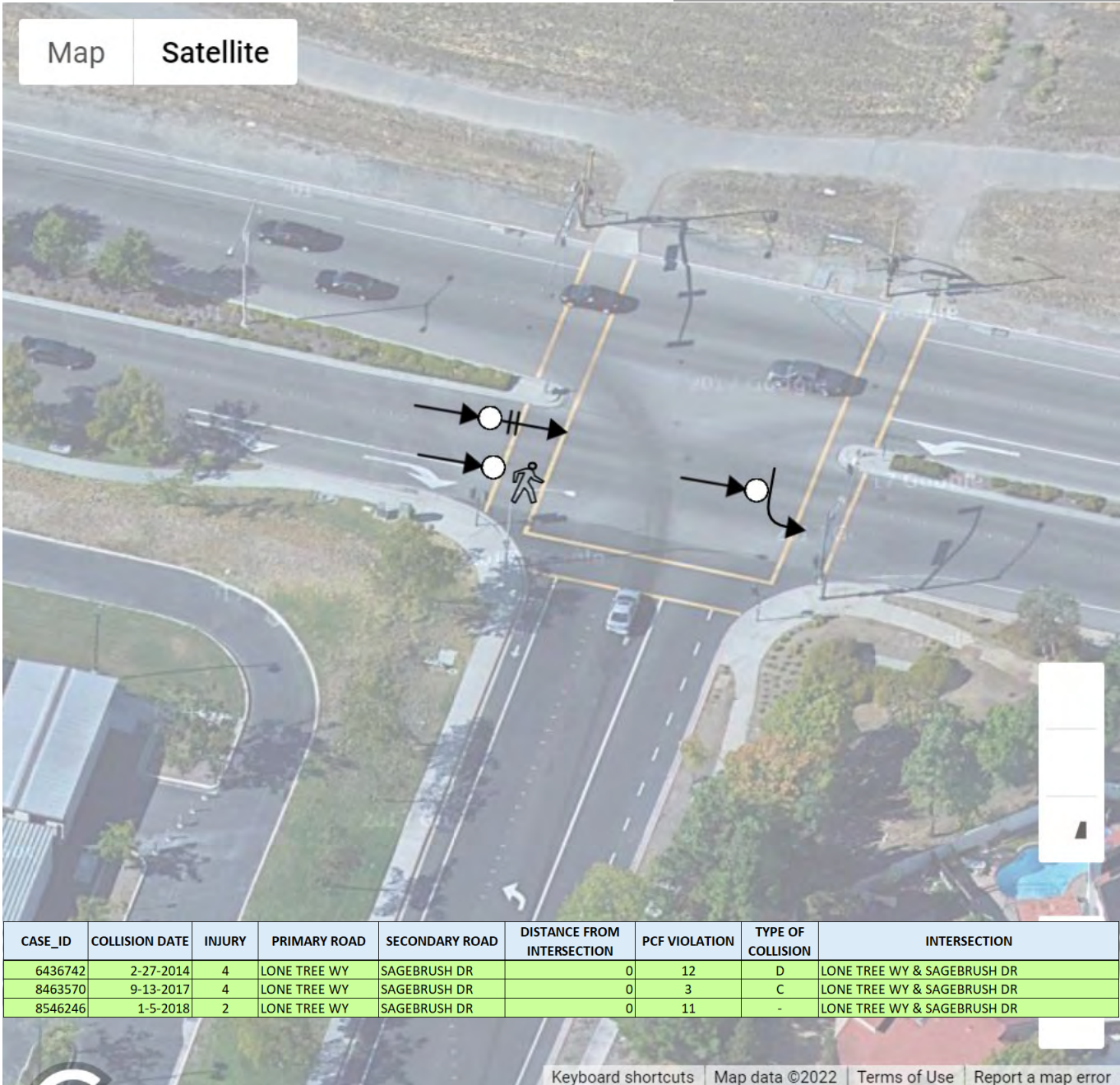
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	3
Mapped	3
Not Drawn	0
Total	3

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅒 Parked	



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CRASH DIAGRAM

Primary Street:
 LONE TREE WY

 Secondary Street:
 VISTA GRANDE DR

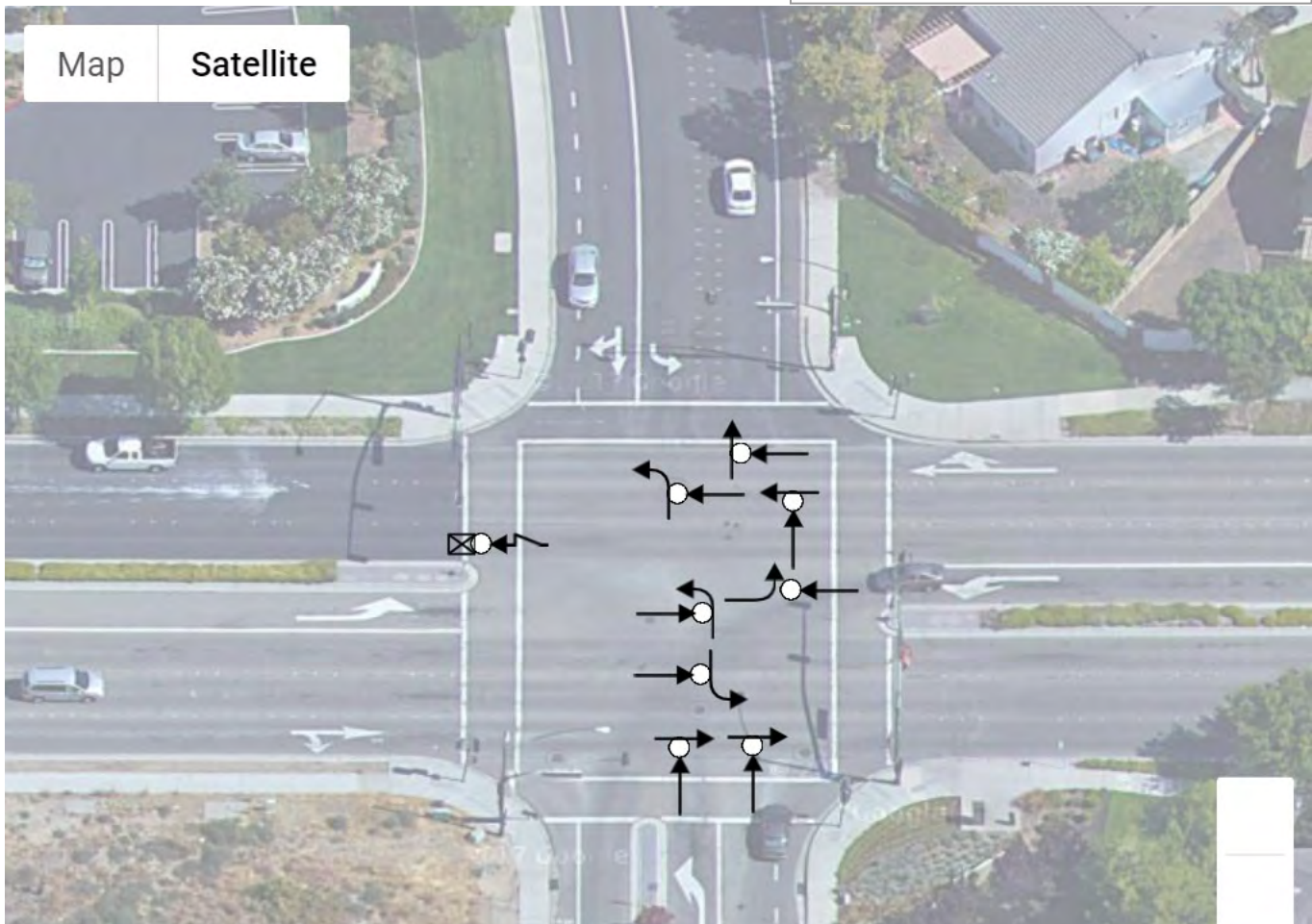
 Time Period:
 January 2014 to December 2018

 Agency Name:
 City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	9
Mapped	9
Not Drawn	3
Total	12

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↶ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
☒ Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6378310	1-19-2014	4	LONE TREE WY	VISTA GRANDE DR	0	12	D	LONE TREE WY & VISTA GRANDE DR
6425083	2-26-2014	4	LONE TREE WY	VISTA GRANDE DR	0	12	D	LONE TREE WY & VISTA GRANDE DR
6577942	6-24-2014	4	LONE TREE WY	VISTA GRANDE DR	0	12	D	LONE TREE WY & VISTA GRANDE DR
6665810	8-9-2014	4	LONE TREE WY	VISTA GRANDE DR	45	3	C	LONE TREE WY & VISTA GRANDE DR
6682063	9-8-2014	3	LONE TREE WY	VISTA GRANDE DR	0	12	D	LONE TREE WY & VISTA GRANDE DR
6795547	10-3-2014	3	LONE TREE WY	VISTA GRANDE DR	0	12	D	LONE TREE WY & VISTA GRANDE DR
7138417	4-19-2015	3	LONE TREE WY	VISTA GRANDE DR	0	8	E	LONE TREE WY & VISTA GRANDE DR
8117721	8-16-2016	4	LONE TREE WY	VISTA GRANDE DR	0	12	D	LONE TREE WY & VISTA GRANDE DR
8191125	11-12-2016	4	LONE TREE WY	VISTA GRANDE DR	0	1	D	LONE TREE WY & VISTA GRANDE DR
8319017	2-15-2017	4	LONE TREE WY	VISTA GRANDE DR	0	3	C	LONE TREE WY & VISTA GRANDE DR
6703993	8-3-2014	4	VISTA GRANDE DR	LONE TREE WY	0	17	D	LONE TREE WY & VISTA GRANDE DR
6812903	12-14-2014	3	VISTA GRANDE DR	LONE TREE WY	0	12	D	LONE TREE WY & VISTA GRANDE DR

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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
WORRELL RD

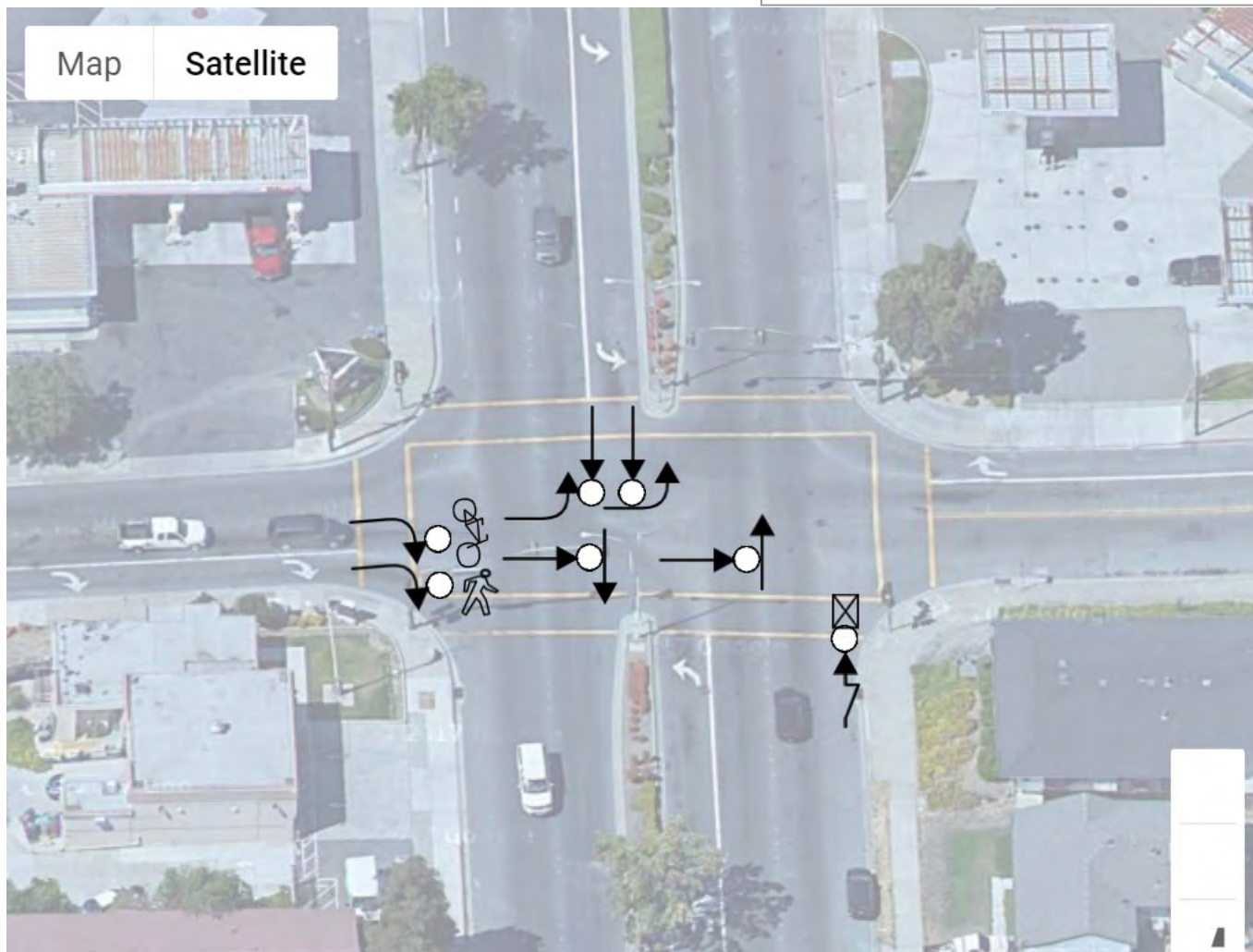
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	7
Mapped	7
Not Drawn	2
Total	9

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6847096	2-27-2015	3	LONE TREE WY	WORRELL RD	12	8	G	LONE TREE WY & WORRELL RD
7131294	10-15-2015	4	LONE TREE WY	PUTNAM ST	0	18	C	LONE TREE WY & WORRELL RD
8165261	10-1-2016	4	LONE TREE WY	PUTNAM ST	0	1	E	LONE TREE WY & WORRELL RD
8302481	1-4-2017	4	LONE TREE WY	PUTNAM ST	108	21	E	LONE TREE WY & WORRELL RD
8480571	9-26-2017	4	LONE TREE WY	PUTNAM ST	0	12	D	LONE TREE WY & WORRELL RD
8504579	12-16-2017	4	LONE TREE WY	WORRELL RD	0	12	D	LONE TREE WY & WORRELL RD
8607045	2-6-2018	4	LONE TREE WY	PUTNAM ST	10	5	D	LONE TREE WY & WORRELL RD
8644024	5-20-2018	4	LONE TREE WY	PUTNAM ST	0	12	D	LONE TREE WY & WORRELL RD
8191375	12-6-2016	4	PUTNAM ST	LONE TREE WY	0	12	A	LONE TREE WY & WORRELL RD

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CRASH DIAGRAM

Primary Street:
PREWETT RANCH DR

Secondary Street:
DEER VALLEY RD

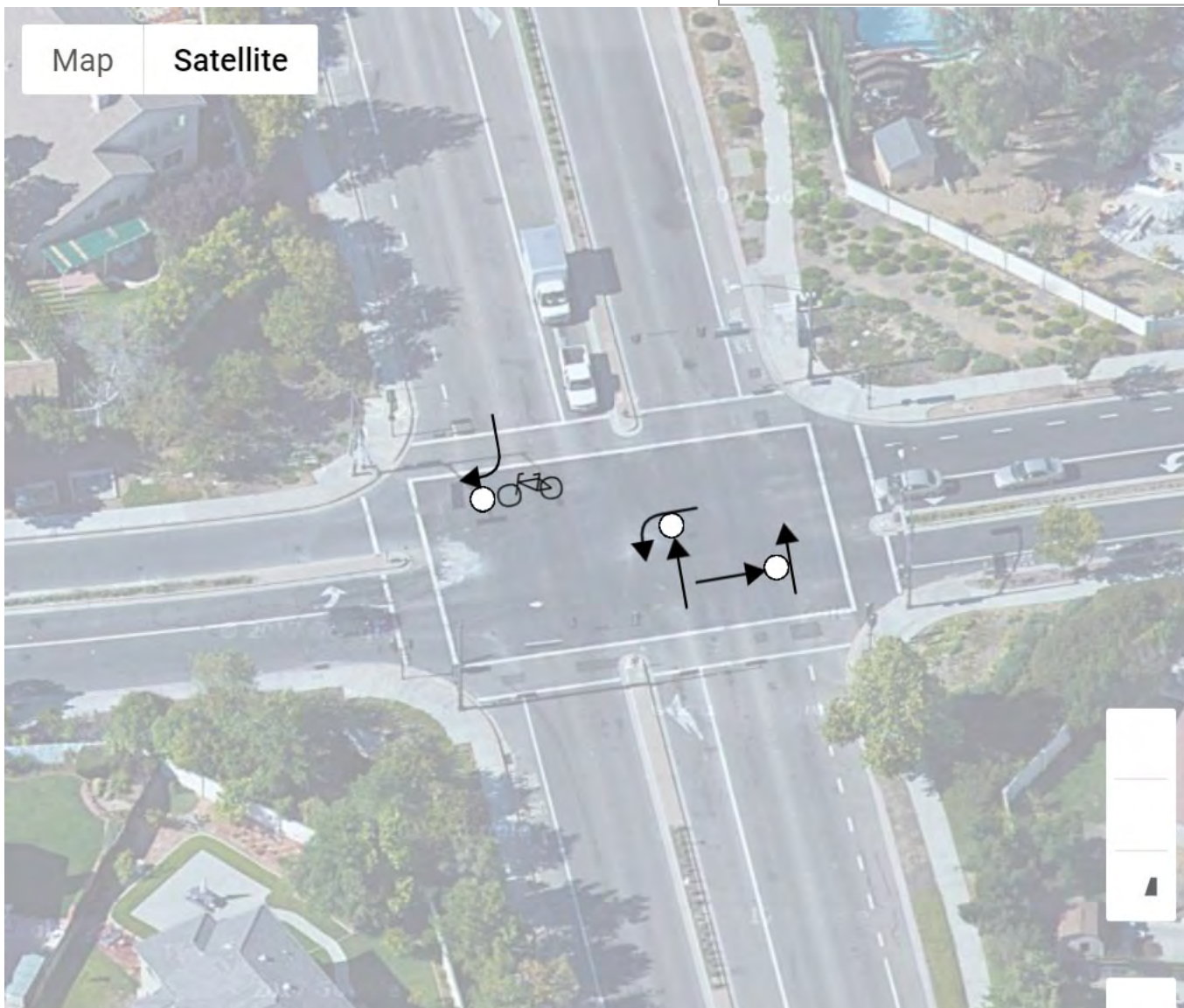
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	3
Mapped	3
Not Drawn	0
Total	3

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
8050592	2-4-2016	3	PREWETT RANCH DR	DEER VALLEY RD	0	12	D	PREWETT RANCH DR & DEER VALLEY RD
8353888	3-29-2017	3	PREWETT RANCH DR	DEER VALLEY RD	0	11	G	PREWETT RANCH DR & DEER VALLEY RD
8843671	10-27-2018	4	PREWETT RANCH DR	DEER VALLEY RD	0	12	D	PREWETT RANCH DR & DEER VALLEY RD

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CRASH DIAGRAM

Primary Street:
W 10TH ST

Secondary Street:
A ST

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	1
Mapped	1
Not Drawn	2
Total	3

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅑 Parked	



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CRASH DIAGRAM

Primary Street:
WILDFLOWER DR

Secondary Street:
DEER VALLEY RD

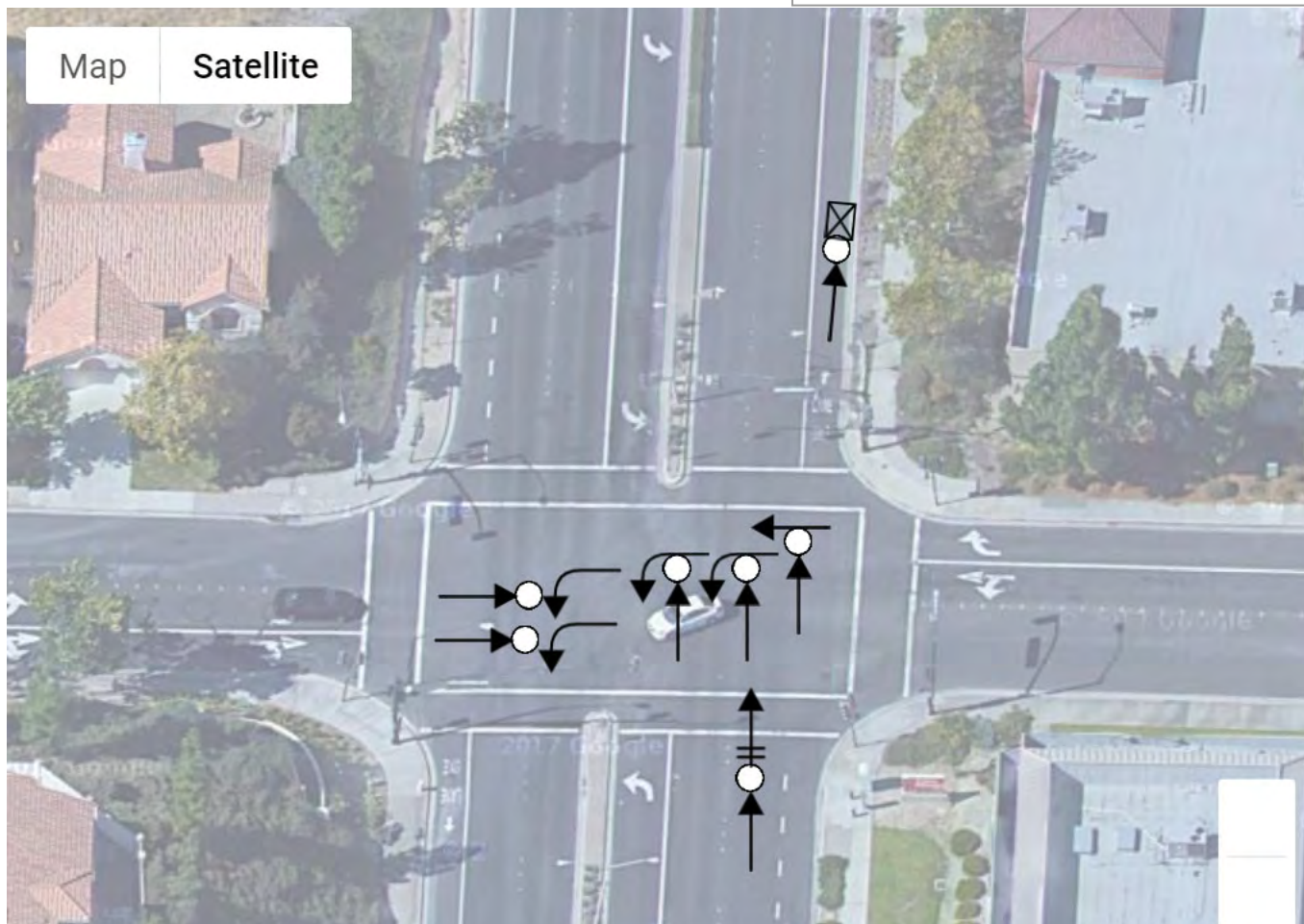
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	7
Mapped	7
Not Drawn	5
Total	12

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
🚗 Parked	



CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
6445833	1-5-2014	2	DEER VALLEY RD	WILDFLOWER DR	192	3	E	WILDFLOWER DR & DEER VALLEY RD
6506441	4-2-2014	3	DEER VALLEY RD	WILDFLOWER DR	0	-	A	WILDFLOWER DR & DEER VALLEY RD
6944915	3-10-2015	3	DEER VALLEY RD	WILDFLOWER DR	200	5	A	WILDFLOWER DR & DEER VALLEY RD
8067571	3-31-2016	4	DEER VALLEY RD	WILDFLOWER DR	0	12	D	WILDFLOWER DR & DEER VALLEY RD
8306300	12-22-2016	4	DEER VALLEY RD	WILDFLOWER DR	245	3	C	WILDFLOWER DR & DEER VALLEY RD
8566323	2-9-2018	4	DEER VALLEY RD	WILDFLOWER DR	30	3	C	WILDFLOWER DR & DEER VALLEY RD
8583739	2-4-2018	4	DEER VALLEY RD	WILDFLOWER DR	0	8	E	WILDFLOWER DR & DEER VALLEY RD
8682744	6-26-2018	4	DEER VALLEY RD	WILDFLOWER DR	0	8	D	WILDFLOWER DR & DEER VALLEY RD
6691997	3-27-2014	4	WILDFLOWER DR	DEER VALLEY RD	70	8	G	WILDFLOWER DR & DEER VALLEY RD
7011293	8-11-2015	4	WILDFLOWER DR	DEER VALLEY RD	0	12	D	WILDFLOWER DR & DEER VALLEY RD
7080065	9-6-2015	3	WILDFLOWER DR	DEER VALLEY RD	0	12	D	WILDFLOWER DR & DEER VALLEY RD
7148670	11-27-2015	4	WILDFLOWER DR	DEER VALLEY RD	0	12	D	WILDFLOWER DR & DEER VALLEY RD

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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
EMPIRE AVE

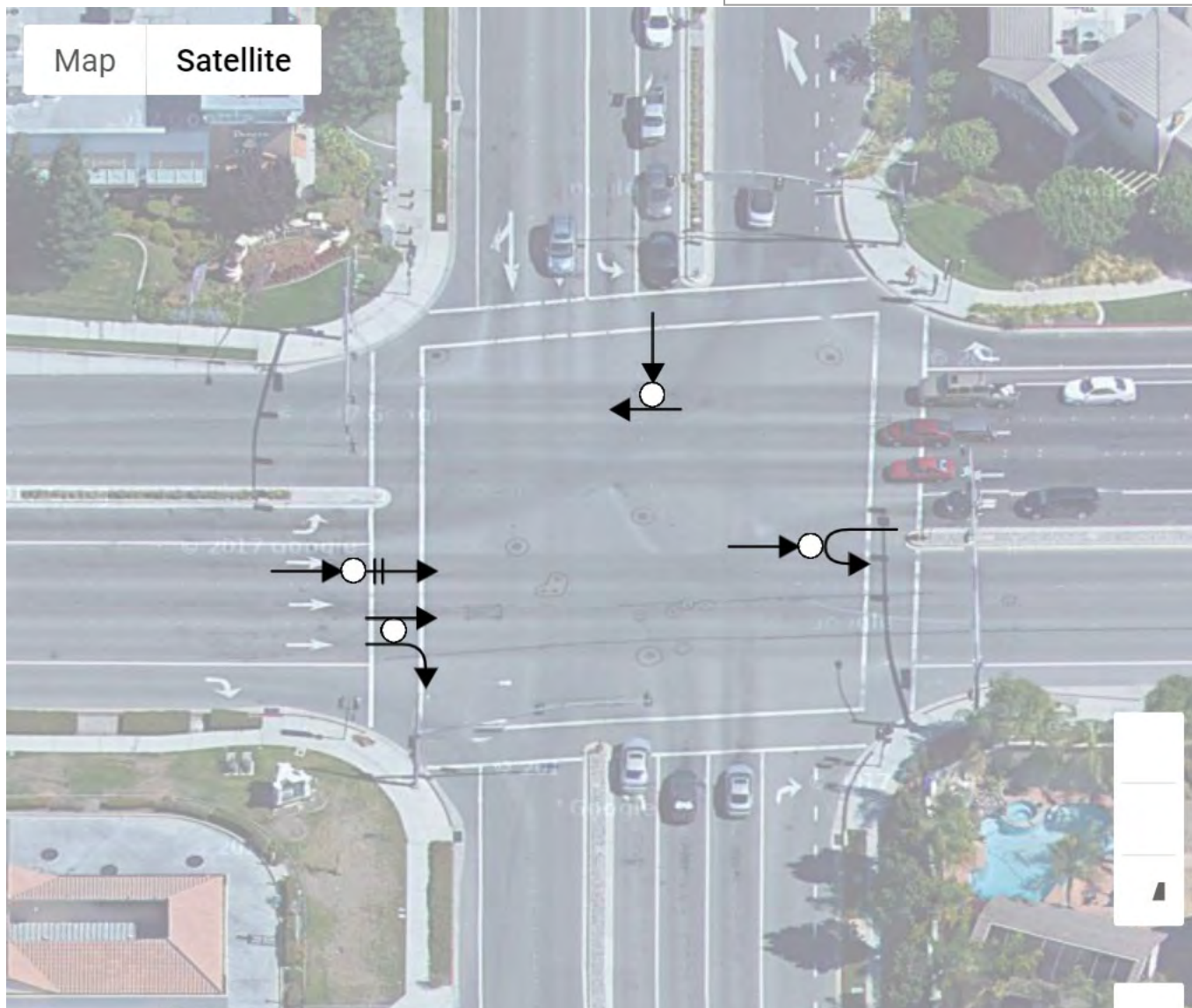
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	4
Mapped	4
Not Drawn	1
Total	5

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🚗 Parked	



7138409	7-26-2015	4	EMPIRE AV	LONE TREE WY	200	3	C	LONE TREE WY & EMPIRE AVE
6827324	12-15-2014	4	LONE TREE WY	EMPIRE AV	200	7	A	LONE TREE WY & EMPIRE AVE
8631612	2-28-2018	4	LONE TREE WY	EMPIRE AV	0	12	D	LONE TREE WY & EMPIRE AVE
8677269	4-16-2018	4	LONE TREE WY	EMPIRE AV	0	3	C	LONE TREE WY & EMPIRE AVE
8819922	11-21-2018	4	LONE TREE WY	EMPIRE AV	100	9	B	LONE TREE WY & EMPIRE AVE

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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
CLAYBURN ROAD

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	1
Mapped	1
Not Drawn	0
Total	1

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅓 Parked	

Map
Satellite

CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION
8677265	4-18-2018	3	LONE TREE WY	SUNSET LN	150	3	E	LONE TREE WY & CLAYBURN ROAD

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CRASH DIAGRAM

Primary Street:
GENTRYTOWN DR
 Secondary Street:
JAMES DONLON BL
 Time Period:
January 2014 to December 2018
 Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	1
Mapped	1
Not Drawn	0
Total	1

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↶ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↷ Ran Off Road	
⏹ Stopped	
☒ Parked	



Date Created: 08/17/2022

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CRASH DIAGRAM

Primary Street:
CONTRA LOMA BL

 Secondary Street:
RT 4

 Time Period:
 January 2014 to December 2018

 Agency Name:
 City of Antioch

Mapping Summary:
 Fatal Crash 0
 Injury Crash 0
 Mapped 0
 Not Drawn 5
 Total 5

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↻ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↷ Ran Off Road	
⏸ Stopped	
🚗 Parked	



Date Created: 08/24/2022

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CRASH DIAGRAM

Primary Street:
HILLCREST AV

 Secondary Street:
RT 4

 Time Period:
January 2014 to December 2018

 Agency Name:
City of Antioch

Mapping Summary:
 Fatal Crash 0
 Injury Crash 2
 Mapped 2
 Not Drawn 7
 Total 9

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏸ Stopped	
🅓 Parked	



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Date Created: 08/23/2022

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CRASH DIAGRAM

Primary Street:
LAUREL RD

Secondary Street:
BYPASS HWY

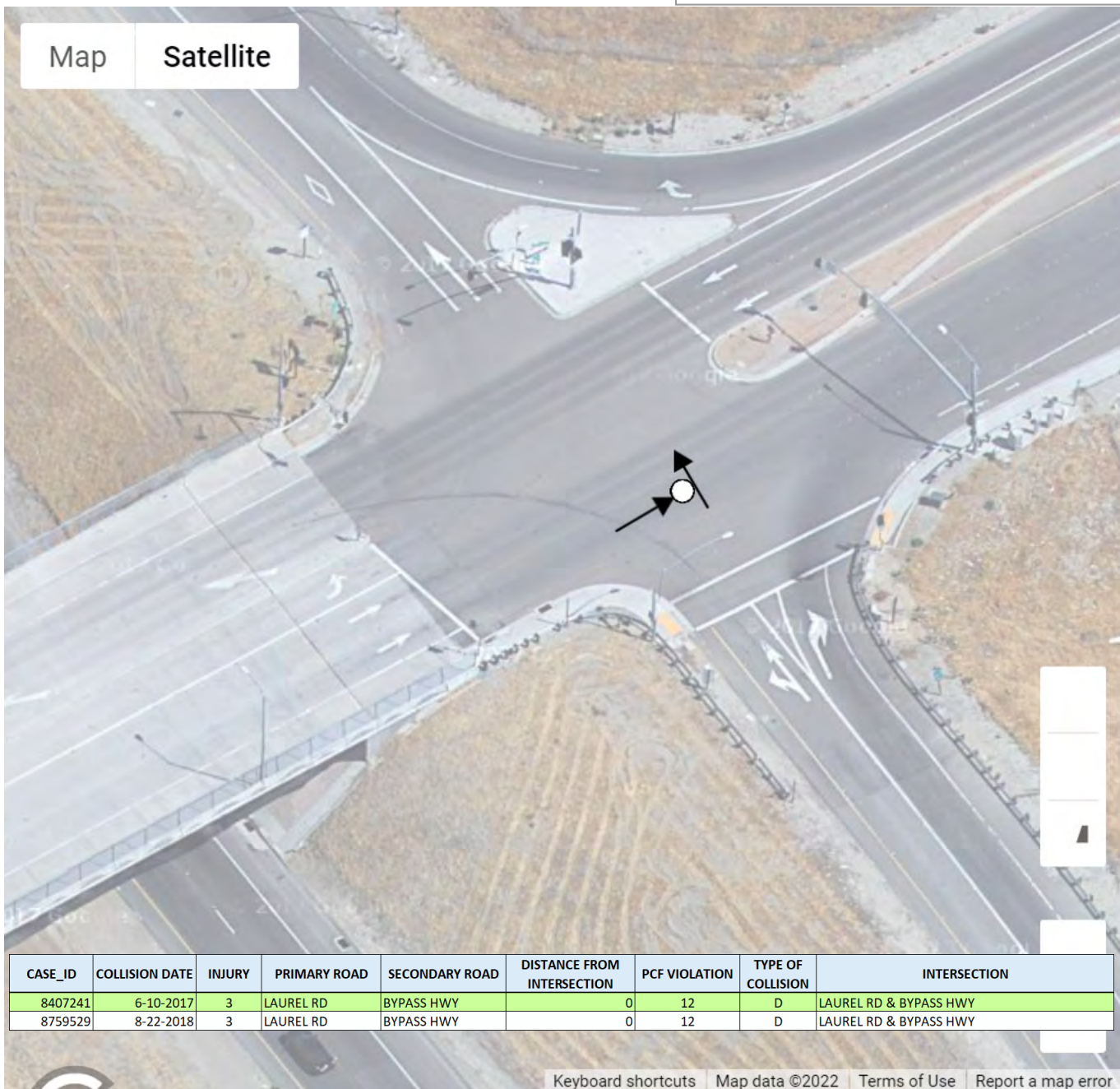
Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	1
Mapped	1
Not Drawn	1
Total	2

→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↺ U-Turn	● Fatal Crash
↻ Overturned	○ Injury Crash
↘ Ran Off Road	
⏹ Stopped	
🚗 Parked	



Date Created: 08/23/2022

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CRASH DIAGRAM

Primary Street:
LONE TREE WY

Secondary Street:
BYPASS HWY

Time Period:
January 2014 to December 2018

Agency Name:
City of Antioch

Mapping Summary:

Fatal Crash	0
Injury Crash	4
Mapped	4
Not Drawn	3
Total	7

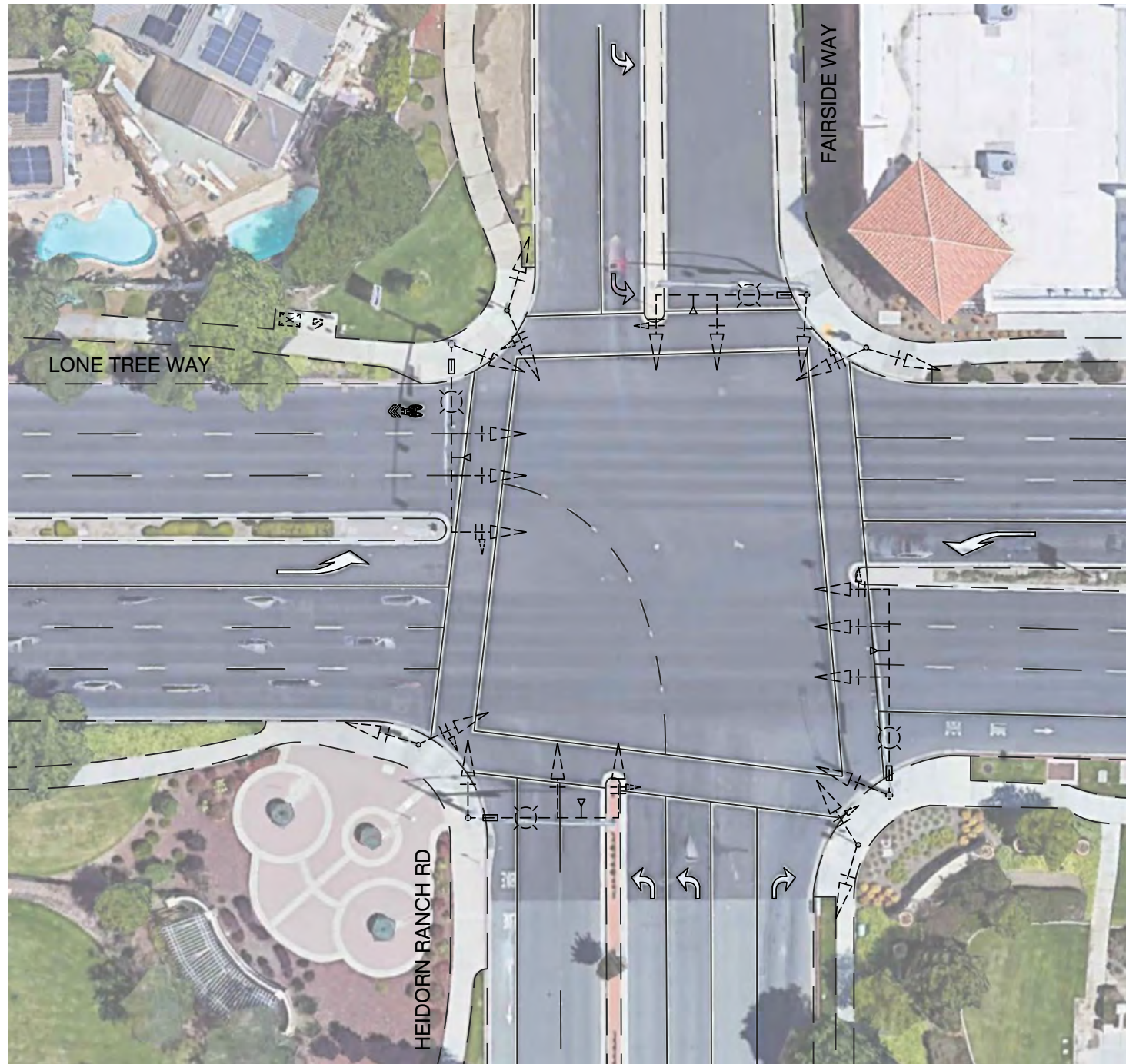
→ Straight	🚶 Pedestrian
↶ Left Turn	🚲 Bicycle
↷ Right Turn	☒ Object
↶ U-Turn	● Fatal Crash
↶ Overturned	○ Injury Crash
↷ Ran Off Road	
⏸ Stopped	
🚗 Parked	



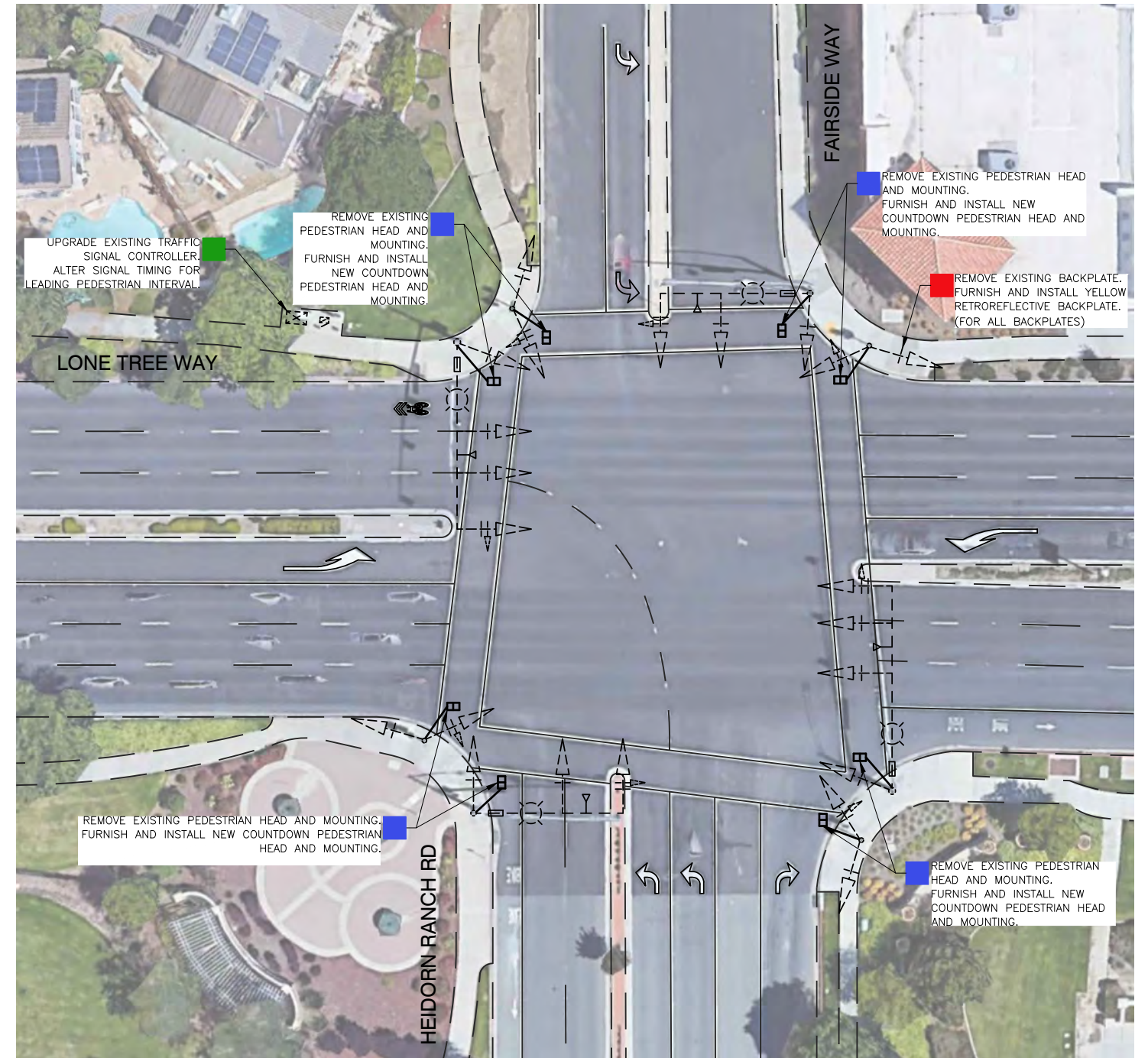
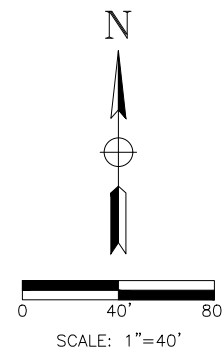
Date Created: 08/30/2022

Created by TIMS (<https://tims.berkeley.edu>) © UC Regents, 2014-2022

Lone Tree Way and Heidorn Ranch Rd/Fairside Way

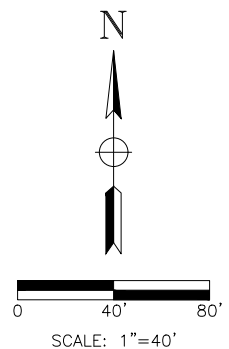


EXISTING CONDITIONS



PROPOSED CONDITIONS

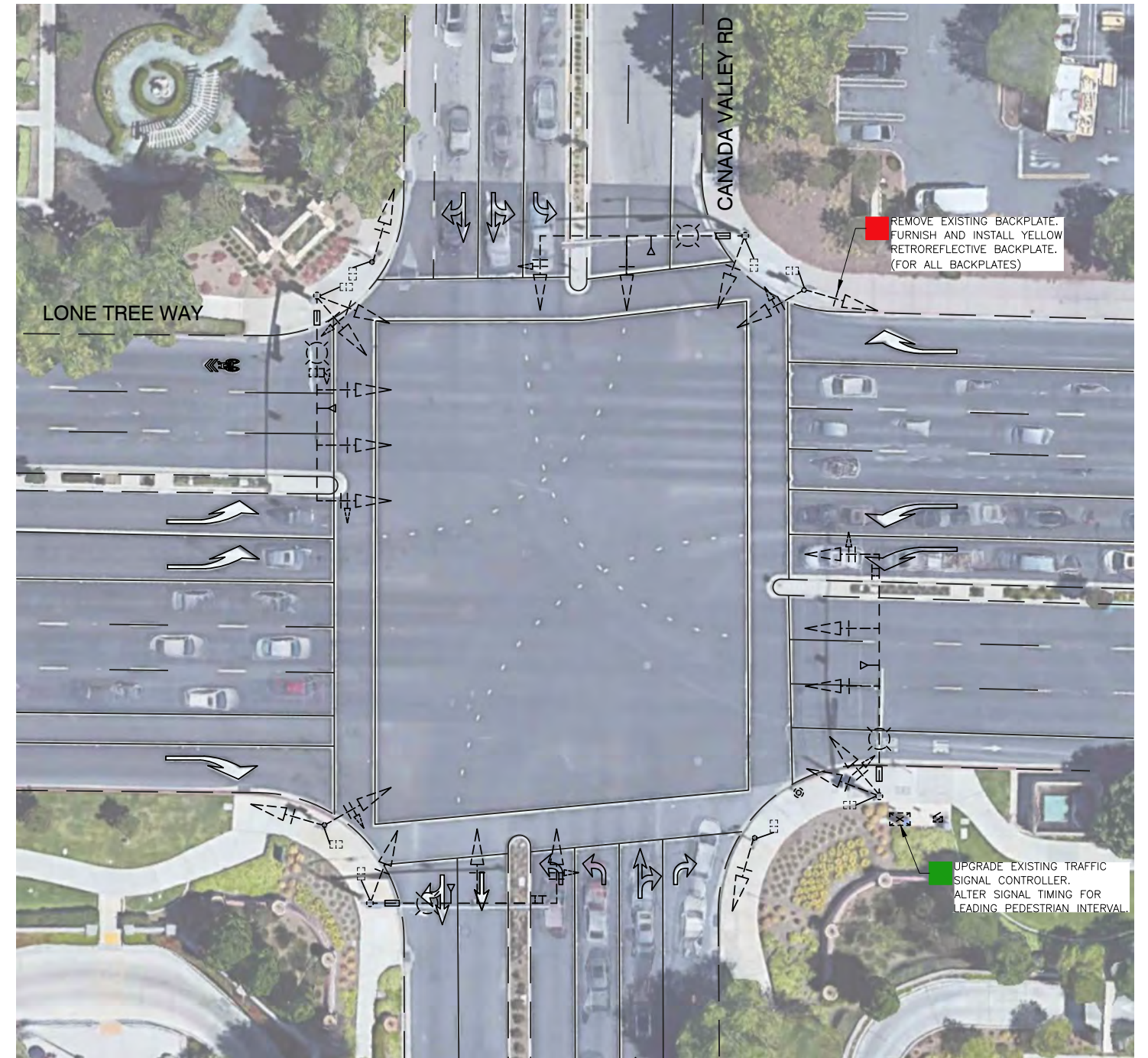
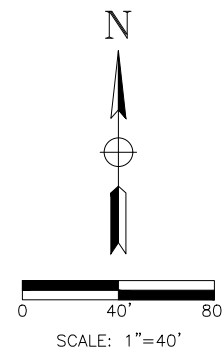
- LEGEND:**
- COUNTERMEASURE S02 IMPROVEMENTS
 - COUNTERMEASURE S17PB IMPROVEMENTS
 - COUNTERMEASURE S20PB IMPROVEMENTS



Lone Tree Way and Canada Valley Rd

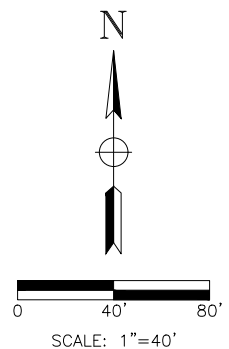


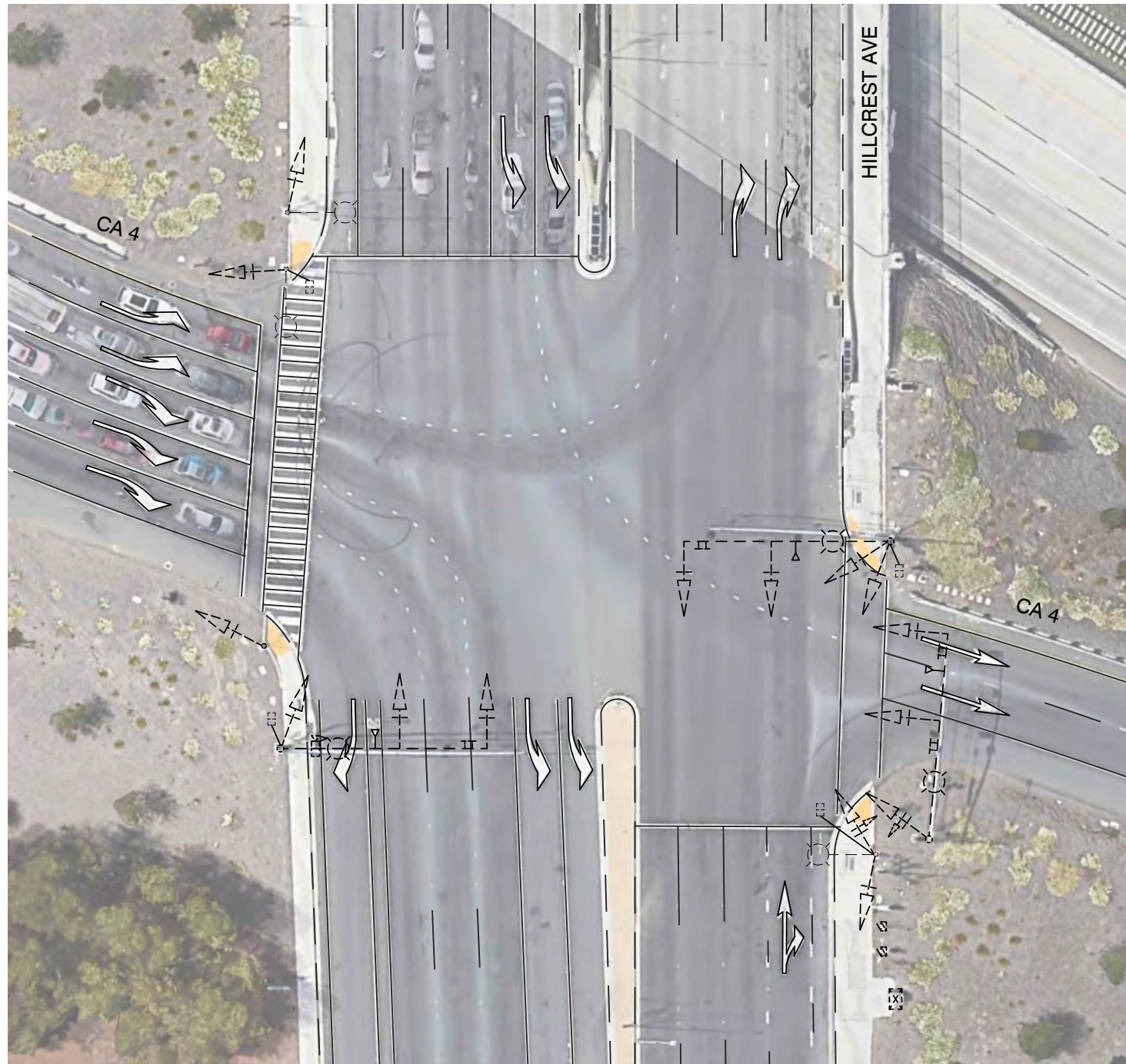
EXISTING CONDITIONS



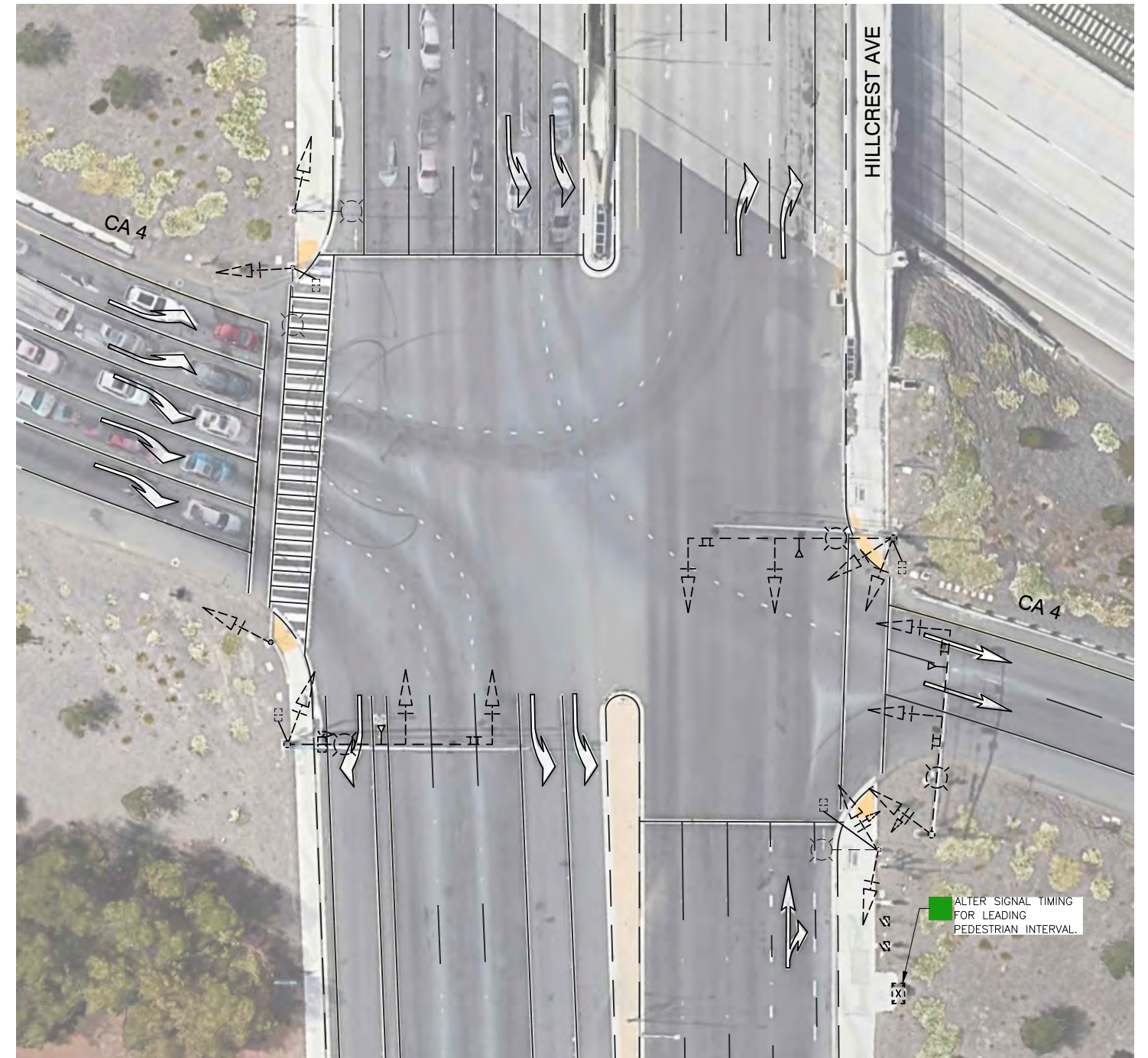
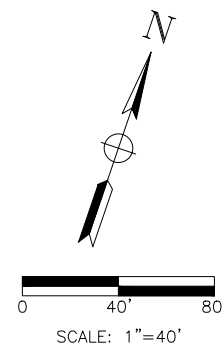
PROPOSED CONDITIONS

- LEGEND:**
- COUNTERMEASURE S02 IMPROVEMENTS
 - COUNTERMEASURE S20PB IMPROVEMENTS





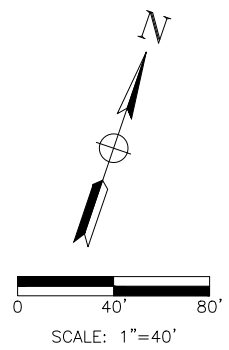
EXISTING CONDITIONS



LEGEND:
■ COUNTERMEASURE S20PB IMPROVEMENTS

■ ALTER SIGNAL TIMING FOR LEADING PEDESTRIAN INTERVAL.

PROPOSED CONDITIONS



HSIP ANALYZER (for BCR Applications)

Benefit Cost Ratio (BCR) Calculation for Highway Safety Improvement Program (HSIP) Application

Important: Review and follow the step-by-step instructions in the HSIP Analyzer Manual. Completing the HSIP Analyzer without referencing to the manual may result in an application with fatal flaws that will be disqualified from the ranking and selection process.

This is a dynamic form (i.e. later steps vary depending on the data entered in earlier steps). If any error messages appear, please fix the errors prior to proceeding to the next steps.

Save this file using "HA" + Application ID as the file name (e.g. "HA03-Sacramento-01.pdf"). Attach the completed HSIP Analyzer to the last page of the HSIP Application Form.

Section I: General Information

Application ID, Project Location and Project Description (copy from the HSIP Application Form):

Application ID:

04-Antioch-01

Project Location:
(limited to 250 characters)

69 Signalized Intersections along Multiple Roadway Segments within City of Antioch

Project Description:
(limited to 250 characters)

Improve signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number;
Install pedestrian countdown signal heads; and Install advance stop bar before crosswalk (Bicycle Box).

Number of Signalized Intersections:

69

Number of Non-signalized Intersections:

0

Miles of Roadways*:

*Do not include the length of the intersections that have been accounted for in the number of intersections above.

Functional Classification (FC): For California Road System (CRS) maps to check the FC, click [here](#).

Urban / Rural Area:

What is the approximate total cost percentage that is HR3 eligible?

Annual Average Daily Traffic (see instructions):

AADT (Major Road) AADT (Minor Road) Year of AADT

Posted Speed Limit (mph):

Which of the California's Strategic Highway Safety Plan (SHSP) Challenge Areas does the project address primarily? Multiple Challenge Areas may be checked. For example, if this project is for pedestrian safety at intersections, both "Intersections" and "Pedestrians" should be checked. For more information on the SHSP and its Challenge Areas, click [here](#).

- Intersections
 Lane Departures
 Pedestrians
 Bicyclists
 Emergency Response
 Emerging Technologies
 Work Zones
 Speed Management/
 Aggressive Driving

How were the safety needs and potential countermeasures for this project first identified?

California established Systemic Safety Analysis Report Program (SSARP) in 2016 and Local Roadway Safety Plan (LRSP) Program in 2019. Was this project identified through the SSARP or LRSP?

Is the project focused primarily on "spot location(s)" or "systemic" improvements?

If it is systemic, the primary type of the "systemic" improvements is:

What is the primary mode of travel intended to be benefited by this project?

Approximate percentage of project cost going to improvements related to **motorized** travel

Section II: Project Schedule

The local agency is expected to deliver the project per [the HSIP Program Delivery requirements](#). Assuming the HSIP Cycle 11 projects selected for funding will be programmed by January 1, 2023, please enter your best estimated dates for the following implementation milestones. Leave blank if not applicable.

Will this project use HSIP funds for Preliminary Engineering (PE) Phase?

Will an external consultant be hired to do the PE work?

Delivery Milestones to be met: PE Authorization by 9/30/2023; CON Authorization by 6/30/2026.

PE Authorization Date:

Environmental Clearance Date:

Right of Way Clearance Date:

Final PS&E Date:

CON Authorization Date:

Construction Contract Award Date:

Construction Completion Date:

Project Close-Out Date:

Section III. Safety Countermeasures, Crash Data and Project Benefit Calculation

The benefit of an HSIP safety project is achieved by reducing potential future crashes due to the application of the safety countermeasures (CMs). In this section, you will need to provide information regarding the historical crash data at the project sites.

Different CMs will reduce crashes of different types during the life of the safety improvements. Depending on the selected CMs for the application, you will be required to fill in one or more crash data tables, for any combination of the five crash types (datasets): "All", "Night", "Ped & Bike", "Emergency Vehicle", and "Animal" (Each of the later four datasets is a sub-dataset of the "All" dataset.)

Note: If a Roundabout CM (S16 or NS04 or NS05) is selected, additional information (such as roundabout configuration and ADT) is required.

For more information regarding crash data, please refer to the Manual for HSIP Analyzer and the Local Roadway Safety Manual.

1. Please indicate the sources of the crash data. Typical sources include Statewide Integrated Traffic Records System (SWITRS), UC Berkeley SafeTREC TIMS, your locally preferred mapping software (such as Crossroads) or any other data sources.

UC Berkeley SafeTREC TIMS

2. Please explain how "incremental approach" has been pursued if CM R15, R16, R17 or R18 is proposed. Please skip this question if none of these CMs are being proposed.

Countermeasure R15 (Widen shoulder), R16 (Curve shoulder widening (outside only)), R17 (Improve horizontal alignment (flatten curves)) and R18 (Flatten crest vertical curve) are not eligible unless they are done as the last step of an "incremental approach".

Applicants need to document they have already installed lower cost and lower impact CMs but the crash rate is unacceptably high. What safety improvements have been pursued and installed at the project sites within the last ten years?

Not Applicable

Step 1: Select safety countermeasuresDoes this application include Signalized Intersections (SI)? Does this application include Non-signalized Intersections (NS)? Does this application include Roadway Segments (R)?

* Normally a BCR application only includes locations of one of the above 3 categories (SI, NS or R). Multiple categories may be selected if the application proposes corridor safety improvements or uses a systemic approach, or the applicant chooses to bundle multiple locations in the same vicinity together.

Signalized Intersections (SI):

Click the check box in the 1st column to select up to 3 countermeasures.

Select	No.	Countermeasure Name
	1	S01: Add intersection lighting (S.I.) (CRF=0.4 for Night crashes; Life=20 yrs; FE=90%)
✓	2	S02: Improve signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number (CRF=0.15 for All crashes; Life=10 yrs; FE=90%)
	3	S03: Improve signal timing (coordination, phases, red, yellow, or operation) (CRF=0.15 for All crashes; Life=10 yrs; FE=50%)
	4	S05: Install emergency vehicle pre-emption systems (CRF=0.7 for Emergency vehicle crashes; Life=10 yrs; FE=90%)
	5	S06: Install left-turn lane and add turn phase (signal has no left-turn lane or phase before) (CRF=0.55 for All crashes; Life=20 yrs; FE=90%)
	6	S07: Provide protected left turn phase (left turn lane already exists) (CRF=0.3 for All crashes; Life=20 yrs; FE=90%)
	7	S08: Convert signal to mast arm (from pedestal-mounted) (CRF=0.3 for All crashes; Life=20 yrs; FE=90%)
	8	S09: Install raised pavement markers and striping (through intersection) (CRF=0.1 for All crashes; Life=10 yrs; FE=90%)
	9	S10: Install flashing beacons as advance warning (S.I.) (CRF=0.3 for All crashes; Life=10 yrs; FE=90%)
	10	S11: Improve pavement friction (High Friction Surface Treatments) (CRF=0.55 for All crashes; Life=10 yrs; FE=90%)
	11	S12: Install raised median on approaches (S.I.) (CRF=0.25 for All crashes; Life=20 yrs; FE=90%)
	12	S13PB: Install pedestrian median fencing on approaches (CRF=0.35 for Ped & Bike crashes; Life=20 yrs; FE=90%)
	13	S14: Create directional median openings to allow (and restrict) left-turns and u-turns (S.I.) (CRF=0.5 for All crashes; Life=20 yrs; FE=90%)
	14	S15: Reduced Left-Turn Conflict Intersections (S.I.) (CRF=0.5 for All crashes; Life=20 yrs; FE=90%)
	15	S16: Convert intersection to roundabout (from signal) (CRF varies for All crashes; Life=20 yrs; FE=90%)
✓	16	S17PB: Install pedestrian countdown signal heads (CRF=0.25 for Ped & Bike crashes; Life=20 yrs; FE=90%)
	17	S18PB: Install pedestrian crossing (S.I.) (CRF=0.25 for Ped & Bike crashes; Life=20 yrs; FE=90%)
	18	S19PB: Pedestrian Scramble (CRF=0.4 for Ped & Bike crashes; Life=20 yrs; FE=90%)
✓	19	S20PB: Install advance stop bar before crosswalk (Bicycle Box) (CRF=0.15 for Ped & Bike crashes; Life=10 yrs; FE=90%)
	20	S21PB: Modify signal phasing to implement a Leading Pedestrian Interval (LPI) (CRF=0.6 for Ped & Bike crashes; Life=10 yrs; FE=90%)

Step 2: Click to generate table for project locations, enter the project locations and select countermeasures for each location. If any of the selections have been changed, you must re-click the below button to refresh.

[Click to Generate Table for Project Locations Entry](#)

CMs have been selected. Ok to proceed.

+/- Line	Location No.	Location Description (Intersection Name or Road Limit or General Description)	Click to select Countermeasures			Error Messages (must resolve)	
			S02	SI7PB	S20PB		
(Signalized Intersections)							
6			S02	SI7PB	S20PB		
	+ -	SI_1	44 Intersections	●	●	●	
	+ -	SI_2	21 Intersections	●		●	
	+ -	SI_3	LAUREL RD & BYPASS HWY	●		●	
	+ -	SI_4	LONE TREE WY & BYPASS HWY	●		●	
	+ -	SI_5	RT4 & CONRA LOMA BL	●		●	
	+ -	SI_6	RT4 & HILLCREST AVE	●		●	

Step 3: Click to generate tables for crash data and provide crash data. If any changes have been made in the previous two steps, you must re-click to refresh.

[Click to Generate Tables for Crash Data Entry](#)

No crash tables have been created since there are unresolved error messages in the last column of the location table. Please correct first.

Crash Data Period: must be between 3 and 5 years.

from (MM/DD/YYYY): To (MM/DD/YYYY): Crash Data Period (years) = 5

Fill out the crash data table(s) for the crash type(s) as required by the selected countermeasure(s) in Step 2.

Based on the countermeasures selected in Step 2, the crash data types to be provided are:

Crash Data Table for Crash Type: <u>ALL</u>								
No.	Location No : Description (from Step 2)	Fatal (ALL)	Severe Injury (ALL)	Other Visible Injury (ALL)	Complaint of Pain (ALL)	PDO (ALL)	Total	ID
1	SI_1: 44 Intersections	4	18	56	158	0	236	
2	SI_2: 21 Intersections	1	10	36	131	0	178	
3	SI_3: LAUREL RD & BYPASS HWY	0	0	2	0	0	2	
4	SI_4: LONE TREE WY & BYPASS HWY	0	1	1	5	0	7	
5	SI_5: RT4 & CONRA LOMA BL	0	0	1	4	0	5	
6	SI_6: RT4 & HILLCREST AVE	0	0	2	7	0	9	
	Total	5	29	98	305	0	437	

Crash Data Table for Crash Type: <u>Pedestrians and Bicyclists Involved (P&B)</u>								
No.	Location No : Description (from Step 2)	Fatal (P&B)	Severe Injury (P&B)	Other Visible Injury (P&B)	Complaint of Pain (P&B)	PDO (P&B)	Total	ID
1	SI_1: 44 Intersections	2	6	14	19	0	41	
2	SI_2: 21 Intersections	1	3	12	17	0	33	
3	SI_3: LAUREL RD & BYPASS HWY	0	0	0	0	0	0	
4	SI_4: LONE TREE WY & BYPASS HWY	0	0	0	3	0	3	
5	SI_5: RT4 & CONRA LOMA BL	0	0	0	1	0	1	
6	SI_6: RT4 & HILLCREST AVE	0	0	0	0	0	0	
	Total	3	9	26	40	0	78	

Step 4: Click to Calculate the project benefit. If any changes have been made in the previous two steps, you must re-click to refresh.

[Click to Perform Benefit Calculation](#)

Benefit Summary:

Benefit by Locations

Location No : Description	[CM1] Benefit	[CM2] Benefit	[CM3] Benefit	Total Benefit
SI_1: 44 Intersections	\$18,789,181	\$16,164,458	\$4,220,165	\$39,173,804
SI_2: 21 Intersections	\$11,196,391	\$0	\$2,706,086	\$13,902,477
SI_3: LAUREL RD & BYPASS HWY	\$95,941	\$0	\$0	\$95,941
SI_4: LONE TREE WY & BYPASS HWY	\$720,421	\$0	\$69,539	\$789,960
SI_5: RT4 & CONRA LOMA BL	\$157,051	\$0	\$23,180	\$180,231
SI_6: RT4 & HILLCREST AVE	\$286,830	\$0	\$0	\$286,830
Sum	\$31,245,815	\$16,164,458	\$7,018,970	\$54,429,243

Benefit by Countermeasures

No.	Countermeasure	Benefit
1	S02: Improve signal hardware: lenses, back-plates with retroreflective borders, mounting, size, and number	\$31,245,815
2	S17PB: Install pedestrian countdown signal heads	\$16,164,458
3	S20PB: Install advance stop bar before crosswalk (Bicycle Box)	\$7,018,970
4	NA	\$0
5	NA	\$0
6	NA	\$0
7	NA	\$0
8	NA	\$0
9	NA	\$0
	TOTAL	\$54,429,243

Section IV. Construction Cost Estimate and Cost Breakdown

The purpose of this section is to:

- o Provide a detailed engineer's estimate for construction items. The costs for other phases i.e. Preliminary Engineering (PE), Right of Way (ROW), and Construction Engineering (CE) will be accounted for in the next section.
- o Determine the project's maximum Funding Reimbursement Ratio (FRR).

IV.1 Detailed Engineer's Estimate for Construction Items:

Cost breakdown:

For each item, enter cost percentages for this project's safety countermeasures (CMs) and "Other Safety (OS)" respectively (e.g. enter 10 for 10%). The percentage for "Non-safety (NS)" is then calculated. If an item is a general one (such as traffic control, mobilization, etc.), check the "General item" box and the cost breakdown is not needed. A general item will NOT be used in determining the project's overall percentages of countermeasures, other safety and non-safety costs.

	No.	Item Description	Unit	Quantity	Unit Cost	Total	General Item? (Click center to check)	% for CMs	% for OS	% for NS
+ -	1	Traffic Control	LS	1	222,860	222,860		100 %	%	0 %
+ -	2	Mobilization	LS	1	111,430	111,430		0 %	100 %	0 %
+ -	3	Remove Existing Backplate	EA	1,113	\$200.00	222,600		100 %	%	0 %
+ -	4	Remove Existing Signal Head	EA	61	\$600.00	36,600		100 %	%	0 %
+ -	5	Remove Existing Signal Head Mount	EA	61	\$300.00	18,300		100 %	%	0 %
+ -	6	Furnish and Install LED 12" x 3 Signal Head with Yellow Retroreflective Border	EA	61	\$1750.00	106,750		100 %	%	0 %
+ -	7	Furnish and Install Signal Head Mount	EA	61	\$500.00	30,500		100 %	%	0 %
+ -	8	Furnish and Install Yellow Retroreflective Border Backplate	EA	1,114	\$300.00	334,200		100 %	%	0 %
+ -	9	Remove Existing Pedestrian Signal Head	EA	276	\$200.00	55,200		100 %	%	0 %
+ -	10	Furnish and Install Countdown Pedestrian Signal Head	EA	276	\$1250.00	345,000		100 %	%	0 %
+ -	11	Remove Existing Traffic Signal Controller	EA	55	\$500.00	27,500		100 %	%	0 %
+ -	12	Furnish and Install Traffic Signal Controller	EA	55	\$6000.00	330,000		100 %	%	0 %
+ -	13	Signal Timing Alteration	LS	70	\$1500.00	105,000		100 %	%	0 %
		Weighted Average (%)						94%	6%	
		Total (\$)				\$1,945,940				

Contingencies, as % of the above "Total" of the construction items:

(e.g. enter 10 for 10%)

Total Construction Cost (Con Items & Contingencies):

(Rounded up to the nearest hundreds)

IV.2 Funding Reimbursement Ratio

Project's Maximum Funding Reimbursement Ratio = 90.0%

The project's Maximum Funding Reimbursement Ratio is calculated from the least of the FEs of the project's countermeasures and reduced if the non-safety cost percentage is in excess of 10%. See the HSIP Analyzer Manual for details. This is the maximum value allowed to be entered in "HSIP/Total(%)" column in Section II (Project Cost Estimate).

Section V. Project Cost Estimate

All project costs, for all phases and by all funding sources, must be accounted for on this form.

- i. "**Total Cost**": Round all costs up to the nearest hundred dollars.
- ii. "**HSIP/Total (%)**": The maximum allowed is the project's Funding Reimbursement Ratio (FRR) as determined in Section I. Click the button to assign the maximum to all, OR enter if not the maximum.
- iii. "**HSIP Funds**" and "**Local/Other Funds**" are calculated.

Pay attention to the interactive warning/error messages below the table. The messages, if any, must be fixed, or exceptions should be justified in narrative question No. 3 in the HSIP Application Form.

Project's maximum Funding Reimbursement Ratio (FRR)
(from Section I, rounded up to integer)

90 %

To set all "HSIP/Total (%)" in the below table
to the above maximum FRR, click "Set":

Set

Description	Total Cost	HSIP/Total (%)	HSIP Funds	Local/Other Funds
Preliminary Engineering (PE) Phase				
Environmental	\$10,000	90 %	\$9,000	\$1,000
PS&E	\$400,000	90 %	\$360,000	\$40,000
Subtotal - PE	\$410,000	90 %	\$369,000	\$41,000
Right of Way (ROW) Phase				
Right of Way Engineering	\$0	90 %	\$0	\$0
Appraisals, Acquisitions & Utilities	\$0	90 %	\$0	\$0
Subtotal - Right of Way (ROW)	\$0	%	\$0	\$0
Construction (CON) Phase				
Construction Engineering (CE)	\$250,000	90 %	\$225,000	\$25,000
Construction Items	\$2,140,600 <small>(Read only - from Section I)</small>	90 %	\$1,926,540	\$214,060
Subtotal - Construction	\$2,390,600	90 %	\$2,151,540	\$239,060
PROJECT TOTAL	\$2,800,600	90 %	\$2,520,540	\$280,060

Agency does NOT request HSIP funds for PE Phase (automatically checked if PE - HSIP funds is \$0).

Interactive Warning/Error Messages:

If there are any messages in the below box, please fix OR explain justification for exceptions in narrative question No 3 in the HSIP application form.

Section VI. Summary

Transfer the "Total Project Cost" , "HSIP Funds Requested" and the BCR to Page 2 of the HSIP Application Form.

Cost, FRR, Benefit and BCR:

Total Project Cost	HSIP Funds Requested	Max. FRR
\$2,800,600	\$2,520,540	90%
Total Expected Benefit	Benefit Cost Ratio (BCR)	
54,429,243	19.43	

#	Intersection	Fatal	Severe	Visible Injury	Complaint of Pain	Total	Signal Present	Funds Allocated	Benefit	Cost	B/C Ratio	S02	S17PB	S20PB
	Multiplier	\$1,787,000	\$1,787,000	\$159,900	\$90,900									
1	A ST & SUNSET DR	0	1	1	2	4	Y	N	\$2,128,700	\$40,000	53.2	•	•	•
2	AUTO CENTER DR & MAHOGANY WY	0	1	0	4	5	Y	N	\$2,150,600	\$40,000	53.8	•	•	•
3	AUTO CENTER DR & W 10TH ST	0	1	1	6	8	Y	N	\$2,492,300	\$40,000	62.3	•	•	•
4	AUTO CENTER DR & W 18TH ST	1	0	0	1	2	Y	N	\$1,877,900	\$40,000	46.9	•	•	•
5	DEER VALLEY RD & BLUEROCK DR	0	0	3	8	11	Y	N	\$1,206,900	\$40,000	30.2	•	•	•
6	DEER VALLEY RD & HILLCREST TERRACE CT	0	0	1	0	1	Y	N	\$159,900	\$40,000	4.0	•	•	•
7	DEER VALLEY RD & ROCKY POINT DR	0	1	1	1	3	Y	N	\$2,037,800	\$40,000	50.9	•	•	•
8	DELTA FAIR BL & BELLE DR	0	0	1	2	3	Y	N	\$341,700	\$40,000	8.5	•	•	•
9	E 18TH ST & CAVALLO RD	0	2	3	11	16	Y	N	\$5,053,600	\$40,000	126.3	•	•	•
10	E 18TH ST & DRIVE IN WY	0	0	2	0	2	Y	N	\$319,800	\$40,000	8.0	•	•	•
11	E 18TH ST & PHILLIPS LN	1	0	0	1	2	Y	N	\$1,877,900	\$40,000	46.9	•	•	•
12	EMPIRE AV & WICKLOW WY	0	0	1	2	3	Y	N	\$341,700	\$40,000	8.5	•	•	•
13	JAMES DONLON BL & CONTRA LOMA BL	0	0	1	3	4	Y	N	\$432,600	\$40,000	10.8	•	•	•
14	JAMES DONLON BL & G ST	0	0	0	3	3	Y	N	\$272,700	\$40,000	6.8	•	•	•
15	KENDREE ST & DELTA FAIR BL	0	0	1	2	3	Y	N	\$341,700	\$40,000	8.5	•	•	•
16	LONE TREE WY & CANADA VALLEY RD	0	1	1	7	9	Y	N	\$2,583,200	\$40,000	64.6	•	•	•
17	LONE TREE WY & HEIDORN RANCH RD	0	0	1	4	5	Y	N	\$523,500	\$40,000	13.1	•	•	•
18	LONE TREE WY & INDIAN HILL DR	0	0	1	6	7	Y	N	\$705,300	\$40,000	17.6	•	•	•
19	LONE TREE WY & JEFFERY WY	0	0	2	4	6	Y	N	\$683,400	\$40,000	17.1	•	•	•
20	LONE TREE WY & RIDGEROCK DR	0	0	3	15	18	Y	N	\$1,843,200	\$40,000	46.1	•	•	•
21	LONE TREE WY & SLATTEN RANCH RD	0	1	1	5	7	Y	N	\$2,401,400	\$40,000	60.0	•	•	•
22	LONE TREE WY & W TREGALLAS RD	0	1	3	1	5	Y	N	\$2,357,600	\$40,000	58.9	•	•	•
23	MOUNT HAMILTON DR & DALLAS RANCH RD	0	0	1	4	5	Y	N	\$523,500	\$40,000	13.1	•	•	•
24	SAN JOSE DR & BUCHANAN RD	0	0	1	1	2	Y	N	\$250,800	\$40,000	6.3	•	•	•
25	SOMERSVILLE RD & JAMES DONLON BL	0	0	1	1	2	Y	N	\$250,800	\$40,000	6.3	•	•	•
26	SUNSET DR & HILLCREST AV	0	0	3	5	8	Y	N	\$934,200	\$40,000	23.4	•	•	•
27	WILBUR AV & MINAKER DR	0	0	1	2	3	Y	N	\$341,700	\$40,000	8.5	•	•	•
28	A ST & W 9TH ST	0	1	0	2	3	Y	Y	\$1,968,800	\$20,000	98.4	•	•	•
29	BLYTHE DR & JAMES DONLON BL	0	1	1	1	3	Y	Y	\$2,037,800	\$20,000	101.9	•	•	•
30	BUCHANAN RD & DELTA FAIR BL	0	0	4	6	10	Y	Y	\$1,185,000	\$20,000	59.3	•	•	•
31	BUCHANAN RD & SOMERSVILLE RD	0	1	1	3	5	Y	Y	\$2,219,600	\$20,000	111.0	•	•	•
32	CARPINTERIA DR & DEER VALLEY RD	0	0	1	2	3	Y	Y	\$341,700	\$20,000	17.1	•	•	•
33	CONTRA LOMA BL & PUTNAM ST	0	0	1	3	4	Y	Y	\$432,600	\$20,000	21.6	•	•	•
34	DEER VALLEY RD & COUNTRY HILLS DR	0	3	2	2	7	Y	Y	\$5,862,600	\$20,000	293.1	•	•	•
35	DEER VALLEY RD & HILLCREST AV	0	0	1	12	13	Y	Y	\$1,250,700	\$20,000	62.5	•	•	•
36	DELTA FAIR BL & SOMERSVILLE RD	0	1	3	11	15	Y	Y	\$3,266,600	\$20,000	163.3	•	•	•
37	E 18TH ST & A ST	0	1	1	9	11	Y	Y	\$2,765,000	\$20,000	138.3	•	•	•
38	E 18TH ST & VIERA AV	1	0	1	0	2	Y	Y	\$1,946,900	\$20,000	97.3	•	•	•
39	E 18TH ST & HILLCREST AV	0	2	1	5	8	Y	Y	\$4,188,400	\$20,000	209.4	•	•	•
40	HILLCREST AV & COUNTRY HILLS DR	0	0	4	4	8	Y	Y	\$1,003,200	\$20,000	50.2	•	•	•
41	HILLCREST AV & EAST TREGALLAS RD	1	0	0	22	23	Y	Y	\$3,786,800	\$20,000	189.3	•	•	•
42	HILLCREST AV & HIDDEN GLEN DR	0	0	1	3	4	Y	Y	\$432,600	\$20,000	21.6	•	•	•
43	HILLCREST AV & STERLING HILL DR	0	0	0	5	5	Y	Y	\$454,500	\$20,000	22.7	•	•	•
44	HILLCREST AV & VIA DORA DR	0	1	3	0	4	Y	Y	\$2,266,700	\$20,000	113.3	•	•	•
45	HILLCREST AV & WILDFLOWER DR	0	0	1	4	5	Y	Y	\$523,500	\$20,000	26.2	•	•	•
46	HILLCREST AV & WILDHORSE DR	0	0	1	5	6	Y	Y	\$614,400	\$20,000	30.7	•	•	•
47	L ST & SYCAMORE DR	0	0	2	4	6	Y	Y	\$683,400	\$20,000	34.2	•	•	•
48	L ST & W 10TH ST	0	1	0	6	7	Y	Y	\$2,332,400	\$20,000	116.6	•	•	•
49	L ST & W 18TH ST	0	0	3	4	7	Y	Y	\$843,300	\$20,000	42.2	•	•	•
50	LONE TREE WY & BLACK DIAMOND DR	0	0	1	5	6	Y	Y	\$614,400	\$20,000	30.7	•	•	•
51	LONE TREE WY & BLUEROCK DR	0	0	1	7	8	Y	Y	\$796,200	\$20,000	39.8	•	•	•
52	LONE TREE WY & DAVISON DR	1	1	2	8	12	Y	Y	\$4,621,000	\$20,000	231.1	•	•	•
53	LONE TREE WY & DEER VALLEY RD	0	1	3	3	7	Y	Y	\$2,539,400	\$20,000	127.0	•	•	•
54	LONE TREE WY & EAGLERIDGE DR	0	0	2	5	7	Y	Y	\$774,300	\$20,000	38.7	•	•	•
55	LONE TREE WY & HILLCREST AV	0	2	3	5	10	Y	Y	\$4,508,200	\$20,000	225.4	•	•	•
56	LONE TREE WY & MOKELUMNE DR	0	0	1	8	9	Y	Y	\$887,100	\$20,000	44.4	•	•	•
57	LONE TREE WY & SAGEBRUSH DR	0	1	0	2	3	Y	Y	\$1,968,800	\$20,000	98.4	•	•	•
58	LONE TREE WY & VISTA GRANDE DR	0	0	4	8	12	Y	Y	\$1,366,800	\$20,000	68.3	•	•	•
59	LONE TREE WY & WORRELL RD	0	0	1	8	9	Y	Y	\$887,100	\$20,000	44.4	•	•	•
60	DEER VALLEY RD & PREWETT RANCH DR	0	0	2	1	3	Y	Y	\$410,700	\$20,000	20.5	•	•	•
61	W 10TH ST & A ST	0	1	1	1	3	Y	Y	\$2,037,800	\$20,000	101.9	•	•	•
62	WILDFLOWER DR & DEER VALLEY RD	0	1	3	8	12	Y	Y	\$2,993,900	\$20,000	149.7	•	•	•
63	LONE TREE WY & EMPIRE AVE	0	0	0	5	5	Y	Y	\$454,500	\$20,000	22.7	•	•	•
64	LONE TREE WY & CLAYBURN ROAD	0	0	1	0	1	Y	Y	\$159,900	\$20,000	8.0	•	•	•
65	GENTRYTOWN DR & JAMES DONLON BLVD	0	0	0	1	1	Y	Y	\$90,900	\$20,000	4.5	•	•	•
66	CONTRA LOMA BL & RT 4	0	0	1	4	5	Y	N	\$523,500	\$40,000	13.1	•	•	•
67	HILLCREST AV & RT 4	0	0	2	7	9	Y	N	\$956,100	\$40,000	23.9	•	•	•
68	LAUREL RD & BYPASS HWY	0	0	2	0	2	Y	N	\$319,800	\$40,000	8.0	•	•	•
69	LONE TREE WY & BYPASS HWY	0	1	1	5	7	Y	N	\$2,401,400	\$40,000	60.0	•	•	•
	TOTAL								\$104,152,700	\$2,000,000	52.1			

#	Intersection	Fatal	Severe	Visible Injury	Complaint of Pain	Total
	PED & BIKE COLLISIONS					
1	A ST & SUNSET DR	0	1	0	0	1
2	AUTO CENTER DR & MAHOGANY WY	0	0	0	1	1
3	AUTO CENTER DR & W 10TH ST					
4	AUTO CENTER DR & W 18TH ST	1	0	0	0	1
5	DEER VALLEY RD & BLUEROCK DR	0	0	1	0	1
6	DEER VALLEY RD & HILLCREST TERRACE CT					
7	DEER VALLEY RD & ROCKY POINT DR					
8	DELTA FAIR BL & BELLE DR	0	0	1	1	2
9	E 18TH ST & CAVALLO RD	0	1	2	1	4
10	E 18TH ST & DRIVE IN WY					
11	E 18TH ST & PHILLIPS LN					
12	EMPIRE AV & WICKLOW WY	0	0	0	1	1
13	JAMES DONLON BL & CONTRA LOMA BL					
14	JAMES DONLON BL & G ST					
15	KENDREE ST & DELTA FAIR BL					
16	LONE TREE WY & CANADA VALLEY RD	0	0	0	1	1
17	LONE TREE WY & HEIDORN RANCH RD	0	0	0	1	1
18	LONE TREE WY & INDIAN HILL DR	0	0	1	2	3
19	LONE TREE WY & JEFFERY WY	0	0	2	1	3
20	LONE TREE WY & RIDGEROCK DR	0	0	0	1	1
21	LONE TREE WY & SLATTEN RANCH RD					
22	LONE TREE WY & W TREGALLAS RD	0	0	2	1	3
23	MOUNT HAMILTON DR & DALLAS RANCH RD					
24	SAN JOSE DR & BUCHANAN RD	0	0	1	0	1
25	SOMERSVILLE RD & JAMES DONLON BL					
26	SUNSET DR & HILLCREST AV	0	0	1	0	1
27	WILBUR AV & MINAKER DR					
28	A ST & W 9TH ST	0	0	0	1	1
29	BLYTHE DR & JAMES DONLON BL					
30	BUCHANAN RD & DELTA FAIR BL	0	0	2	0	2
31	BUCHANAN RD & SOMERSVILLE RD	0	1	0	0	1
32	CARPINTERIA DR & DEER VALLEY RD	0	0	1	0	1
33	CONTRA LOMA BL & PUTNAM ST	0	0	0	3	3
34	DEER VALLEY RD & COUNTRY HILLS DR	0	1	0	0	1
35	DEER VALLEY RD & HILLCREST AV					
36	DELTA					

#	Intersection	Fatal	Severe	Visible Injury	Complaint of Pain	Total
Multiplier						
SI_1	44 Intersections	4	18	56	158	236
SI_2	21 Intersections	1	10	36	131	178
SI_3	LAUREL RD & BYPASS HWY	0	0	2	0	2
SI_4	LONE TREE WY & BYPASS HWY	0	1	1	5	7
SI_5	CONTRA LOMA BL & RT 4	0	0	1	4	5
SI_6	HILLCREST AV & RT 4	0	0	2	7	9
TOTAL		5	29	98	305	437

#	Intersection	Fatal	Severe	Visible Injury	Complaint of Pain	Total
Multiplier						
SI_1	44 Intersections	2	6	14	19	41
SI_2	21 Intersections	1	3	12	17	33
SI_3	LAUREL RD & BYPASS HWY	0	0	0	0	0
SI_4	LONE TREE WY & BYPASS HWY	0	0	0	3	3
SI_5	CONTRA LOMA BL & RT 4	0	0	0	1	1
SI_6	HILLCREST AV & RT 4	0	0	0	0	0
TOTAL		3	9	26	40	78

COLLISION LIST
ANTIOCH CITY
1/1/2014 - 12/31/2018 (TIMS)

CASE_ID	COLLISION DATE	INJURY	PRIMARY ROAD	SECONDARY ROAD	DISTANCE FROM INTERSECTION	PCF VIOLATION	TYPE OF COLLISION	INTERSECTION	BIKE AND PEDESTRIAN COLLISION
8202391	11/30/2016	4	A ST	SUNSET DR	0	12	A	A ST & SUNSET DR	
8655304	5/20/2018	3	A ST	SUNSET DR	0	12	D	A ST & SUNSET DR	
8578264	1/20/2018	2	A ST	ROSSI AV	17	11	G	A ST & SUNSET DR	Y
8338759	3/12/2017	4	SUNSET DR	A ST	0	9	D	A ST & SUNSET DR	
8324042	1/15/2017	4	MAHOGANY WY	AUTO CENTER DR	0	11	G	AUTO CENTER DR & MAHOGANY WY	Y
8381615	5/26/2017	4	AUTO CENTER DR	CENTURY BL	0	0	B	AUTO CENTER DR & MAHOGANY WY	
8582481	1/16/2018	2	AUTO CENTER DR	MAHOGANY WY	20	-	A	AUTO CENTER DR & MAHOGANY WY	
7131295	10/13/2015	4	AUTO CENTER DR	MAHOGANY WY	100	7	B	AUTO CENTER DR & MAHOGANY WY	
8425696	5/26/2017	4	AUTO CENTER DR	CENTURY BL	0	0	B	AUTO CENTER DR & MAHOGANY WY	
6526535	4/13/2014	4	AUTO CENTER DR	W 10TH ST	250	9	D	AUTO CENTER DR & W 10TH ST	
6768055	11/6/2014	4	AUTO CENTER DR	W 10TH ST	0	12	D	AUTO CENTER DR & W 10TH ST	
7188112	12/1/2015	3	AUTO CENTER DR	WEST 10TH ST	0	9	A	AUTO CENTER DR & W 10TH ST	
8058647	3/2/2016	2	AUTO CENTER DR	W 10TH ST	0	18	H	AUTO CENTER DR & W 10TH ST	
6647163	9/5/2014	4	W 10TH ST	AUTO CENTER DR	100	-	C	AUTO CENTER DR & W 10TH ST	
6664020	7/22/2014	4	W 10TH ST	AUTO CENTER DR	0	3	C	AUTO CENTER DR & W 10TH ST	
8356648	5/3/2017	4	W 10TH ST	AUTO CENTER DR	150	9	B	AUTO CENTER DR & W 10TH ST	
8556250	11/19/2017	4	W 10TH ST	AUTO CENTER DR	0	12	D	AUTO CENTER DR & W 10TH ST	
6824265	2/8/2015	4	AUTO CENTER DR	COSTCO WY	0	21	D	AUTO CENTER DR & W 18TH ST	
6854411	1/15/2014	1	AUTO CENTER DR	W 18TH ST	0	12	D	AUTO CENTER DR & W 18TH ST	Y
8376698	5/31/2017	4	CONTRA LOMA BL	RT 4	47	18	C	CONTRA LOMA BL & RT 4	
8531574	11/14/2017	4	CONTRA LOMA BL	RT 4	0	1	B	CONTRA LOMA BL & RT 4	
8193842	8/26/2016	4	CONTRA LOMA BL	RT 4	0	12	D	CONTRA LOMA BL & RT 4	
8759959	9/16/2018	3	CONTRA LOMA BL	RT 4	25	3	A	CONTRA LOMA BL & RT 4	
8735620	9/19/2018	4	CONTRA LOMA BL	RT 4	0	11	D	CONTRA LOMA BL & RT 4	Y
7150645	11/19/2015	4	BLUEROCK DR	DEER VALLEY RD	0	9	A	DEER VALLEY RD & BLUEROCK DR	
8204339	10/15/2016	4	BLUEROCK DR	DEER VALLEY RD	0	3	C	DEER VALLEY RD & BLUEROCK DR	
6689842	9/26/2014	4	DEER VALLEY RD	BLUEROCK DR	45	-	C	DEER VALLEY RD & BLUEROCK DR	
6809456	10/23/2014	4	DEER VALLEY RD	BLUEROCK DR	0	9	D	DEER VALLEY RD & BLUEROCK DR	
6977008	7/4/2014	3	DEER VALLEY RD	BLUEROCK DR	5	3	E	DEER VALLEY RD & BLUEROCK DR	
7015853	7/19/2015	4	DEER VALLEY RD	BLUEROCK DR	0	1	D	DEER VALLEY RD & BLUEROCK DR	
7023667	2/17/2015	4	DEER VALLEY RD	BLUEROCK DR	0	3	C	DEER VALLEY RD & BLUEROCK DR	
7093740	9/23/2015	3	DEER VALLEY RD	BLUEROCK DR	0	11	G	DEER VALLEY RD & BLUEROCK DR	Y
8381692	5/23/2017	4	DEER VALLEY RD	BLUEROCK DR	0	12	D	DEER VALLEY RD & BLUEROCK DR	
8497548	9/1/2017	3	DEER VALLEY RD	BLUEROCK DR	0	1	D	DEER VALLEY RD & BLUEROCK DR	
8531820	11/16/2017	4	DEER VALLEY RD	BLUEROCK DR	150	3	E	DEER VALLEY RD & BLUEROCK DR	
8077727	1/21/2016	3	DEER VALLEY RD	HILLCREST TERRACE C	0	3	C	DEER VALLEY RD & HILLCREST TERRACE CT	
8682748	6/3/2018	3	DEER VALLEY RD	ROCKY POINT DR	0	12	D	DEER VALLEY RD & ROCKY POINT DR	
8602620	2/4/2018	2	ROCKY POINT DR	DEER VALLEY RD	0	3	A	DEER VALLEY RD & ROCKY POINT DR	
8645306	5/3/2018	4	ROCKY POINT DR	DEER VALLEY RD	0	0	D	DEER VALLEY RD & ROCKY POINT DR	
6398599	1/15/2014	4	DELTA FAIR BL	BELLE DR	250	3	C	DELTA FAIR BL & BELLE DR	
7041126	1/19/2015	3	DELTA FAIR BL	BELLE DR	0	5	D	DELTA FAIR BL & BELLE DR	Y
8091474	2/17/2016	4	DELTA FAIR BL	BELLE DR	0	8	G	DELTA FAIR BL & BELLE DR	Y

8566327	2/8/2018	3	E 18TH ST	DRIVE IN WY	0	9	A	E 18TH ST & DRIVE IN WY	
7026111	8/4/2015	3	E 18TH ST	DRIVE IN WY	0	9	D	E 18TH ST & DRIVE IN WY	
6584565	1/21/2014	4	E 18TH ST	PHILLIPS LN	0	9	D	EAST 18TH ST & PHILLIPS LN	
7006256	12/5/2014	1	E 18TH ST	PHILLIPS LN	235	9	C	EAST 18TH ST & PHILLIPS LN	
8489177	9/6/2017	4	EMPIRE AV	WICKLOW WY	100	0	B	EMPIRE AV & WICKLOW WY	Y
8658458	6/23/2018	3	EMPIRE AV	WICKLOW WY	2	3	C	EMPIRE AV & WICKLOW WY	
90133281	3/3/2016	4	EMPIRE AVE	WICKLOW WAY	150	22	C	EMPIRE AV & WICKLOW WY	
7003387	5/1/2015	4	HILLCREST AV	RT 4	0	12	D	HILLCREST AV & RT 4	
6859460	12/28/2014	4	HILLCREST AV	RT 4	54	1	A	HILLCREST AV & RT 4	
7145439	9/23/2015	3	HILLCREST AV	RT 4	0	12	A	HILLCREST AV & RT 4	
8123886	7/23/2016	4	HILLCREST AV	RT 4	0	12	D	HILLCREST AV & RT 4	
8158310	10/19/2016	3	HILLCREST AV	RT 4	0	12	D	HILLCREST AV & RT 4	
8189958	11/9/2016	4	HILLCREST AV	RT 4	0	12	D	HILLCREST AV & RT 4	
8543148	10/27/2017	4	HILLCREST AV	RT 4	0	12	D	HILLCREST AV & RT 4	
7003383	5/18/2015	4	HILLCREST AV	RT 4	0	12	D	HILLCREST AV & RT 4	
8387203	4/26/2017	4	HILLCREST AV	RT 4	0	17	D	HILLCREST AV & RT 4	
7030887	6/19/2015	4	JAMES DONLON BL	CONTRA LOMA BL	0	3	C	JAMES DONLON BL & CONTRA LOMA BL	
8049076	5/3/2016	4	JAMES DONLON BL	CONTRA LOMA BL	0	9	D	JAMES DONLON BL & CONTRA LOMA BL	
8458312	8/30/2017	3	JAMES DONLON BL	CONTRA LOMA BL	0	12	D	JAMES DONLON BL & CONTRA LOMA BL	
8318934	1/23/2017	4	JAMES DONLON BL	CONTRA LOMA BL	0	8	B	JAMES DONLON BL & CONTRA LOMA BL	
8400145	6/28/2017	4	G ST	JAMES DONLON BL	0	8	B	JAMES DONLON BL & G ST	
6931020	1/14/2015	4	JAMES DONLON BL	G ST	0	12	D	JAMES DONLON BL & G ST	
7009870	11/20/2014	4	JAMES DONLON BL	G ST	105	-	E	JAMES DONLON BL & G ST	
8462659	9/3/2017	4	KENDREE ST	DELTA FAIR BL	75	8	C	KENDREE ST & DELTA FAIR BL	
8731869	6/28/2018	3	KENDREE ST	DELTA FAIR BL	35	3	E	KENDREE ST & DELTA FAIR BL	
6398789	1/15/2014	4	DELTA FAIR BL	KENDREE ST	0	-	B	KENDREE ST & DELTA FAIR BL	
8407241	6/10/2017	3	LAUREL RD	BYPASS HWY	0	12	D	LAUREL RD & BYPASS HWY	
8759529	8/22/2018	3	LAUREL RD	BYPASS HWY	0	12	D	LAUREL RD & BYPASS HWY	
8297848	12/2/2016	4	LONE TREE WY	BYPASS HWY	0	3	C	LONE TREE WY & BYPASS HWY	
7010906	6/2/2015	2	LONE TREE WY	BYPASS HWY	0	12	A	LONE TREE WY & BYPASS HWY	
8003470	12/26/2015	3	LONE TREE WY	BYPASS HWY	0	17	A	LONE TREE WY & BYPASS HWY	
8302558	1/31/2017	4	LONE TREE WY	BYPASS HWY	0	10	G	LONE TREE WY & BYPASS HWY	Y
8759378	11/5/2018	4	LONE TREE WY	BYPASS HWY	0	8	G	LONE TREE WY & BYPASS HWY	Y
6528317	4/9/2014	4	LONE TREE WY	BYPASS HWY	140	0	C	LONE TREE WY & BYPASS HWY	
8091091	4/23/2016	4	LONE TREE WY	BYPASS HWY	0	5	G	LONE TREE WY & BYPASS HWY	Y
6827494	11/15/2014	4	LONE TREE WY	CANADA VALLEY RD	6	3	C	LONE TREE WY & CANADA VALLEY RD	
6939887	5/11/2015	4	LONE TREE WY	CANADA VALLEY RD	0	12	D	LONE TREE WY & CANADA VALLEY RD	
7008322	5/31/2015	2	LONE TREE WY	CANADA VALLEY RD	0	12	A	LONE TREE WY & CANADA VALLEY RD	
8517417	11/21/2017	3	LONE TREE WY	CANADA VALLEY RD	0	9	C	LONE TREE WY & CANADA VALLEY RD	
8510971	11/5/2017	4	LONE TREE WY	CANADA VALLEY RD	0	12	A	LONE TREE WY & CANADA VALLEY RD	
8702662	8/20/2018	4	LONE TREE WY	CANADA VALLEY RD	0	3	C	LONE TREE WY & CANADA VALLEY RD	
8719212	9/4/2018	4	LONE TREE WY	CANADA VALLEY RD	0	8	D	LONE TREE WY & CANADA VALLEY RD	
8033040	2/24/2016	4	LONE TREE WY	CANADA VALLEY RD	0	12	A	LONE TREE WY & CANADA VALLEY RD	
6510468	4/9/2014	4	CANADA VALLEY RD	LONE TREE WY	120	11	G	LONE TREE WY & CANADA VALLEY RD	Y
6774153	9/23/2014	4	LONE TREE WY	HEIDORN RANCH RD	0	-	C	LONE TREE WY & HEIDORN RANCH RD	
7157347	9/3/2015	3	LONE TREE WY	HEIDORN RANCH RD	207	1	E	LONE TREE WY & HEIDORN RANCH RD	
7047378	6/29/2015	4	LONE TREE WY	HEIDORN RANCH RD	45	3	C	LONE TREE WY & HEIDORN RANCH RD	

8467321	8/25/2017	4	LONE TREE WY	FAIRSIDE WY	0	12	D	LONE TREE WY & HEIDORN RANCH RD	
6445764	2/14/2014	4	LONE TREE WY	FAIRSIDE WY	0	9	A	LONE TREE WY & HEIDORN RANCH RD	Y
8358979	3/12/2017	4	INDIAN HILL DR	LONE TREE WY	0	17	D	LONE TREE WY & INDIAN HILL DR	
6357107	1/8/2014	4	LONE TREE WY	WILLIAMSON RANCH	9	11	G	LONE TREE WY & INDIAN HILL DR	Y
6548430	3/22/2014	4	LONE TREE WY	INDIAN HILL DR	0	12	A	LONE TREE WY & INDIAN HILL DR	
8303470	1/6/2017	4	LONE TREE WY	INDIAN HILL DR	240	8	A	LONE TREE WY & INDIAN HILL DR	
8409166	5/14/2017	3	LONE TREE WY	INDIAN HILL DR	0	0	G	LONE TREE WY & INDIAN HILL DR	Y
8480575	9/3/2017	4	LONE TREE WY	INDIAN HILLS DR	0	3	C	LONE TREE WY & INDIAN HILL DR	
8583461	10/3/2017	4	LONE TREE WY	INDIAN HILL DR	0	12	G	LONE TREE WY & INDIAN HILL DR	Y
6579004	6/3/2014	3	LONE TREE WY	JEFFERY WY	241	11	G	LONE TREE WY & JEFFERY WY	Y
8093523	7/5/2016	4	LONE TREE WY	JEFFERY WY	0	10	G	LONE TREE WY & JEFFERY WY	Y
8591201	2/10/2018	3	LONE TREE WY	JEFFERY WY	0	10	G	LONE TREE WY & JEFFERY WY	Y
8784661	12/13/2018	4	LONE TREE WY	JEFFERY WY	92	3	C	LONE TREE WY & JEFFERY WY	
6913092	1/8/2015	4	LONE TREE WY	JEFFERY WY	0	12	D	LONE TREE WY & JEFFERY WY	
8395951	4/14/2017	4	LONE TREE WY	JEFFERY WY	0	-	D	LONE TREE WY & JEFFERY WY	
6520102	3/30/2014	4	LONE TREE WY	RIDGEROCK DR	0	-	C	LONE TREE WY & RIDGEROCK DR	
7034105	4/15/2015	3	LONE TREE WY	RIDGEROCK DR	45	18	C	LONE TREE WY & RIDGEROCK DR	
8032163	3/1/2016	3	LONE TREE WY	RIDGEROCK DR	0	12	D	LONE TREE WY & RIDGEROCK DR	
8052517	1/26/2016	4	LONE TREE WY	JAMES DONLON BL	0	12	D	LONE TREE WY & RIDGEROCK DR	
8093810	6/29/2016	4	LONE TREE WY	JAMES DONLON BL	0	12	D	LONE TREE WY & RIDGEROCK DR	
6409066	3/6/2014	4	LONE TREE WY	JAMES DONLON BL	0	9	D	LONE TREE WY & RIDGEROCK DR	
7041150	1/16/2015	4	LONE TREE WY	JAMES DONLON BL	0	17	D	LONE TREE WY & RIDGEROCK DR	Y
8540535	12/22/2017	4	LONE TREE WY	JAMES DONLON BL	2	12	C	LONE TREE WY & RIDGEROCK DR	
6811937	1/7/2015	4	LONE TREE WY	JAMES DONLON BL	0	12	D	LONE TREE WY & RIDGEROCK DR	
8677930	7/10/2018	4	LONE TREE WY	JAMES DONLON BL	130	3	C	LONE TREE WY & RIDGEROCK DR	
8005945	2/17/2016	4	LONE TREE WY	JAMES DONLON BL	20	8	D	LONE TREE WY & RIDGEROCK DR	
8125456	9/17/2016	4	LONE TREE WY	JAMES DONLON BL	0	12	D	LONE TREE WY & RIDGEROCK DR	
8358663	3/24/2017	4	LONE TREE WY	JAMES DONLON BL	0	3	E	LONE TREE WY & RIDGEROCK DR	
8486842	10/12/2017	4	LONE TREE WY	JAMES DONLON BL	0	12	D	LONE TREE WY & RIDGEROCK DR	
8801531	12/22/2018	4	JAMES DONLON BL	LONE TREE WY	0	12	D	LONE TREE WY & RIDGEROCK DR	
8452380	7/21/2017	4	RIDGEROCK DR	LONE TREE WY	0	12	D	LONE TREE WY & RIDGEROCK DR	
8033949	3/27/2016	3	RIDGEROCK DR	LONE TREE WY	0	12	D	LONE TREE WY & RIDGEROCK DR	
8754553	9/28/2018	4	RIDGEROCK DR	LONE TREE WY	0	12	D	LONE TREE WY & RIDGEROCK DR	
7053148	8/18/2015	4	LONE TREE WY	SLATTEN RANCH RD	0	9	D	LONE TREE WY & SLATTEN RANCH RD	
8530435	12/9/2017	2	LONE TREE WY	SLATTEN RANCH RD	0	1	E	LONE TREE WY & SLATTEN RANCH RD	
8414303	7/15/2017	4	LONE TREE WY	SLATTEN RANCH RD	52	3	C	LONE TREE WY & SLATTEN RANCH RD	
6876701	12/20/2014	4	SLATTEN RANCH RD	LONE TREE WY	40	21	C	LONE TREE WY & SLATTEN RANCH RD	
7164481	12/30/2015	4	SLATTEN RANCH RD	LONE TREE WY	0	6	B	LONE TREE WY & SLATTEN RANCH RD	
6403153	2/6/2014	4	LONE TREE WY	SHADY WILLOW LN	0	9	D	LONE TREE WY & SLATTEN RANCH RD	
6828153	10/31/2014	3	LONE TREE WY	SHADY WILLOW LN	0	12	D	LONE TREE WY & SLATTEN RANCH RD	
7144576	10/2/2015	3	LONE TREE WY	W TREGALLAS RD	0	11	A	LONE TREE WY & W TREGALLAS RD	Y
7196220	10/31/2015	4	W TREGALLAS RD	LONE TREE WY	50	8	G	LONE TREE WY & W TREGALLAS RD	Y
8065494	11/14/2015	3	W TREGALLAS RD	LONE TREE WY	0	1	A	LONE TREE WY & W TREGALLAS RD	
8392136	2/26/2017	3	LONE TREE WY	W TREGALLAS RD	0	11	G	LONE TREE WY & W TREGALLAS RD	Y
8531665	12/3/2017	2	LONE TREE WY	W TREGALLAS RD	0	1	D	LONE TREE WY & W TREGALLAS RD	
6506330	4/2/2014	4	DALLAS RANCH RD	MOUNT HAMILTON DR	200	1	E	MOUNT HAMILTON DR & DALLAS RANCH RD	
8015758	2/8/2016	3	MOUNT HAMILTON	DALLAS RANCH RD	0	12	D	MOUNT HAMILTON DR & DALLAS RANCH RD	

8363958	4/20/2017	4	DALLAS RANCH RD	MOUNT HAMILTON DR	0	12	D	MOUNT HAMILTON DR & DALLAS RANCH RD	
8743346	8/29/2018	4	DALLAS RANCH RD	MOUNT HAMILTON DR	0	12	D	MOUNT HAMILTON DR & DALLAS RANCH RD	
8764682	4/14/2018	4	DALLAS RANCH RD	MOUNT HAMILTON DR	0	12	D	MOUNT HAMILTON DR & DALLAS RANCH RD	
7005839	4/27/2015	4	BUCHANAN RD	SAN JOSE DR	0	8	B	SAN JOSE DR & BUCHANAN RD	
7041184	3/25/2015	3	SAN JOSE DR	BUCHANAN RD	15	11	G	SAN JOSE DR & BUCHANAN RD	Y
8193324	9/4/2016	3	SOMERSVILLE RD	JAMES DONLON BL	0	3	E	SOMERSVILLE RD & JAMES DONLON BL	
8860655	11/27/2018	4	SOMERSVILLE RD	JAMES DONLON BL	30	8	B	SOMERSVILLE RD & JAMES DONLON BL	
6542384	5/19/2014	4	HILLCREST AV	SUNSET DR	0	12	A	SUNSET DR & HILLCREST AV	
6812544	12/22/2014	3	HILLCREST AV	SUNSET DR	0	12	D	SUNSET DR & HILLCREST AV	
7041167	2/13/2015	4	HILLCREST AV	SUNSET DR	0	12	D	SUNSET DR & HILLCREST AV	
7205083	12/8/2015	4	HILLCREST AV	SUNSET DR	40	3	C	SUNSET DR & HILLCREST AV	
8281879	11/30/2016	3	HILLCREST AV	SUNSET DR	150	1	A	SUNSET DR & HILLCREST AV	
8624683	5/27/2018	4	SLATTEN RANCH RD	HILLCREST AV	0	5	A	SUNSET DR & HILLCREST AV	
8751708	7/19/2018	3	SUNSET DR	HILLCREST AV	0	11	B	SUNSET DR & HILLCREST AV	Y
8771799	10/17/2018	4	SLATTEN RANCH RD	HILLCREST AV	200	3	C	SUNSET DR & HILLCREST AV	
6592279	7/7/2014	3	WILBUR AV	MINAKER DR	0	-	C	WILBUR AV & MINAKER DR	
8459355	9/9/2017	4	WILBUR AV	MINAKER DR	0	12	D	WILBUR AV & MINAKER DR	
8696664	8/8/2018	4	WILBUR AV	MINAKER DR	0	12	D	WILBUR AV & MINAKER DR	
8050695	3/25/2016	2	A ST	W 9TH ST	0	17	D	A ST & W 9TH ST	
8056057	1/23/2016	4	9TH ST	A ST	5	3	D	A ST & W 9TH ST	
8860669	12/13/2018	4	W 9TH ST	A ST	40	11	G	A ST & W 9TH ST	Y
6859096	11/30/2014	2	JAMES DONLON BL	BLYTHE DR	227	3	D	BLYTHE DR & JAMES DONLON BL	
8066792	5/16/2016	3	BLYTHE DR	JAMES DONLON BL	0	3	C	BLYTHE DR & JAMES DONLON BL	
8163880	10/14/2016	4	JAMES DONLON BL	BLYTHE DR	50	1	E	BLYTHE DR & JAMES DONLON BL	
6579008	6/19/2014	4	GENTRYTOWN DR	BUCHANAN RD	0	8	B	BUCHANAN RD & DELTA FAIR BL	
6638745	7/7/2014	4	DELTA FAIR BL	BUCHANAN RD	150	8	D	BUCHANAN RD & DELTA FAIR BL	
6710241	10/15/2014	4	BUCHANAN RD	DELTA FAIR BL	0	12	D	BUCHANAN RD & DELTA FAIR BL	
6883261	9/3/2014	4	GENTRYTOWN DR	BUCHANAN RD	10	4	C	BUCHANAN RD & DELTA FAIR BL	
7041229	3/12/2015	3	BUCHANAN RD	DELTA FAIR BL	30	3	E	BUCHANAN RD & DELTA FAIR BL	
8091422	7/12/2016	4	BUCHANAN RD	GENTRYTOWN DR	20	7	B	BUCHANAN RD & DELTA FAIR BL	
8329866	3/8/2017	3	BUCHANAN RD	GENTRYTOWN DR	0	12	D	BUCHANAN RD & DELTA FAIR BL	Y
8502687	10/22/2017	3	BUCHANAN RD	GENTRYTOWN DR	0	9	G	BUCHANAN RD & DELTA FAIR BL	Y
8771864	12/10/2018	3	BUCHANAN RD	DELTA FAIR BL	0	12	D	BUCHANAN RD & DELTA FAIR BL	
8860676	9/18/2018	4	BUCHANAN RD	DELTA FAIR BL	0	3	E	BUCHANAN RD & DELTA FAIR BL	
8086333	5/19/2016	4	BUCHANAN RD	SOMERSVILLE RD	60	3	C	BUCHANAN RD & SOMERSVILLE RD	
8091459	3/13/2016	4	SOMERSVILLE RD	BUCHANAN RD	30	3	A	BUCHANAN RD & SOMERSVILLE RD	
8196306	10/3/2016	3	BUCHANAN RD	SOMERSVILLE RD	15	3	A	BUCHANAN RD & SOMERSVILLE RD	
8307463	2/14/2017	4	SOMERSVILLE RD	BUCHANAN RD	0	3	C	BUCHANAN RD & SOMERSVILLE RD	
8349721	4/3/2017	2	BUCHANAN RD	SOMERSVILLE RD	10	0	G	BUCHANAN RD & SOMERSVILLE RD	Y
8349725	4/1/2017	4	DEER VALLEY RD	CARPINTERIA DR	0	1	F	CARPINTERIA DR & DEER VALLEY RD	
8365124	3/29/2017	4	CARPINTERIA DR	DEER VALLEY RD	0	3	C	CARPINTERIA DR & DEER VALLEY RD	
8720201	4/24/2018	3	CARPINTERIA DR	DEER VALLEY RD	30	6	C	CARPINTERIA DR & DEER VALLEY RD	Y
8438341	6/15/2017	4	18TH ST	CAVALLO RD	0	0	G	E 18TH ST & CAVALLO RD	Y
8537117	11/25/2017	4	18TH ST	CAVALLO RD	18	0	C	E 18TH ST & CAVALLO RD	
6971750	4/1/2015	2	CAVALLO RD	E 18TH ST	53	12	B	E 18TH ST & CAVALLO RD	Y
8547263	1/25/2018	4	CAVALLO RD	E 18TH ST	0	12	D	E 18TH ST & CAVALLO RD	
8663498	6/27/2018	4	CAVALLO RD	E 18TH ST	0	9	D	E 18TH ST & CAVALLO RD	

8843122	11/18/2018	2	CAVALLO RD	E 18TH ST	48	3	H	E 18TH ST & CAVALLO RD	
6351900	12/18/2015	4	E 18TH ST	CAVALLO RD	200	8	B	E 18TH ST & CAVALLO RD	
6425085	2/4/2014	3	E 18TH ST	CAVALLO RD	0	12	B	E 18TH ST & CAVALLO RD	
6660240	7/28/2014	4	E 18TH ST	CAVALLO RD	21	3	C	E 18TH ST & CAVALLO RD	
6789892	10/4/2014	3	E 18TH ST	CAVALLO RD	6	-	G	E 18TH ST & CAVALLO RD	Y
6844453	9/22/2014	4	E 18TH ST	CAVALLO RD	0	12	D	E 18TH ST & CAVALLO RD	
6917983	4/26/2015	4	E 18TH ST	CAVALLO RD	0	12	A	E 18TH ST & CAVALLO RD	
8050705	3/21/2016	3	E 18TH ST	CAVALLO RD	42	11	G	E 18TH ST & CAVALLO RD	Y
8497435	11/21/2017	4	E 18TH ST	CAVALLO RD	0	9	A	E 18TH ST & CAVALLO RD	
8544795	11/25/2017	4	E 18TH ST	CAVALLO RD	0	12	D	E 18TH ST & CAVALLO RD	
8646722	4/29/2018	4	E 18TH ST	CAVALLO RD	0	7	E	E 18TH ST & CAVALLO RD	
6847092	2/6/2015	3	CONTRA LOMA BL	PUTNAM ST	0	1	E	CONTRA LOMA BL & PUTNAM ST	
6478177	3/14/2014	4	PUTNAM ST	CONTRA LOMA BL	0	12	D	CONTRA LOMA BL & PUTNAM ST	Y
8176858	9/22/2016	4	PUTNAM ST	CONTRA LOMA BL	0	11	D	CONTRA LOMA BL & PUTNAM ST	Y
8323455	2/17/2017	4	PUTNAM ST	CONTRA LOMA BL	120	11	B	CONTRA LOMA BL & PUTNAM ST	Y
6795455	8/20/2014	2	COUNTRY HILLS DR	DEER VALLEY RD	0	11	G	DEER VALLEY RD & COUNTRY HILLS DR	Y
8282081	11/24/2016	2	COUNTRY HILLS DR	DEER VALLEY RD	0	12	D	DEER VALLEY RD & COUNTRY HILLS DR	
8598405	3/1/2018	4	COUNTRY HILLS DR	DEER VALLEY RD	0	-	D	DEER VALLEY RD & COUNTRY HILLS DR	
6420549	2/5/2014	3	DEER VALLEY RD	COUNTRY HILLS DR	0	12	D	DEER VALLEY RD & COUNTRY HILLS DR	
7047074	8/3/2015	2	DEER VALLEY RD	COUNTRY HILLS DR	0	12	D	DEER VALLEY RD & COUNTRY HILLS DR	
8582485	1/16/2018	4	DEER VALLEY RD	COUNTRY HILLS DR	0	12	D	DEER VALLEY RD & COUNTRY HILLS DR	
8633157	5/11/2018	3	DEER VALLEY RD	COUNTRY HILLS DR	0	12	D	DEER VALLEY RD & COUNTRY HILLS DR	
8184174	11/14/2016	4	DAVISON DR	DEER VALLEY RD	69	3	C	DEER VALLEY RD & HILLCREST AV	
6445792	2/3/2014	4	DEER VALLEY RD	HILLCREST AV	75	-	C	DEER VALLEY RD & HILLCREST AV	
6660029	8/27/2014	3	DEER VALLEY RD	HILLCREST AV	90	3	C	DEER VALLEY RD & HILLCREST AV	
8429832	7/17/2017	4	DEER VALLEY RD	DAVISON DR	0	21	C	DEER VALLEY RD & HILLCREST AV	
8496182	10/13/2017	4	DEER VALLEY RD	DAVISON DR	0	1	B	DEER VALLEY RD & HILLCREST AV	
8773906	11/11/2018	4	DEER VALLEY RD	DAVISON DR	0	8	E	DEER VALLEY RD & HILLCREST AV	
8846099	11/30/2018	4	DEER VALLEY RD	DAVISON DR	100	3	C	DEER VALLEY RD & HILLCREST AV	
7144564	11/7/2015	4	HILLCREST AV	DAVISON DR	10	3	C	DEER VALLEY RD & HILLCREST AV	
8058395	4/3/2016	4	HILLCREST AV	DAVISON DR	0	12	A	DEER VALLEY RD & HILLCREST AV	
8084322	5/24/2016	4	HILLCREST AV	DEER VALLEY RD	0	12	D	DEER VALLEY RD & HILLCREST AV	
8373363	5/4/2017	4	HILLCREST AV	DAVISON DR	0	12	D	DEER VALLEY RD & HILLCREST AV	
8468451	10/1/2017	4	HILLCREST AV	DEER VALLEY RD	0	3	E	DEER VALLEY RD & HILLCREST AV	
8768940	10/30/2018	4	HILLCREST AV	DAVISON DR	25	8	B	DEER VALLEY RD & HILLCREST AV	
6398216	2/1/2014	2	DELTA FAIR BL	SOMERSVILLE RD	198	8	D	DELTA FAIR BL & SOMERSVILLE RD	
6813203	11/19/2014	4	DELTA FAIR BL	SOMERSVILLE RD	25	3	C	DELTA FAIR BL & SOMERSVILLE RD	
7066378	4/13/2015	4	DELTA FAIR BL	SOMERSVILLE RD	225	10	G	DELTA FAIR BL & SOMERSVILLE RD	Y
8531802	10/23/2017	3	DELTA FAIR BL	SOMERSVILLE RD	100	11	G	DELTA FAIR BL & SOMERSVILLE RD	Y
8843163	12/7/2018	4	DELTA FAIR BL	SOMERSVILLE RD	48	3	C	DELTA FAIR BL & SOMERSVILLE RD	
8351856	3/20/2017	4	SOMERSVILLE RD	DELTA FAIR BL	0	9	D	DELTA FAIR BL & SOMERSVILLE RD	
6438268	2/15/2014	4	SOMERSVILLE RD	DELTA FAIR BL	20	0	B	DELTA FAIR BL & SOMERSVILLE RD	
6520106	3/24/2014	4	SOMERSVILLE RD	DELTA FAIR BL	70	-	C	DELTA FAIR BL & SOMERSVILLE RD	
6774138	9/12/2014	3	SOMERSVILLE RD	DELTA FAIR BL	125	9	D	DELTA FAIR BL & SOMERSVILLE RD	
8031735	11/2/2015	4	SOMERSVILLE RD	DELTA FAIR BL	55	11	G	DELTA FAIR BL & SOMERSVILLE RD	Y
8053547	4/14/2016	3	SOMERSVILLE RD	DELTA FAIR BL	110	3	C	DELTA FAIR BL & SOMERSVILLE RD	
8110371	8/5/2016	4	SOMERSVILLE RD	DELTA FAIR BL	50	9	D	DELTA FAIR BL & SOMERSVILLE RD	

8358826	1/5/2017	4	SOMERSVILLE RD	DELTA FAIR BL	0	3	C	DELTA FAIR BL & SOMERSVILLE RD	
8361011	4/2/2017	4	SOMERSVILLE RD	DELTA FAIR BL	0	11	G	DELTA FAIR BL & SOMERSVILLE RD	Y
8459253	7/15/2017	4	SOMERSVILLE RD	DELTA FAIR BL	240	1	E	DELTA FAIR BL & SOMERSVILLE RD	
7066173	4/15/2015	3	A ST	E 18TH ST	120	9	D	E 18TH ST & A ST	
8031624	2/21/2016	4	A ST	W 18TH ST	112	8	D	E 18TH ST & A ST	
8057031	3/19/2016	4	A ST	E 18TH ST	211	3	C	E 18TH ST & A ST	
8165265	10/3/2016	4	A ST	E 18TH ST	12	9	D	E 18TH ST & A ST	
8663470	6/23/2018	4	A ST	E 18TH ST	0	12	D	E 18TH ST & A ST	Y
6347248	3/7/2016	4	E 18TH ST	A ST	15	3	C	E 18TH ST & A ST	
7110982	8/10/2015	4	E 18TH ST	A ST	0	9	D	E 18TH ST & A ST	
7138631	8/10/2015	4	E 18TH ST	A ST	100	5	E	E 18TH ST & A ST	Y
8610997	4/12/2018	2	E 18TH ST	A ST	129	0	G	E 18TH ST & A ST	Y
8625746	2/9/2018	4	E 18TH ST	A ST	0	9	D	E 18TH ST & A ST	
8759963	9/1/2018	4	W 18TH ST	A ST	25	9	D	E 18TH ST & A ST	
7199748	12/14/2015	1	E 18TH ST	VIERA AV	246	9	D	E 18TH ST & VIERA AV	
8655645	6/6/2018	3	E 18TH ST	VIERA AV	85	1	C	E 18TH ST & VIERA AV	
8785781	10/6/2018	4	E 18TH ST	HILLCREST AV	150	3	D	EAST 18TH ST & HILLCREST AV	
8549099	1/21/2018	2	EAST 18TH ST	HILLCREST AV	200	1	E	EAST 18TH ST & HILLCREST AV	
7157358	9/26/2015	4	HILLCREST AV	E 18TH ST	0	12	D	EAST 18TH ST & HILLCREST AV	
8096830	6/10/2016	4	HILLCREST AV	E 18TH ST	0	12	A	EAST 18TH ST & HILLCREST AV	
8379261	4/26/2017	4	HILLCREST AV	E 18TH ST	0	12	D	EAST 18TH ST & HILLCREST AV	
8414291	7/11/2017	3	HILLCREST AV	EAST 18TH ST	0	12	D	EAST 18TH ST & HILLCREST AV	
8467371	9/5/2017	2	HILLCREST AV	E 18TH ST	50	3	E	EAST 18TH ST & HILLCREST AV	
8663506	6/13/2018	4	HILLCREST AV	E 18TH ST	0	12	D	EAST 18TH ST & HILLCREST AV	
6998420	2/24/2015	4	COUNTRY HILLS DR	HILLCREST AV	51	1	D	HILLCREST AV & COUNTRY HILLS DR	
7209429	3/6/2016	3	COUNTRY HILLS DR	HILLCREST AV	0	12	D	HILLCREST AV & COUNTRY HILLS DR	
6396315	1/3/2014	4	HILLCREST AV	COUNTRY HILLS DR	0	-	C	HILLCREST AV & COUNTRY HILLS DR	
6988736	4/24/2015	3	HILLCREST AV	COUNTRY HILLS DR	200	18	B	HILLCREST AV & COUNTRY HILLS DR	Y
7119917	9/2/2015	4	HILLCREST AV	COUNTRY HILLS DR	15	5	D	HILLCREST AV & COUNTRY HILLS DR	Y
8081319	7/2/2016	3	HILLCREST AV	COUNTRY HILLS DR	240	5	G	HILLCREST AV & COUNTRY HILLS DR	Y
8121683	8/4/2016	3	HILLCREST AV	COUNTRY HILLS DR	0	12	D	HILLCREST AV & COUNTRY HILLS DR	
8719919	9/20/2018	4	HILLCREST AV	COUNTRY HILLS DR	0	12	D	HILLCREST AV & COUNTRY HILLS DR	
6475628	3/11/2014	4	EAST TREGALLAS RD	HILLCREST AV	0	3	C	HILLCREST AV & EAST TREGALLAS RD	
7195620	1/26/2016	4	EAST TREGALLAS RD	HILLCREST AV	0	12	D	HILLCREST AV & EAST TREGALLAS RD	
6535438	5/15/2014	4	HILLCREST AV	LARKSPUR DR	25	1	C	HILLCREST AV & EAST TREGALLAS RD	
6736438	10/4/2014	4	HILLCREST AV	LARKSPUR DR	80	3	C	HILLCREST AV & EAST TREGALLAS RD	
6854404	10/21/2014	1	HILLCREST AV	EAST TREGALLAS RD	171	-	D	HILLCREST AV & EAST TREGALLAS RD	Y
6910827	4/21/2015	4	HILLCREST AV	LARKSPUR DR	12	1	A	HILLCREST AV & EAST TREGALLAS RD	
6913389	1/21/2015	4	HILLCREST AV	LARKSPUR DR	33	3	C	HILLCREST AV & EAST TREGALLAS RD	
6940907	5/18/2015	4	HILLCREST AV	LARKSPUR DR	0	12	A	HILLCREST AV & EAST TREGALLAS RD	
7041225	3/3/2015	4	HILLCREST AV	EAST TREGALLAS RD	0	5	B	HILLCREST AV & EAST TREGALLAS RD	Y
7138568	7/14/2015	4	HILLCREST AV	LARKSPUR DR	0	12	D	HILLCREST AV & EAST TREGALLAS RD	
8087478	5/14/2016	4	HILLCREST AV	LARKSPUR DR	0	12	D	HILLCREST AV & EAST TREGALLAS RD	
8103283	8/3/2016	4	HILLCREST AV	EAST TREGALLAS RD	0	8	D	HILLCREST AV & EAST TREGALLAS RD	
8189923	11/25/2016	4	HILLCREST AV	EAST TREGALLAS RD	0	12	A	HILLCREST AV & EAST TREGALLAS RD	
8364040	5/3/2017	4	HILLCREST AV	LARKSPUR DR	0	9	D	HILLCREST AV & EAST TREGALLAS RD	
8365128	3/5/2017	4	HILLCREST AV	LARKSPUR DR	0	3	C	HILLCREST AV & EAST TREGALLAS RD	

8395199	5/2/2017	4	HILLCREST AV	LARKSPUR DR	0	3	C	HILLCREST AV & EAST TREGALLAS RD	
8421668	6/11/2017	4	HILLCREST AV	LARKSPUR DR	0	3	C	HILLCREST AV & EAST TREGALLAS RD	
8459350	8/19/2017	4	HILLCREST AV	EAST TREGALLAS RD	0	12	B	HILLCREST AV & EAST TREGALLAS RD	
8503325	9/20/2017	4	HILLCREST AV	LARKSPUR DR	30	12	D	HILLCREST AV & EAST TREGALLAS RD	
8536807	12/21/2017	4	HILLCREST AV	LARKSPUR DR	50	9	D	HILLCREST AV & EAST TREGALLAS RD	
8608391	9/28/2017	4	HILLCREST AV	EAST TREGALLAS RD	100	1	F	HILLCREST AV & EAST TREGALLAS RD	
8610963	3/27/2018	4	HILLCREST AV	LARKSPUR DR	150	3	C	HILLCREST AV & EAST TREGALLAS RD	
8626753	2/9/2018	4	LARKSPUR DR	HILLCREST AV	16	3	C	HILLCREST AV & EAST TREGALLAS RD	
8575737	12/20/2017	4	GOLDEN BEAR DR	HILLCREST AV	0	11	G	HILLCREST AV & HIDDEN GLEN DR	Y
8819926	11/10/2018	4	HIDDEN GLEN DR	HILLCREST AV	5	22	C	HILLCREST AV & HIDDEN GLEN DR	
6995635	6/17/2015	3	HILLCREST AV	HIDDEN GLEN DR	40	7	B	HILLCREST AV & HIDDEN GLEN DR	
8193854	8/1/2016	4	HILLCREST AV	GOLDEN BEAR DR	0	3	E	HILLCREST AV & HIDDEN GLEN DR	
7138405	8/24/2015	4	HILLCREST AV	LAUREL RD	0	12	D	HILLCREST AV & STERLING HILL DR	
7197892	2/22/2016	4	HILLCREST AV	LAUREL RD	150	8	E	HILLCREST AV & STERLING HILL DR	
8193328	9/1/2016	4	HILLCREST AV	STERLING HILL DR	115	7	H	HILLCREST AV & STERLING HILL DR	
8467317	8/12/2017	4	HILLCREST AV	LAUREL RD	0	12	D	HILLCREST AV & STERLING HILL DR	
8598651	2/4/2018	4	HILLCREST AV	LAUREL RD	203	3	E	HILLCREST AV & STERLING HILL DR	
6523495	4/16/2014	3	HILLCREST AV	VIA DORA DR	164	8	E	HILLCREST AV & VIA DORA DR	
8087509	6/1/2016	2	HILLCREST AV	VIA DORA DR	180	17	B	HILLCREST AV & VIA DORA DR	Y
8754549	9/15/2018	3	HILLCREST AV	VIA DORA DR	0	1	F	HILLCREST AV & VIA DORA DR	
7140387	12/3/2015	3	VIA DORA DR	HILLCREST AV	5	5	D	HILLCREST AV & VIA DORA DR	Y
7115884	9/14/2015	4	HILLCREST AV	WILDFLOWER DR	15	3	C	HILLCREST AV & WILDFLOWER DR	
8403308	6/28/2017	3	HILLCREST AV	WILDFLOWER DR	0	12	D	HILLCREST AV & WILDFLOWER DR	
8461490	8/24/2017	4	HILLCREST AV	WILDFLOWER DR	0	12	D	HILLCREST AV & WILDFLOWER DR	
8468449	9/15/2017	4	HILLCREST AV	WILDFLOWER DR	21	3	A	HILLCREST AV & WILDFLOWER DR	
7023669	4/27/2015	4	WILDFLOWER DR	HILLCREST AV	0	12	D	HILLCREST AV & WILDFLOWER DR	
6527058	3/29/2014	4	HILLCREST AV	WILDHORSE DR	0	12	C	HILLCREST AV & WILDHORSE DR	
6726336	10/13/2014	4	HILLCREST AV	WILDHORSE DR	0	3	D	HILLCREST AV & WILDHORSE DR	Y
6731293	10/31/2014	4	HILLCREST AV	WILDHORSE DR	0	11	A	HILLCREST AV & WILDHORSE DR	Y
7017644	1/11/2015	3	HILLCREST AV	WILDHORSE DR	15	8	B	HILLCREST AV & WILDHORSE DR	
7097711	7/14/2015	4	HILLCREST AV	WILDHORSE DR	0	8	E	HILLCREST AV & WILDHORSE DR	
7138381	9/15/2015	4	HILLCREST AV	WILDHORSE DR	0	3	C	HILLCREST AV & WILDHORSE DR	
8381729	6/1/2017	3	L ST	SYCAMORE DR	50	1	C	L ST & SYCAMORE DR	
8081132	7/12/2016	4	SYCAMORE DR	L ST	23	6	H	L ST & SYCAMORE DR	Y
8438026	8/2/2017	4	SYCAMORE DR	L ST	45	4	D	L ST & SYCAMORE DR	
8754550	9/9/2018	4	SYCAMORE DR	L ST	0	11	D	L ST & SYCAMORE DR	
8861974	11/20/2018	4	SYCAMORE DR	L ST	0	11	D	L ST & SYCAMORE DR	Y
8376694	5/4/2017	3	WILLIAM REED DR	L ST	45	3	H	L ST & SYCAMORE DR	
7150641	11/6/2015	2	L ST	W 10TH ST	0	8	D	L ST & W 10TH ST	
8381162	5/9/2017	4	L ST	10TH ST	0	7	D	L ST & W 10TH ST	
6966716	4/2/2015	4	W 10TH ST	L ST	0	18	D	L ST & W 10TH ST	
6975969	5/2/2015	4	W 10TH ST	L ST	0	9	A	L ST & W 10TH ST	
8424766	7/20/2017	4	W 10TH ST	L ST	0	0	C	L ST & W 10TH ST	
8688592	6/29/2018	4	W 10TH ST	L ST	0	8	A	L ST & W 10TH ST	
8697522	9/5/2018	4	W 10TH ST	L ST	0	11	G	L ST & W 10TH ST	Y
6693961	7/31/2014	3	L ST	W 18TH ST	150	8	A	L ST & W 18TH ST	
8486770	7/5/2017	3	L ST	W 18TH ST	50	1	E	L ST & W 18TH ST	

6689845	9/8/2014	3	W 18TH ST	L ST	200	11	G	L ST & W 18TH ST	Y
6834583	1/23/2015	4	W 18TH ST	L ST	90	11	G	L ST & W 18TH ST	Y
7156959	12/11/2015	4	W 18TH ST	L ST	0	4	C	L ST & W 18TH ST	
8164570	9/2/2016	4	W 18TH ST	L ST	125	3	C	L ST & W 18TH ST	
8510842	10/26/2017	4	W 18TH ST	L ST	30	1	E	L ST & W 18TH ST	
6689846	9/14/2014	4	BLACK DIAMOND DR	LONE TREE WY	0	12	A	LONE TREE WY & BLACK DIAMOND DR	
6691824	7/31/2014	4	LONE TREE WY	MUIRWOOD WY	20	-	C	LONE TREE WY & BLACK DIAMOND DR	
6835388	2/14/2015	4	LONE TREE WY	BLACK DIAMOND DR	200	4	C	LONE TREE WY & BLACK DIAMOND DR	
8575733	12/23/2017	4	LONE TREE WY	MUIRWOOD WY	0	12	D	LONE TREE WY & BLACK DIAMOND DR	
8623581	3/22/2018	3	LONE TREE WY	BLACK DIAMOND DR	0	11	G	LONE TREE WY & BLACK DIAMOND DR	Y
7138623	7/27/2015	4	MUIRWOOD WY	LONE TREE WY	0	3	E	LONE TREE WY & BLACK DIAMOND DR	
7144636	7/22/2015	4	GOLF COURSE RD	LONE TREE WY	50	8	B	LONE TREE WY & BLUEROCK DR	
8005953	2/9/2016	4	GOLF COURSE RD	LONE TREE WY	25	1	E	LONE TREE WY & BLUEROCK DR	
8521049	12/9/2017	4	GOLF COURSE RD	LONE TREE WY	0	3	C	LONE TREE WY & BLUEROCK DR	
6420545	2/7/2014	4	LONE TREE WY	GOLF COURSE RD	0	12	D	LONE TREE WY & BLUEROCK DR	
7175608	10/31/2015	4	LONE TREE WY	BLUEROCK DR	0	3	C	LONE TREE WY & BLUEROCK DR	
8058743	1/27/2016	4	LONE TREE WY	GOLF COURSE RD	0	3	C	LONE TREE WY & BLUEROCK DR	
8141377	8/11/2016	3	LONE TREE WY	BLUEROCK DR	120	21	G	LONE TREE WY & BLUEROCK DR	Y
8152922	8/30/2016	4	LONE TREE WY	BLUEROCK DR	200	3	C	LONE TREE WY & BLUEROCK DR	
8052545	2/2/2016	4	DAVISON DR	LONE TREE WY	0	12	D	LONE TREE WY & DAVISON DR	
8591280	3/13/2018	4	DAVISON DR	LONE TREE WY	0	11	G	LONE TREE WY & DAVISON DR	Y
6780933	8/18/2014	4	LONE TREE WY	DAVISON DR	69	18	E	LONE TREE WY & DAVISON DR	
7054606	5/18/2015	4	LONE TREE WY	DAVISON DR	0	3	C	LONE TREE WY & DAVISON DR	
7199840	12/22/2015	1	LONE TREE WY	DAVISON DR	40	0	G	LONE TREE WY & DAVISON DR	Y
8059923	3/18/2016	4	LONE TREE WY	DAVISON DR	0	12	D	LONE TREE WY & DAVISON DR	
8133545	8/4/2016	4	LONE TREE WY	DAVISON DR	21	1	C	LONE TREE WY & DAVISON DR	
8158302	9/18/2016	4	LONE TREE WY	DAVISON DR	200	0	C	LONE TREE WY & DAVISON DR	
8196275	10/22/2016	3	LONE TREE WY	DAVISON DR	54	3	E	LONE TREE WY & DAVISON DR	
8306391	1/20/2017	4	LONE TREE WY	DAVISON DR	0	0	C	LONE TREE WY & DAVISON DR	
8459717	9/10/2017	3	LONE TREE WY	DAVISON DR	0	9	A	LONE TREE WY & DAVISON DR	
8861987	12/2/2018	2	LONE TREE WY	DAVISON DR	122	11	G	LONE TREE WY & DAVISON DR	Y
6408674	1/16/2014	4	DEER VALLEY RD	LONE TREE WY	0	3	D	LONE TREE WY & DEER VALLEY RD	Y
6520105	3/28/2014	4	DEER VALLEY RD	LONE TREE WY	0	11	G	LONE TREE WY & DEER VALLEY RD	Y
6962605	5/11/2015	2	DEER VALLEY RD	LONE TREE WY	0	9	D	LONE TREE WY & DEER VALLEY RD	
8786071	9/28/2018	3	DEER VALLEY RD	LONE TREE WY	0	11	G	LONE TREE WY & DEER VALLEY RD	Y
7030954	5/27/2015	4	LONE TREE WY	DEER VALLEY RD	0	4	C	LONE TREE WY & DEER VALLEY RD	
8459701	9/9/2017	3	LONE TREE WY	DEER VALLEY RD	0	12	D	LONE TREE WY & DEER VALLEY RD	
8537173	1/4/2018	3	LONE TREE WY	DEER VALLEY RD	0	12	C	LONE TREE WY & DEER VALLEY RD	
8040395	4/1/2016	4	DALLAS RANCH RD	LONE TREE WY	34	12	D	LONE TREE WY & EAGLERIDGE DR	
8785358	12/14/2018	4	DALLAS RANCH RD	LONE TREE WY	0	3	C	LONE TREE WY & EAGLERIDGE DR	
6357099	1/10/2014	4	LONE TREE WY	DALLAS RANCH RD	5	3	C	LONE TREE WY & EAGLERIDGE DR	
6396307	1/10/2014	4	LONE TREE WY	DALLAS RANCH RD	12	-	C	LONE TREE WY & EAGLERIDGE DR	
7138413	5/29/2015	3	LONE TREE WY	EAGLERIDGE DR	15	8	E	LONE TREE WY & EAGLERIDGE DR	
8103013	8/8/2016	4	LONE TREE WY	EAGLERIDGE DR	132	3	C	LONE TREE WY & EAGLERIDGE DR	
8801527	12/25/2018	3	LONE TREE WY	DALLAS RANCH RD	0	1	B	LONE TREE WY & EAGLERIDGE DR	
6942741	4/24/2015	4	HILLCREST AV	LONE TREE WY	0	12	D	LONE TREE WY & HILLCREST AV	
8173755	9/7/2016	3	HILLCREST AV	LONE TREE WY	101	8	E	LONE TREE WY & HILLCREST AV	

8764266	8/26/2018	4	HILLCREST AV	LONE TREE WY	0	9	D	LONE TREE WY & HILLCREST AV	
6630918	9/14/2014	3	LONE TREE WY	HILLCREST AV	114	5	D	LONE TREE WY & HILLCREST AV	Y
6797654	12/26/2014	2	LONE TREE WY	HILLCREST AV	0	11	G	LONE TREE WY & HILLCREST AV	Y
6933648	4/14/2015	4	LONE TREE WY	HILLCREST AV	0	0	B	LONE TREE WY & HILLCREST AV	Y
8034616	3/28/2016	3	LONE TREE WY	HILLCREST AV	0	1	F	LONE TREE WY & HILLCREST AV	
8048646	4/5/2016	4	LONE TREE WY	HILLCREST AV	0	12	D	LONE TREE WY & HILLCREST AV	
8050683	3/25/2016	4	LONE TREE WY	HILLCREST AV	150	3	C	LONE TREE WY & HILLCREST AV	
8292560	3/27/2017	2	LONE TREE WY	HILLCREST AV	0	1	D	LONE TREE WY & HILLCREST AV	
6537832	5/7/2014	4	LONE TREE WY	MOKELUMNE DR	175	-	C	LONE TREE WY & MOKELUMNE DR	
6666017	9/19/2014	4	LONE TREE WY	MOKELUMNE DR	0	12	D	LONE TREE WY & MOKELUMNE DR	
6679474	5/8/2014	4	LONE TREE WY	COUNTRY HILLS DR	0	-	C	LONE TREE WY & MOKELUMNE DR	
8193846	8/15/2016	4	LONE TREE WY	MOKELUMNE DR	0	3	E	LONE TREE WY & MOKELUMNE DR	
8326704	3/3/2017	4	LONE TREE WY	COUNTRY HILLS DR	20	3	C	LONE TREE WY & MOKELUMNE DR	
8373314	3/17/2017	4	LONE TREE WY	COUNTRY HILLS DR	10	3	C	LONE TREE WY & MOKELUMNE DR	
8395191	5/10/2017	4	LONE TREE WY	MOKELUMNE DR	250	8	C	LONE TREE WY & MOKELUMNE DR	
8646973	5/22/2018	3	LONE TREE WY	MOKELUMNE DR	100	1	C	LONE TREE WY & MOKELUMNE DR	
8171186	10/27/2016	4	MOKELUMNE DR	LONE TREE WY	0	12	B	LONE TREE WY & MOKELUMNE DR	
6436742	2/27/2014	4	LONE TREE WY	SAGEBRUSH DR	0	12	D	LONE TREE WY & SAGEBRUSH DR	
8463570	9/13/2017	4	LONE TREE WY	SAGEBRUSH DR	0	3	C	LONE TREE WY & SAGEBRUSH DR	
8546246	1/5/2018	2	LONE TREE WY	SAGEBRUSH DR	0	11	-	LONE TREE WY & SAGEBRUSH DR	Y
6378310	1/19/2014	4	LONE TREE WY	VISTA GRANDE DR	0	12	D	LONE TREE WY & VISTA GRANDE DR	
6425083	2/26/2014	4	LONE TREE WY	VISTA GRANDE DR	0	12	D	LONE TREE WY & VISTA GRANDE DR	
6577942	6/24/2014	4	LONE TREE WY	VISTA GRANDE DR	0	12	D	LONE TREE WY & VISTA GRANDE DR	
6665810	8/9/2014	4	LONE TREE WY	VISTA GRANDE DR	45	3	C	LONE TREE WY & VISTA GRANDE DR	
6682063	9/8/2014	3	LONE TREE WY	VISTA GRANDE DR	0	12	D	LONE TREE WY & VISTA GRANDE DR	
6795547	10/3/2014	3	LONE TREE WY	VISTA GRANDE DR	0	12	D	LONE TREE WY & VISTA GRANDE DR	
7138417	4/19/2015	3	LONE TREE WY	VISTA GRANDE DR	0	8	E	LONE TREE WY & VISTA GRANDE DR	
8117721	8/16/2016	4	LONE TREE WY	VISTA GRANDE DR	0	12	D	LONE TREE WY & VISTA GRANDE DR	
8191125	11/12/2016	4	LONE TREE WY	VISTA GRANDE DR	0	1	D	LONE TREE WY & VISTA GRANDE DR	
8319017	2/15/2017	4	LONE TREE WY	VISTA GRANDE DR	0	3	C	LONE TREE WY & VISTA GRANDE DR	
6703993	8/3/2014	4	VISTA GRANDE DR	LONE TREE WY	0	17	D	LONE TREE WY & VISTA GRANDE DR	
6812903	12/14/2014	3	VISTA GRANDE DR	LONE TREE WY	0	12	D	LONE TREE WY & VISTA GRANDE DR	
6847096	2/27/2015	3	LONE TREE WY	WORRELL RD	12	8	G	LONE TREE WY & WORRELL RD	Y
7131294	10/15/2015	4	LONE TREE WY	PUTNAM ST	0	18	C	LONE TREE WY & WORRELL RD	
8165261	10/1/2016	4	LONE TREE WY	PUTNAM ST	0	1	E	LONE TREE WY & WORRELL RD	
8302481	1/4/2017	4	LONE TREE WY	PUTNAM ST	108	21	E	LONE TREE WY & WORRELL RD	
8480571	9/26/2017	4	LONE TREE WY	PUTNAM ST	0	12	D	LONE TREE WY & WORRELL RD	
8504579	12/16/2017	4	LONE TREE WY	WORRELL RD	0	12	D	LONE TREE WY & WORRELL RD	
8607045	2/6/2018	4	LONE TREE WY	PUTNAM ST	10	5	D	LONE TREE WY & WORRELL RD	Y
8644024	5/20/2018	4	LONE TREE WY	PUTNAM ST	0	12	D	LONE TREE WY & WORRELL RD	
8191375	12/6/2016	4	PUTNAM ST	LONE TREE WY	0	12	A	LONE TREE WY & WORRELL RD	
8050592	2/4/2016	3	PREWETT RANCH DR	DEER VALLEY RD	0	12	D	PREWETT RANCH DR & DEER VALLEY RD	
8353888	3/29/2017	3	PREWETT RANCH DR	DEER VALLEY RD	0	11	G	PREWETT RANCH DR & DEER VALLEY RD	Y
8843671	10/27/2018	4	PREWETT RANCH DR	DEER VALLEY RD	0	12	D	PREWETT RANCH DR & DEER VALLEY RD	
6827363	2/9/2015	3	W 10TH ST	A ST	0	9	D	W 10TH ST & A ST	Y
6990942	4/4/2015	2	W 10TH ST	A ST	0	3	A	W 10TH ST & A ST	
8442121	8/4/2017	4	WEST 10TH ST	A ST	240	11	G	W 10TH ST & A ST	Y

6445833	1/5/2014	2	DEER VALLEY RD	WILDFLOWER DR	192	3	E	WILDFLOWER DR & DEER VALLEY RD	
6506441	4/2/2014	3	DEER VALLEY RD	WILDFLOWER DR	0	-	A	WILDFLOWER DR & DEER VALLEY RD	
6944915	3/10/2015	3	DEER VALLEY RD	WILDFLOWER DR	200	5	A	WILDFLOWER DR & DEER VALLEY RD	
8067571	3/31/2016	4	DEER VALLEY RD	WILDFLOWER DR	0	12	D	WILDFLOWER DR & DEER VALLEY RD	
8306300	12/22/2016	4	DEER VALLEY RD	WILDFLOWER DR	245	3	C	WILDFLOWER DR & DEER VALLEY RD	
8566323	2/9/2018	4	DEER VALLEY RD	WILDFLOWER DR	30	3	C	WILDFLOWER DR & DEER VALLEY RD	
8583739	2/4/2018	4	DEER VALLEY RD	WILDFLOWER DR	0	8	E	WILDFLOWER DR & DEER VALLEY RD	
8682744	6/26/2018	4	DEER VALLEY RD	WILDFLOWER DR	0	8	D	WILDFLOWER DR & DEER VALLEY RD	
6691997	3/27/2014	4	WILDFLOWER DR	DEER VALLEY RD	70	8	G	WILDFLOWER DR & DEER VALLEY RD	Y
7011293	8/11/2015	4	WILDFLOWER DR	DEER VALLEY RD	0	12	D	WILDFLOWER DR & DEER VALLEY RD	
7080065	9/6/2015	3	WILDFLOWER DR	DEER VALLEY RD	0	12	D	WILDFLOWER DR & DEER VALLEY RD	
7148670	11/27/2015	4	WILDFLOWER DR	DEER VALLEY RD	0	12	D	WILDFLOWER DR & DEER VALLEY RD	
7138409	7/26/2015	4	EMPIRE AV	LONE TREE WY	200	3	C	LONE TREE WY & EMPIRE AVE	
6827324	12/15/2014	4	LONE TREE WY	EMPIRE AV	200	7	A	LONE TREE WY & EMPIRE AVE	
8631612	2/28/2018	4	LONE TREE WY	EMPIRE AV	0	12	D	LONE TREE WY & EMPIRE AVE	
8677269	4/16/2018	4	LONE TREE WY	EMPIRE AV	0	3	C	LONE TREE WY & EMPIRE AVE	
8819922	11/21/2018	4	LONE TREE WY	EMPIRE AV	100	9	B	LONE TREE WY & EMPIRE AVE	
8677265	4/18/2018	3	LONE TREE WY	SUNSET LN	150	3	E	LONE TREE WY & CLAYBURN ROAD	
7011308	8/31/2015	4	JAMES DONLON BL	GENTRYTOWN DR	50	3	C	GENTRYTOWN DR & JAMES DONLON BLVD	

