

City of Fairfield
General Plan Update &
Climate Action Plan

Draft Environmental Impact Report (EIR) Appendices

July 26, 2024

SCH#: 2021080289



City of Fairfield
General Plan Update & Climate Action Plan
Environmental Impact Report (EIR)

July 26, 2024

Prepared for the City of Fairfield

Prepared by

DYETT & BHATIA
Urban and Regional Planners

In association with:

WRA Environmental Consultants
Fehr & Pehrs
Salter

RECIRCULATED NOTICE OF PREPARATION AND SCOPING MEETING

Program Environmental Impact Report

Fairfield Forward 2050: City of Fairfield Comprehensive General Plan Update, Housing Element Update, and Climate Action Plan

Date: March 22nd, 2024

To: Responsible and Trustee Reviewing Agencies, Interested Parties, and Organizations

Project Title: Fairfield Forward 2050: City of Fairfield General Plan Update, Housing Element Update, and Climate Action Plan

Comment Period: March 22nd-April 21st, comments due by 5:00 PM PST

Scoping Meeting: April 9th, 2024, 6:00-7:00pm via Zoom. [Registration link available here.](#)

Lead Agency: City of Fairfield

Contact: Jessie Hernandez, Associate Planner
Planning Division
jhernandez@fairfield.ca.gov
Office 707-428-7450
1000 Webster Street, 2nd Floor
Fairfield, CA 94533

This Notice of Preparation (NOP) provides an opportunity for interested parties and individuals to comment on the scope and content of environmental information to be included in the EIR on the Project. The NOP for the Project has been recirculated to reflect several changes in the Project scope since the previous NOP for the Project was released on August 16, 2021:

(1) The Housing Element is no longer a part of the General Plan Update. The previous NOP envisioned the Housing Element to be a part of the General Plan Update; however, because of State deadlines, the 6th Cycle 2023-2031 Housing Element was adopted and Negative Declaration certified on February 7, 2023.

(2) The General Plan now includes preparation of an Environmental Justice Element. Two census tracts in Fairfield now meet the criteria of a “disadvantaged community” based on

updated data from the California Environmental Protection Agency's CalEnviroscreen 4.0 methodology.

(3) The Project includes targeted amendments to the adopted Heart of Fairfield and Train Station specific plans, including adjustments to densities, land use changes, and zoning boundaries, while maintaining the overall vision and objectives of the plans.

Therefore, the City is recirculating the NOP and will be hosting an additional Scoping Meeting.

The City of Fairfield (City) is preparing an update of its General Plan, which will establish the City's overall approach to development, transportation, environmental quality, and other key topics through 2050. The City is also preparing a Climate Action Plan to address community greenhouse gas (GHG) emissions. Collectively, these activities are known as the proposed Project (Project). The City has determined that the Project requires the preparation of a Program Environmental Impact Report (Program EIR) in compliance with the California Environmental Quality Act (CEQA; California Public Resources Code, Section 21000 et seq.), and Title 14 of the California Code of Regulations. The City has prepared this Notice of Preparation (NOP) in accordance with CEQA Guidelines Sections 15082(a) and 15375.

The NOP solicits guidance from responsible, trustee, and federal agencies about the scope and content of environmental information to be included in the EIR related to the agencies' statutory responsibilities. The agencies will use the City's EIR when considering their permits or other approvals related to the Project. The NOP also provides an opportunity for other interested parties to provide the City with comments on environmental issues they see as being germane to the Program EIR.

The Project description, location, and topics of probable environmental effects that will be analyzed in the Program EIR are contained in the pages that follow. Since the City has determined that a Program EIR is required for the Project, pursuant to Section 15060(d) of the CEQA Guidelines (14 CCR 15000 et seq.), preparation of an Initial Study is not required and, therefore, one has not been prepared. Due to time limits mandated by state law, you are encouraged to submit your response to this NOP before the close of the comment period. Comments must be received no later than 5:00 PM PST, April 21st, 2024, as stated on the first page of this NOP. Written comments should be addressed to Jessie Hernandez at the City of Fairfield at the address listed above.

PROJECT SETTING

Fairfield is a diverse and growing community of approximately 119,000 residents, located in central Solano County in the Bay Area within the California Coastal Ranges at the southwestern edge of the Sacramento Valley, just north of the Suisun Bay and salt marsh. The City, which is the Solano County Seat, is located at strategic transportation crossroads at the convergence of interstates 680 and 80 (I-680 and I-80), two of the Bay Area's largest freeways, and at a mid-point between

Sacramento and San Francisco (each 45 miles away). Fairfield also provides the eastern gateway to Napa Valley, which lies 15 miles to the west and is easily accessed via Highway 12. In addition, Fairfield is accessible via public transportation, including Fairfield and Suisun Transit (FAST) and Solano Express bus lines, and two Capital Corridor train stations that connect Fairfield to Auburn and San Jose via Sacramento and Oakland. The City is also home to Travis Air Force Base (AFB), which is located four miles east of downtown. Known as the "Gateway to the Pacific," Travis AFB is Fairfield's largest employer and handles more cargo and passenger traffic through its airport than any other military air terminal in the United States. Other important institutions and major employers in the City include the County of Solano; educational institutions like the Fairfield-Suisun Unified School District and Solano Community College; medical organizations like NorthBay Healthcare Center, Partnership HealthPlan, and Sutter Fairfield Medical Campus; and food manufacturers like Anheuser Busch and Jelly Belly.

The Planning Area encompasses 278 square miles including the City of Fairfield (approximately 41 square miles) and its Sphere of Influence (SOI) (approximately 11 square miles). The SOI is generally coterminous with the City boundary but includes a handful of areas surrounding the City limits, with the largest section located in the northeast area of the City limits, adjacent to Travis Air Force Base. The Planning Area also includes the surrounding unincorporated areas in Green Valley and Suisun Valley, as in the current General Plan, and the Suisun Marsh Protection Plan area (225 square miles). Although the City of Fairfield does not have jurisdiction in areas outside of its City limits, what happens in those areas bears a relation to the City's planning and must be considered in the General Plan, per California Government Code Section 65300. The City is surrounded by undeveloped hills on its western and northern borders. To its east and northeast are grazing and prairie grasslands. Suisun Valley, one of the county's most productive and intensive agricultural regions, adjoins Fairfield and separates the central city from the Cordelia planning area. Additionally, between Fairfield and nearby Vacaville to the northeast is the Fairfield-Vacaville-Solano Greenbelt. The Greenbelt was established in 1994 through a Joint Powers Authority between the two cities and the County, and it prohibits development in the open space designated between the two cities' boundaries. To the south, beyond the neighboring city of Suisun City, is the largest remaining wetland around San Francisco Bay, the Suisun Marsh; the marsh is included in the Planning Area to affirm the City's position of maintaining this area as open space and to ensure its cohesive integration with the community.

The attached Figure 1 shows the City's regional location and Figure 2 shows the General Plan Planning Area.

PROJECT DESCRIPTION

The Project involves a comprehensive update to elements of the General Plan. Additionally, a Climate Action Plan will be prepared that includes a community-wide inventory of GHG emissions and a strategy for reducing them to achieve State-mandated targets. The General Plan Update is underway, and significant community input has been gathered through community meetings and workshops, pop-up outreach, and two online surveys. Information on community input gathered and work completed to date are available at the project website: www.fairfieldforward.com.

The Fairfield General Plan Update will have all elements required by State law plus additional elements to incorporate strategies for achieving the plan vision, complying with new State law enacted since the Fairfield General Plan was last comprehensively updated, and addressing emerging trends and new technologies. The General Plan is anticipated to have the following elements: Land Use; Open Space, Conservation, and Recreation; Circulation; Economic Development; Health and Safety; Sustainability; Public Health and Environmental Justice; Public Services; Community Design; and Travis Air Force Base Protection; these elements may be combined or further separated out when the General Plan is drafted.

In June 2021, the City Council and Planning Commission reviewed and indicated support for the Draft Vision and Guiding Principles to guide the General Plan, including the following vision:

“Fairfield builds upon its strengths—a charming downtown, thriving and diverse neighborhoods, economic assets, and inviting and attractive natural surroundings and agricultural and ecological riches—to blossom into a complete, vibrant city, a place renowned for walkable, affordable, and pleasant neighborhoods with ample open space amenities; economic prosperity and opportunity; social stability and equity; and cultural, entertainment and recreation possibilities.”

Guiding principles for the future of the community include the following:

- Foster Fairfield as a community of vibrant, diverse, connected neighborhoods, with easy access to shopping, entertainment, and recreation.
- Improve Fairfield’s transportation network with safe and connected walking and biking facilities, accessible and reliable public transit, and new transportation technology.
- Achieve a resilient, dynamic, and competitive local economy that offers opportunities across the economic spectrum.
- Promote housing and support a diverse array of housing types to meet the needs of all segments of the population.
- Preserve Fairfield’s status as a distinctive community surrounded by and connected to open space and agriculture.
- Emphasize environmental sustainability.
- Achieve a healthy and safe community for all.
- Foster revitalization in the city’s core and along key corridors, building on the momentum of recent planning efforts, including the Heart of Fairfield and Train Station specific plans.
- Create community cohesion and sense of place by celebrating and showcasing Fairfield’s diversity.

PROBABLE ENVIRONMENTAL EFFECTS

The Program EIR will describe existing environmental resources and current conditions in the Planning Area, evaluate the environmental impacts of implementing the project, and identify feasible mitigation measures and project alternatives that may lessen or avoid adverse

environmental impacts. The analysis will focus on the reasonably foreseeable direct and indirect physical environmental effects that could result from implementation of the project.

The following CEQA environmental issue areas will be addressed in the EIR:

- Aesthetics
- Agriculture and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Energy Resources
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise and Vibration
- Population and Housing
- Public Services and Recreation
- Tribal Cultural Resources
- Utilities and Service Systems
- Transportation and Traffic
- Wildfire Hazards

The Planning Area does not contain any land designated or zoned for timberland production or other forestry-related uses. Thus, the topics of Forestry Resources will be excluded from the EIR.

SCOPING MEETING

Pursuant to Public Resources Code Section 21083.9(a)(2), scoping meetings are required for projects that may have statewide, regional, or area-wide environmental impacts. The City has determined that this Project meets this threshold. A public scoping meeting has been scheduled and will be held virtually via Zoom on April 9th, 6:00-7:00pm. Zoom registration is available at <https://bit.ly/3IPrmoy>. Verbal comments regarding the scope of the proposed Program EIR will be accepted at the meeting. Written comments can also be mailed or emailed to the above-mentioned address, addressed to Jessie Hernandez before the close of the NOP public comment period.

Please contact Jessie Hernandez at 707-428-7450 or jhernandez@fairfield.ca.gov with any questions regarding this notice or the scoping meeting.



Jessie Hernandez
Associate Planner

3/22/24

Date

Figure I-1: Regional Location

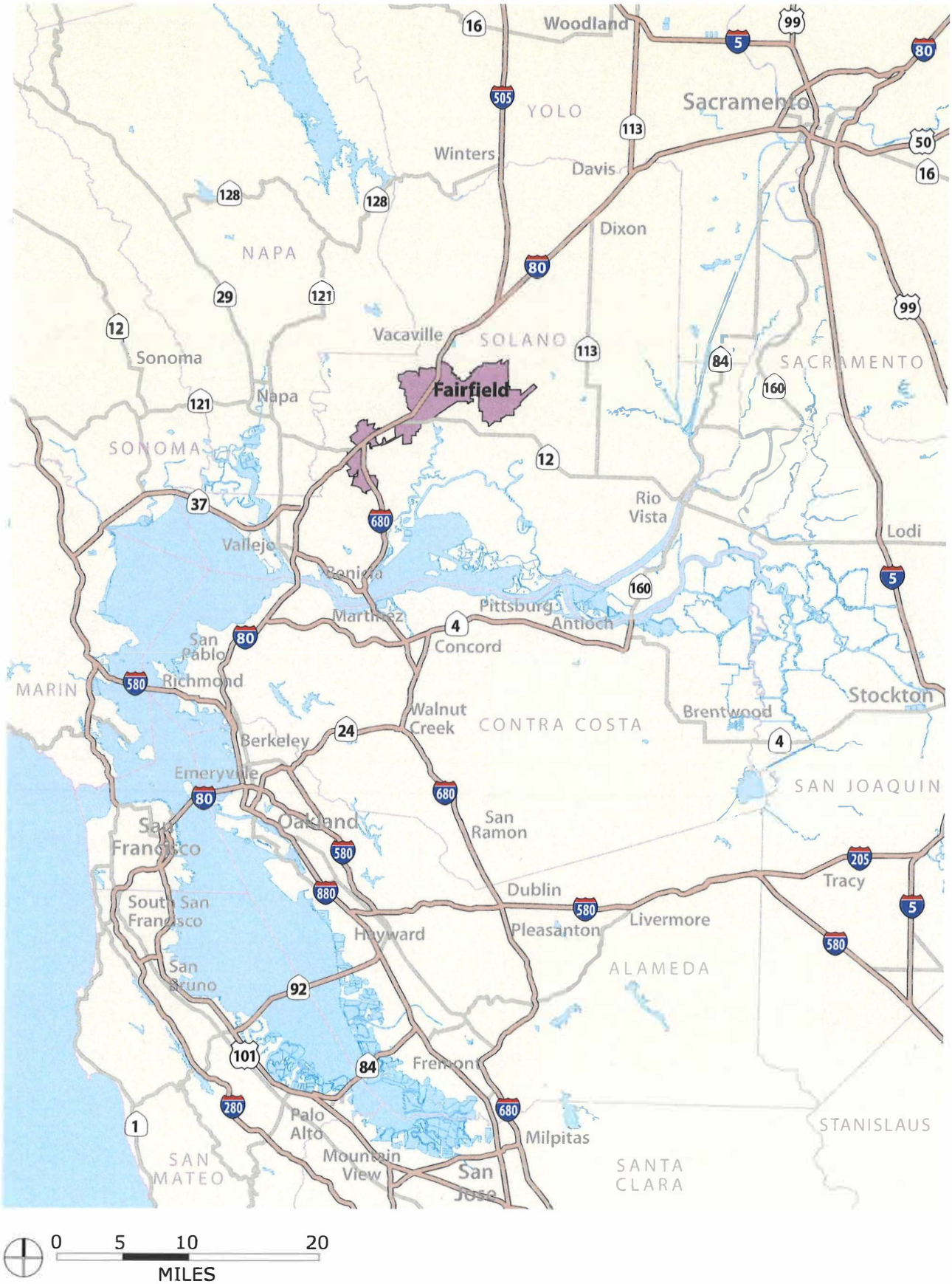
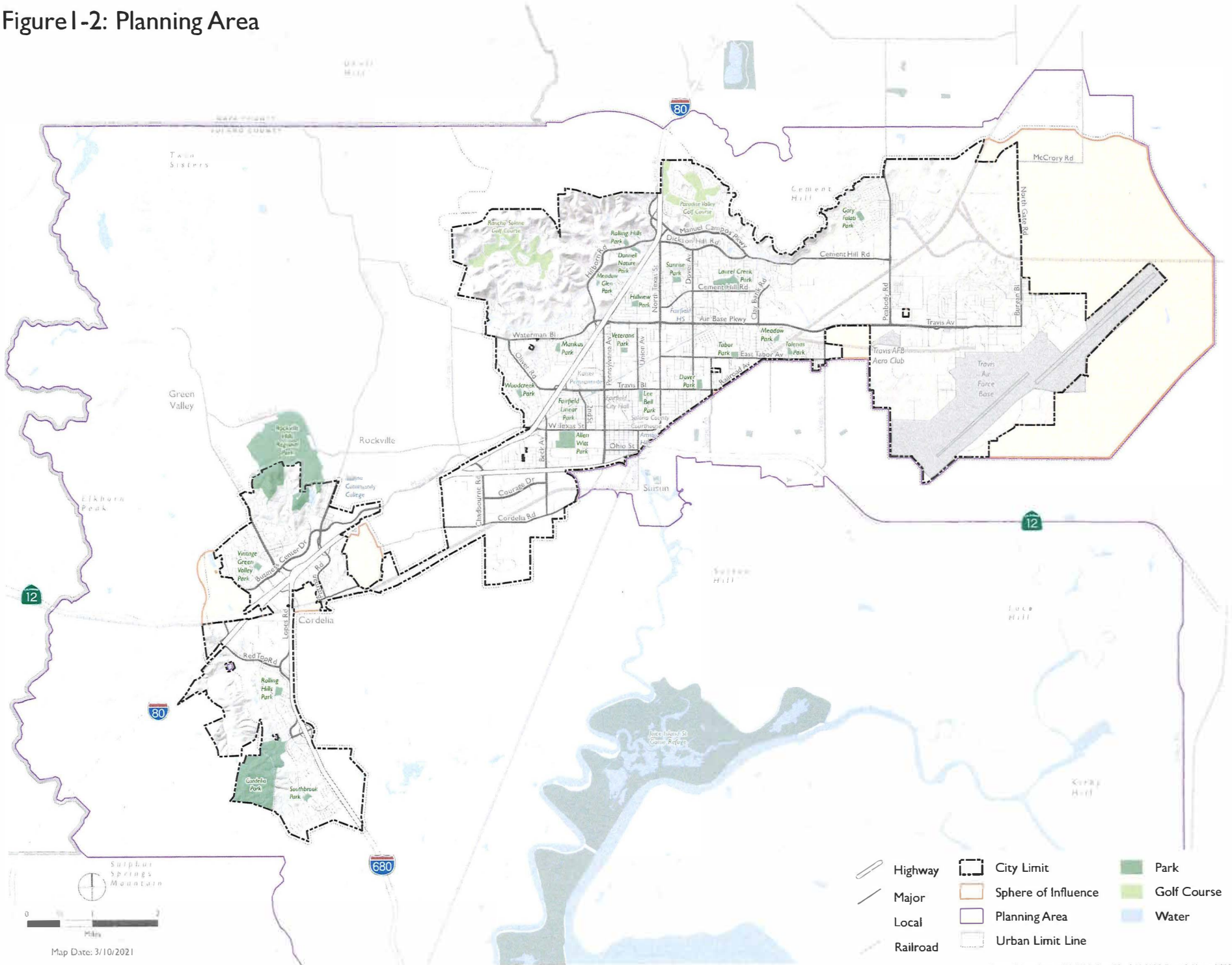


Figure I-2: Planning Area



California Department of Transportation

AERONAUTICS PROGRAM
DIVISION OF TRANSPORTATION PLANNING
P.O. BOX 942873, MS-40 | SACRAMENTO, CA 94273-0001
(916) 654-4959
www.dot.ca.gov



Governor's Office of Planning & Research

Apr 23 2024

STATE CLEARINGHOUSE

April 22, 2024

Ms. Jessie Hernandez
Associate Planner
City of Fairfield
1000 Webster St.
Fairfield, CA 94533

Electronically Sent <jhernandez@fairfield.ca.gov>

RE: SCH 2021080289 - Fairfield Forward 2050: City of Fairfield Comprehensive General Plan Update, Housing Element Update, and Climate Action Plan

Dear Mr. Hernandez:

The California Department of Transportation, Caltrans Aeronautics has reviewed the Notice of Preparation of a Draft EIR for the Fairfield Forward 2050: City of Fairfield Comprehensive General Plan Update, Housing Element Update, and Climate Action Plan. One of the goals of the California Department of Transportation, Aeronautics Program, is to assist cities, counties, and Airport Land Use Commissions (ALUC) or their equivalent, to understand and comply with the State Aeronautics Act pursuant to the California Public Utilities Code (PUC), Section 21001 et seq. Caltrans encourages collaboration with our partners in the planning process and thanks you for including the Aeronautics Program in the review of the NOP.

Travis Air Force Base (AFB) is situated four miles east of downtown Fairfield in Solano County. The city of Fairfield is located within the compatibility zone(s) of the Travis Air Force Base Land Use Compatibility Plan, and therefore must adhere to the safety criteria and restrictions defined in the Airport Land Use Compatibility Plan (ALUCP) adopted by the ALUC pursuant to the PUC, Section 21674. The compatibility criteria outlined in these policies are also meant to be incorporated into general plans and other policy instruments adopted by jurisdictions responsible for managing land uses in proximity to Travis AFB.

Per the California Public Utilities Code Section 21001 et seq. relating to the State Aeronautics Act, Section 21676(b) prior to the amendment of a general plan, within the planning boundary established by the airport land use commission, or equivalent, pursuant to Section 21675, the local agency shall first refer the proposed action to the commission. If the commission determines that the proposed action is inconsistent with the commission's plan, the referring agency shall be notified. Any proposed

Ms. Jessie Hernandez, Associate Planner
April 22, 2024
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development in the defined safety compatibility zones, therefore, must adhere to the criteria and restrictions defined in the ALUCP.

Please be aware, Public Utilities Code, Section 21659, "Hazards Near Airports Prohibited" prohibits structural hazards near airports. To ensure compliance with Federal Aviation Regulation, Part 77, "Objects Affecting Navigable Airspace," submission of a Notice of Proposed Construction or Alteration (Form 7460-1) to the Federal Aviation Administration (FAA) may be required. This is in addition to any height compatibility policies defined in the ALUCP. Moreover, any proposed projects identified as hazardous material sites compiled pursuant to Government Code Section 65962.5, compatibility restrictions should be reviewed per the ALUCP.

If you have any questions or need additional information, please contact me by email at tiffany.martinez@dot.ca.gov.

Sincerely,

A handwritten signature in cursive script that reads "Tiffany Martinez".

Tiffany Martinez
Aviation Planner
Caltrans Aeronautics Program

c: State Clearinghouse <state.clearinghouse@opr.ca.gov>

California Department of Transportation

DISTRICT 4
OFFICE OF REGIONAL AND COMMUNITY PLANNING
P.O. BOX 23660, MS-10D | OAKLAND, CA 94623-0660
www.dot.ca.gov



April 22, 2024

SCH #: 2021080289
GTS #: 04-SOL-2021-00314
GTS ID: 24022
Co/Rt/Pm: SOL/VAR/VAR

Governor's Office of Planning & Research

Apr 22 2024

STATE CLEARINGHOUSE

Jessie Hernandez, Associate Planner
City of Fairfield
1000 Webster Avenue 2nd Floor
Fairfield, CA 94533

Re: Fairfield Forward 2050: City of Fairfield Comprehensive General Plan Update and Climate Action Plan — Notice of Preparation (NOP) for Draft Environmental Impact Report (DEIR)

Dear Jessie Hernandez:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for this project. The Local Development Review (LDR) Program reviews land use projects and plans to ensure consistency with our mission and state planning priorities. The following comments are based on our review of the March 2024 NOP.

Please note this correspondence does not indicate an official position by Caltrans on this project and is for informational purposes only.

Project Understanding

The project proposes to update the City of Fairfield's General Plan, which will establish the City's overall approach to development, transportation, environmental quality, and other key topics through 2050. The City is also preparing a Climate Action Plan to address community greenhouse gas (GHG) emissions. Interstate (I)-80 and State Route (SR)-12 run through the City of Fairfield.

Travel Demand Analysis

With the enactment of Senate Bill (SB) 743, Caltrans is focused on maximizing efficient development patterns, innovative travel demand reduction strategies, and multimodal improvements. For more information on how Caltrans assesses Vehicle Miles Traveled (VMT) analysis for land use projects, please review Caltrans' Transportation Impact Study Guide ([link](#)).

Please evaluate the potential impact of the General Plan Updates to the freeway mainline, ramps, and ramp intersections along I-80 and SR-12.

Multimodal Transportation Planning

Please review and include the reference to the *Caltrans District 4 Pedestrian Plan* (2021) and the *Caltrans District 4 Bike Plan* (2018) in the DEIR. These two plans studied existing conditions for walking and biking along and across the State Transportation Network (STN) in the nine-county Bay Area and developed a list of location-based and prioritized needs.

Please note that any Complete Streets reference should be updated to reflect Caltrans Director's Policy 37 ([link](#)) that highlights the importance of addressing the needs of non-motorists and prioritizing space-efficient forms of mobility, while also facilitating goods movement in a manner with the least environmental and social impacts. This supersedes Deputy Directive 64-R1, and further builds upon its goals of focusing on the movement of people and goods.

Equity and Public Engagement

We will achieve equity when everyone has access to what they need to thrive no matter their race, socioeconomic status, identity, where they live, or how they travel. Caltrans is committed to advancing equity and livability in all communities. We look forward to collaborating with the City to prioritize projects that are equitable and provide meaningful benefits to historically underserved communities.

Caltrans encourages the City to foster meaningful, equitable and ongoing public engagement in the General Plan development process to ensure future transportation decisions and investments reflect community interests and values. The public engagement process should include community-sensitive and equity-focused approaches seeking out the needs of individuals from underserved, Tribal, and low-income communities, the elderly, and individuals with disabilities.

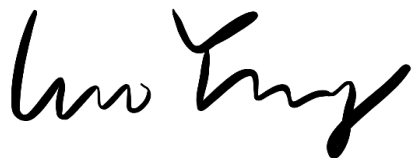
Equitable Access

If any Caltrans facilities are impacted by the project, those facilities must meet American Disabilities Act (ADA) Standards after project completion. As well, the project must maintain bicycle and pedestrian access during construction. These access considerations support Caltrans' equity mission to provide a safe, sustainable, and equitable transportation network for all users.

Thank you again for including Caltrans in the environmental review process. Should you have any questions regarding this letter, please contact Llisel Ayon, Associate Transportation Planner, via LDR-D4@dot.ca.gov. For future early coordination opportunities or project referrals, please contact LDR-D4@dot.ca.gov.

Jessie Hernandez, Associate Planner
April 22, 2024
Page 3

Sincerely,

A handwritten signature in black ink, appearing to read 'Luo Yunsheng'.

YUNSHENG LUO
Branch Chief, Local Development Review
Office of Regional and Community Planning

c: State Clearinghouse



Yana Garcia
Secretary for
Environmental Protection



Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
8800 Cal Center Drive
Sacramento, California 95826-3200



Gavin Newsom
Governor

SENT VIA ELECTRONIC MAIL

April 08, 2024

Jessie Hernandez

Associate Planner

City of Fairfield

1000 Webster Avenue, 2nd Floor

Fairfield, CA 94533

jhernandez@fairfield.ca.gov

Governor's Office of Planning & Research

Apr 08 2024

STATE CLEARINGHOUSE

RE: NOTICE OF PREPARATION (NOP) OF A DRAFT ENVIRONMENTAL IMPACT REPORT (DEIR) FOR THE FAIRFIELD FORWARD 2050: CITY OF FAIRFIELD COMPREHENSIVE GENERAL PLAN UPDATE, HOUSING ELEMENT UPDATE, AND CLIMATE ACTION PLAN, DATED MARCH 22, 2024 STATE CLEARINGHOUSE # [2021080289](#)

Dear Jessie Hernandez,

The Department of Toxic Substances Control (DTSC) received an NOP of a DEIR for the Fairfield Forward 2050: City of Fairfield Comprehensive General Plan Update, Housing Element Update, and Climate Action Plan (project). The project includes targeted amendments to the adopted Heart of Fairfield and Train Station specific plans, including adjustments to densities, land use changes, and zoning boundaries, while maintaining the overall vision and objectives of the plans. Therefore, the City is recirculating the NOP and will be hosting an additional Scoping Meeting. The project involves a comprehensive update to elements of the General Plan. Based on our project review, we request consideration of the following comments:

1. The proposed Project encompasses multiple active and nonactive mitigation and clean-up sites where DTSC has conducted oversight that may be impacted as a result of this Project. This may restrict what construction activities are permissible in the proposed Project areas in order to avoid any impacts to human health and the environment.
2. Due to the broad scope of the Project, DTSC is unable to determine the locations of the proposed sites, whether they are listed as having documented contamination, land use restrictions, or whether there is the potential for the sites to be included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. Therefore, DTSC recommends providing further information on the proposed project and areas that may fall under DTSC's oversight within future environmental documents. Once received, DTSC may provide additional comments on future environmental documents as further information becomes available. Please review the project area in [EnviroStor](#); DTSC's public-facing database.

DTSC believes the City of Fairfield must address these comments to determine if any significant impacts under the California Environmental Quality Act (CEQA) will occur and, if necessary, avoid significant impacts under CEQA. DTSC recommends the department connect with our unit if any hazardous waste projects managed or overseen by DTSC are discovered.

DTSC appreciates the opportunity to comment on the proposed project. If further concerns or impacts surface in light of the forthcoming EIR, DTSC reserves the right to provide applicable comments at that time.

Thank you for your assistance in protecting California's people and environment from the harmful effects of toxic substances. If you have any questions or would like any clarification on DTSC's comments, please respond to this letter or via [email](#) for additional guidance.

Sincerely,

A handwritten signature in black ink that reads "Dave Kereazis". The script is cursive and fluid, with the first letters of each word being capitalized and prominent.

Dave Kereazis
Associate Environmental Planner
HWMP - Permitting Division – CEQA Unit
Department of Toxic Substances Control
Dave.Kereazis@dtsc.ca.gov

cc: (via email)

Governor's Office of Planning and Research
State Clearinghouse
State.Clearinghouse@opr.ca.gov

Tamara Purvis
Associate Environmental Planner
HWMP – Permitting Division - CEQA Unit
Department of Toxic Substances Control
Tamara.Purvis@dtsc.ca.gov

Scott Wiley
Associate Governmental Program Analyst
HWMP – Permitting Division - CEQA Unit
Department of Toxic Substances Control
Scott.Wiley@dtsc.ca.gov



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NATIVE AMERICAN HERITAGE COMMISSION

March 25, 2024

Jessie Hernandez
City of Fairfield
1000 Webster Street
Second Floor
Fairfield CA 94533

Governor's Office of Planning & Research

Mar 29 2024

STATE CLEARINGHOUSE

Re: 2021080289, Fairfield Forward 2050: City of Fairfield Comprehensive General Plan Update, Housing Element Update, and Climate Action Plan Project, Solano County

Dear Ms. Hernandez:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, § 15064.5 (b) (CEQA Guidelines § 15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines § 15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project:

Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

- a. A brief description of the project.
- b. The lead agency contact information.
- c. Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
- d. A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subs. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1 (b)).

- a. For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

- a. Alternatives to the project.
- b. Recommended mitigation measures.
- c. Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

- a. Type of environmental review necessary.
- b. Significance of the tribal cultural resources.
- c. Significance of the project's impacts on tribal cultural resources.
- d. If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

- a. Whether the proposed project has a significant impact on an identified tribal cultural resource.

- b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

- a.** The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or
- b.** A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

- a.** Avoidance and preservation of the resources in place, including, but not limited to:
 - i.** Planning and construction to avoid the resources and protect the cultural and natural context.
 - ii.** Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.
- b.** Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:
 - i.** Protecting the cultural character and integrity of the resource.
 - ii.** Protecting the traditional use of the resource.
 - iii.** Protecting the confidentiality of the resource.
- c.** Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.
- d.** Protecting the resource. (Pub. Resource Code §21084.3 (b)).
- e.** Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).
- f.** Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

- a.** The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.
- b.** The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

- c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
 - a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
 - b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: <http://nahc.ca.gov/resources/forms/>.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (https://ohp.parks.ca.gov/?page_id=30331) for an archaeological records search. The records search will determine:
 - a. If part or all of the APE has been previously surveyed for cultural resources.
 - b. If any known cultural resources have already been recorded on or adjacent to the APE.
 - c. If the probability is low, moderate, or high that cultural resources are located in the APE.
 - d. If a survey is required to determine whether previously unrecorded cultural resources are present.
2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.

- If you have any questions or need additional information, please contact me at my email address: Pricilla.Torres-Fuentes@NAHC.ca.gov.

Pricilla Torres-Fuentes

cc: State Clearinghouse



April 16, 2024

Jessie Hernandez, Associate Planner Planning Division
City of Fairfield
1000 Webster Street, 2nd Floor
Fairfield, CA 94533

Subject: Response to Notice of Preparation - Recirculated Fairfield General Plan Update 2050

Dear Ms. Hernandez:

The Solano County Orderly Growth Committee has reviewed the City's recirculated Notice of Preparation for the Fairfield General Plan Update 2050 and has the following comments.

Cordelia New Housing (area 2 on map)

One of the alternatives evaluated in the Environmental Impact Report (EIR) shall consider more dense housing that is smaller and more affordable to our residents, including categories such as starter homes, rentals, and even shared housing. (evaluate the demand for shared housing based on analysis of multi-generational families living together, in particular, to reduce their housing costs). We know there is an enormous need for low- and moderate-income housing. Given demand and affordability issues, and a limited supply of vacant land, we need to prioritize higher density. This does not exclude the need for parks and schools to serve this population plus all the climate smart strategies. (Bikes to schools, good pedestrian connectivity, and urban forests.) This area will need a well-thought-out plan to buffer development from wildfire threat.

Cordelia Business Center Drive Area (area 3 and 4 on map).

The City's draft document says housing would be appropriate north of Business Center Drive. Many residents, however, strongly advocate for a neighborhood park, elementary school, and neighborhood retail in this area. One of the alternatives evaluated in the EIR shall analyze using part of this area for a park and school, pressing the school district for collaboration. In addition, the envisioned "destination gateway" at Suisun Valley and Business Center Drive should consider inclusion of a grocery store/neighborhood retail to serve residents in North Cordelia and Suisun Valley. Last a pedestrian/bike bridge should be evaluated at or near the Suisun/Pittman interchange to allow connection of North and South Cordelia residents, SCC students and neighborhood services via a currently missing active transportation link across I-80.

Nelson Hill (area 5 on map).

The draft document calls for a small area of low density residential in this area. One of the alternatives evaluated in the EIR shall evaluate the no-housing scenario. In addition, evaluate the maximum feasible number of units given access issues. Again, consider more dense housing to reduce the footprint or to increase the number of units and affordability. Do not exclude the possibility that this too could be workforce or small, more affordable housing.

Hale Ranch Road study area.

This area is prime farmland. The EIR shall evaluate the loss of prime farmland for food production given increasing issues related to climate change. In addition, the EIR shall evaluate the potential undermining of the Suisun Valley Specific Plan that this proposed change would cause. Furthermore, include a no development scenario for this area.

Heart of Fairfield (area 7 on map).

One of the alternatives in the EIR shall evaluate a higher density scenario for downtown, especially south of Texas Street. Downtown will never thrive as a community hub without a significant population increase. Given its access to a major transportation corridor and a train station, and significant local government employment sites, it merits significantly higher densities to promote affordability and starter housing.

Solano Town Center (area 8 on map).

The General Plan process envisioned the need to reinvent this area. Yet after all the discussion, the text accompanying the map for this area is remarkably vague. Might the City consider a recommendation of a Specific Plan, developed in conjunction with mall ownership and the community, to lay out a framework for the future. It would then need its own programmatic EIR.

North (area 11 on map).

Likewise, the conversion to a “vibrant mixed-use” center in the future is vague and may warrant the development of a separate Specific Plan.

Texas Street (area 9 on map).

The EIR shall evaluate creating more nodes extending as far south as the Armijo High School fields and as far north as Air Base Parkway. One of the alternatives in the EIR shall evaluate a scenario that maximizes housing and open space in these nodes and minimizes commercial given past difficulties in finding users for mixed use portions of projects. Focus the analysis on small so more affordable spaces and as suggested above, consider shared housing. The EIR shall evaluate the benefit of an urban forest and open space as amenities making this area more livable for our residents.

Wildfire Hazards

Wildfire evacuation routes along major arterials shall be evaluated and identified where large areas are dependent on a limited arterial road network. This is the case in the North Cordelia where not only City residents, but also unincorporated areas of Green Valley must access I-80 through a single intersection at Green Valley Road/Business Center Drive.

Voter Approved Urban Limit Line

The EIR shall evaluate the impact of a voter-approved Urban Limit Line, such as was in existence until 2020, to delineate growth and create incentives for more compact and therefore, more economic development scenarios while at the same time protecting valuable agricultural lands and Travis Air Force Base, thus expected to have reduced environmental impacts.

Your truly,

Marilyn Farley
Solano Orderly Growth Committee
mjfarley01@gmail.com
(707) 249-6900 (cell)

c. Bob Berman, Chair



Alison Moore <alison@dyettandbhatia.com>

RE: Public Comments on recirculated NOP for Fairfield General Plan Update 20250 EIR

1 message

Hernandez, Jessie <jhernandez@fairfield.ca.gov>

Tue, Apr 16, 2024 at 7:45 AM

To: Joseph Green-Heffern <jm.greenheffern@gmail.com>

Cc: "alison@dyettandbhatia.com" <alison@dyettandbhatia.com>, "Feinstein, David M" <DFEINSTEIN@fairfield.ca.gov>

Hi,

Thank you for your comments – they have been documented.

Best,

Jessie Hernandez

From: Joseph Green-Heffern <jm.greenheffern@gmail.com>**Sent:** Monday, April 15, 2024 9:24 AM**To:** Hernandez, Jessie <jhernandez@fairfield.ca.gov>**Subject:** Public Comments on recirculated NOP for Fairfield General Plan Update 20250 EIRYou don't often get email from jm.greenheffern@gmail.com. [Learn why this is important](#)**CAUTION:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Jesse Hernandez / Associate Planner- City of Fairfield

(delivered electronically to jhernandez@fairfield.ca.gov)

Date: April 15, 2024

Subject: Public Comments on the
Notice of Preparation - Recirculated Fairfield General Plan Update 2050

Dear Ms. Hernandez:

I have the following comments about the City's recirculated Notice of Preparation for the Fairfield General Plan Update 2050:

Active Transportation

Active Transportation improvements are needed to both achieve Greenhouse Gas reduction goals under the General Plan's Climate Action Plan as well as to improve non-auto access to public and neighborhood retail services from housing, and especially in areas of lower-income, high density housing. The EIR shall evaluate key barriers to active transportation such as the lack of bike/pedestrian over-crossings of I-80 in areas where communities are or may be divided from key public/neighborhood retail resources. The evaluation shall include the Suisun/Pittman Rd. interchange with neither bike nor pedestrian access, and Travis Boulevard with only marginal/unsafe pedestrian access. Both interchanges are in areas of planned growth in high-density housing. Separate bike/pedestrian over crossings shall be evaluated if the interchanges cannot be adapted or replaced in a timely manner - prior to or concurrent with further housing growth.

Funding for Major Transportation Infrastructure

Land use and development decisions by the City and private entities are heavily dependent on the availability and timing of major highway infrastructure improvements needed with development. The EIR shall evaluate the cost and funding options for major transportation improvements needed in the North Cordelia area, including I-80 interchange improvements at Red Top Road and Suisun Valley Roads. The evaluation shall be coordinated with the County since these interchanges serve the unincorporated areas of Green Valley and Suisun Valley as well as those within the City. The EIR shall also evaluate the adequacy of existing development impact fees or other strategies needed to fund these interchange improvements. Conditions of development approval shall include tracking progress to ensure these major transportation infrastructure improvements are completed prior to or concurrent with further development in North Cordelia.

Respectfully,

Joe Green-Heffern, P.E. retired
Fairfield Representative - STA Pedestrian Advisory Committee
[680 Peridot Pl.](#)
[Fairfield, CA 94534](#)
jm.greenheffern@gmail.com



**Delta
Stewardship
Council**

A CALIFORNIA STATE AGENCY

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Jessica R. Pearson

April 19, 2024

Jessie Hernandez
City of Fairfield Planning Division
1000 Webster Street, 2nd Floor
Fairfield, CA 94533

Delivered via: jhernandez@fairfield.ca.gov

RE: Comments on Notice of Preparation of an Environmental Impact Report for the Fairfield Forward 2050: City of Fairfield Comprehensive General Plan Update, Housing Element Update, and Climate Action Plan, SCH# 2021080289

Dear Jessie Hernandez:

Thank you for the opportunity to review and comment on the Fairfield Forward 2050: City of Fairfield Comprehensive General Plan Update, Housing Element Update, and Climate Action Plan Notice of Preparation (NOP) of an Environmental Impact Report (EIR). The Delta Stewardship Council (Council) recognizes the objective of the Fairfield Forward 2050: City of Fairfield Comprehensive General Plan Update, Housing Element Update, and Climate Action Plan (project), to establish the City of Fairfield's (City) overall approach to development, transportation, environmental quality, and other key topics through 2050 and a Climate Action Plan to address community greenhouse gas emissions.

The Council is an independent state agency established by the Sacramento-San Joaquin Delta Reform Act of 2009. (Wat. Code, § 85000 et seq.; Delta Reform Act)

The Delta Reform Act charges the Council with furthering California's coequal goals of providing a more reliable water supply and protecting, restoring, and enhancing the Sacramento-San Joaquin Delta (Delta) ecosystem. (Wat. Code, § 85054.) The Delta Reform Act further states that the coequal goals are to be achieved in a manner that protects and enhances the unique cultural, recreational, natural resource, and agricultural values of the Delta as an evolving place.

The Council is charged with furthering California's coequal goals for the Delta through the adoption and implementation of the Delta Plan, a comprehensive long-term management plan for the Delta and Suisun Marsh. (Wat. Code, § 85300.) The Delta Plan contains regulatory policies, which are set forth in California Code of Regulations, title 23, section 5001 et seq. Through the Delta Reform Act, the Council was granted specific regulatory and appellate authority over certain actions of state or local public agencies that take place in whole or in part in the Delta. (Wat. Code, §§ 85210, 85225, 85225.10.) A state or local agency that proposes to undertake a covered action is required to prepare a written Certification of Consistency with detailed findings as to whether the covered action is consistent with the Delta Plan and submit that certification to the Council prior to implementation of the project. (Wat. Code, § 85225.) The Delta Reform Act also requires the Council to review and provide timely advice to local and regional planning agencies regarding the consistency of local and regional planning documents with the Delta Plan. The Council's input includes, but is not limited to, reviewing the consistency of local and regional planning documents with the ecosystem restoration needs of the Delta and reviewing whether the lands set aside for natural resource protection are sufficient to meet the Delta's ecosystem needs. (Wat. Code, § 85212.)

COVERED ACTION DETERMINATION AND CERTIFICATION OF CONSISTENCY WITH THE DELTA PLAN

Based on the project location and scope, as provided in the NOP, the proposed project may meet the definition of a covered action. Water Code section 85057.5(a) states that a covered action is a plan, program, or project, as defined pursuant to the California Environmental Quality Act (CEQA) in Public Resources Code section 21065, that meets all of the following conditions:

(1) Will occur, in whole or in part, within the boundaries of the Delta or Suisun Marsh; The General Plan Planning Area includes lands

within the Suisun Marsh, and thus, the project would occur in part within the boundaries of the Suisun Marsh.

(2) Will be carried out, approved, or funded by a state or a local public agency; General Plan 2050 and the EIR would be approved and carried out by the City, a local agency.

(3) Is covered by one of the provisions of the Delta Plan. As described below, the project is covered by multiple Delta Plan regulatory policies.

(4) Will have a significant impact on achievement of one or both of the coequal goals or the implementation of government-sponsored flood control programs to reduce risks to people, property, and state interests in the Delta. The project may have a significant impact on the achievement of the coequal goal to protect, restore, and enhance the Delta ecosystem and the implementation of government-sponsored flood control programs in the Delta.

The state or local agency approving, funding, or carrying out a covered action is required to file a Certification of Consistency with the Council prior to project implementation. (Wat. Code, § 85225; Cal. Code Regs., tit. 23, § 5001(k)(3).)

COMMENTS REGARDING DELTA PLAN POLICIES AND POTENTIAL CONSISTENCY CERTIFICATION

The following section describes the Delta Plan regulatory policies that may apply to the proposed project based on the available information in the NOP. This information is offered to assist the City in preparing environmental documents that could be used to support a Certification of Consistency for the project. This information may also assist the City in describing the relationship between the proposed project and the Delta Plan in the project's EIR.

General Policy 1: Detailed Findings to Establish Consistency with the Delta Plan

Delta Plan Policy **G P1** (Cal. Code Regs., tit. 23, § 5002.) specifies what is required to be addressed in a Certification of Consistency by a project proponent of a project that is a covered action. The following is a subset of policy requirements that a project is required to fulfill to be considered consistent with the Delta Plan:

Mitigation Measures

Delta Plan Policy **G P1(b)(2)** (Cal. Code Regs., tit. 23, § 5002(b)(2).) requires covered actions not exempt from CEQA to include all applicable feasible mitigation measures adopted and incorporated into the Delta Plan as amended April 26, 2018, unless the measures are within the exclusive jurisdiction of an agency other than the agency that files the Certification of Consistency, or substitute mitigation measures that the agency finds are equally or more effective. These mitigation measures are identified in Delta Plan Appendix O and are available at: <https://deltacouncil.ca.gov/pdf/delta-plan/2018-appendix-o-mitigation-monitoring-and-reporting-program.pdf>.

If the City's EIR identifies significant impacts that require mitigation, the City should review Appendix O and include all applicable feasible mitigation measures adopted and incorporated into the Delta Plan or identify substitute mitigation measures that the City finds are equally or more effective.

Best Available Science

Delta Plan Policy **G P1(b)(3)** (Cal. Code Regs., tit. 23, § 5002(b)(3).) states that actions subject to Delta Plan regulations are required to document the use of best available science as relevant to the purpose and nature of the project. The Delta Plan defines best available science as “the best scientific information and data for informing management and policy decisions.” (Cal. Code Regs, tit. 23, § 5001 (f).) Best available science is also required to be consistent with the guidelines and criteria in Appendix 1A of the Delta Plan (<https://deltacouncil.ca.gov/pdf/delta-plan/2015-appendix-1a.pdf>).

Delta as Place Policy 1: Locate New Urban Development Wisely

Delta Plan Policy **DP P1** (Cal. Code Regs., tit. 23, § 5010.) places certain limits on new urban development within the Delta and Suisun Marsh. As it applies to the proposed project, Policy DP P1 states that new residential, commercial, or industrial development is required to be limited to areas that city or county general plans designate for residential, commercial, and industrial development in cities or their spheres of influence as of the date of the Delta Plan's adoption on May 16, 2013. This policy is intended to strengthen existing communities while protecting farmland and open space, providing land for ecosystem restoration needs, and reducing flood risk.

The City should acknowledge Policy DP P1 in the regulatory setting for the Land Use and Planning section of the EIR, as well as in the growth inducement discussion.

The EIR should document how the proposed project is consistent with Policy DP P1 and analyze how the proposed project would avoid the potential to induce new residential, commercial, or industrial development in the Suisun Marsh that would be inconsistent with this policy.

Delta as Place Policy 2: Respect Local Land Use when Siting Water or Flood Facilities or Restoring Habitats

Delta Plan Policy **DP P2** (Cal. Code Regs., tit. 23, § 5011.) reflects one of the Delta Plan's charges to protect the Delta as an evolving place by siting water management facilities, ecosystem restoration, and flood management infrastructure to avoid or reduce conflicts with existing or planned future land uses when feasible, considering comments from local agencies and the Delta Protection Commission.

The City should acknowledge Policy DP P2 in the regulatory setting for the Land Use, Agricultural Resources, Transportation and Utilities sections of the EIR. The EIR should describe the project process to avoid or reduce conflicts with existing or planned future land uses.

CLOSING COMMENTS

As the City proceeds with design, development, and environmental impact analysis of the project, the Council invites the City to engage Council staff in early consultation, prior to submittal of a Certification of Consistency, to discuss project features and mitigation measures that would promote consistency with the Delta Plan.

More information on covered actions, early consultation, and the certification process can be found on the Council website, <https://coveredactions.deltacouncil.ca.gov>. Council staff are available to discuss issues outlined in this letter as the City proceeds in the next stages of its project and approval processes. Please contact Eva Bush at (916) 284-1619 or eva.bush@deltacouncil.ca.gov with any questions.

Sincerely,



Jeff Henderson, AICP
Deputy Executive Officer

California Department of Transportation

DISTRICT 4
OFFICE OF TRANSIT AND COMMUNITY PLANNING
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Governor's Office of Planning & Research

September 16, 2021

September 16 2021

STATE CLEARINGHOUSE

SCH #: 2021080289
GTS #: 04-SOL-2021-00214
GTS ID: 24022
Co/Rt/Pm: SOL/VAR

Amy Kreimeier, Senior Planner
City of Fairfield
1000 Webster Avenue, 2nd Floor
Fairfield, CA 94533

Re: Fairfield Forward 2050: City of Fairfield Comprehensive General Plan Update, Housing Element Update, and Climate Action Plan Notice of Preparation (NOP)

Dear Amy Kreimeier:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the Fairfield Forward 2050: City of Fairfield Comprehensive General Plan Update, Housing Element Update, and Climate Action Plan. We are committed to ensuring that impacts to the State's multimodal transportation system and to our natural environment are identified and mitigated to support a safe, sustainable, integrated and efficient transportation system. The following comments are based on our review of the August 2021 NOP.

Project Understanding

The project proposes to update the City of Fairfield's (City) General Plan, including the Housing Element, which will establish the City's overall approach to development, transportation, environmental quality, and other key topics through 2050. The City is also preparing a Climate Action Plan to address community greenhouse gas (GHG) emissions. The project encompasses the entire City of Fairfield.

Travel Demand Analysis

With the enactment of Senate Bill (SB) 743, Caltrans is focused on maximizing efficient development patterns, innovative travel demand reduction strategies, and multimodal improvements. For more information on how Caltrans assesses Transportation Impact Studies, please review Caltrans' [Transportation Impact Study Guide](#).

If the project meets the screening criteria established in the City's adopted Vehicle Miles Traveled (VMT) policy to be presumed to have a less-than-significant VMT impact and exempt from detailed VMT analysis, please provide justification to support the exempt status in align with the City's VMT policy. Projects that do not meet the screening criteria should include a detailed VMT analysis in the Draft Environmental Impact Report (DEIR), which should include the following:

- VMT analysis pursuant to the City's guidelines. Projects that result in automobile VMT per capita above the threshold of significance for existing (i.e. baseline) city-wide or regional values for similar land use types may indicate a significant impact. If necessary, mitigation for increasing VMT should be identified. Mitigation should support the use of transit and active transportation modes. Potential mitigation measures that include the requirements of other agencies such as Caltrans are fully enforceable through permit conditions, agreements, or other legally-binding instruments under the control of the City.
- A schematic illustration of walking, biking and auto conditions at the project site and study area roadways. Potential safety issues for all road users should be identified and fully mitigated.
- The project's primary and secondary effects on pedestrians, bicycles, travelers with disabilities and transit performance should be evaluated, including countermeasures and trade-offs resulting from mitigating VMT increases. Access to pedestrians, bicycle, and transit facilities must be maintained.

Additionally, Caltrans requests that the Travel Demand Analysis examine the impacts of the construction of the proposed Jepson Pkwy. Extension outlined in the Plan Bay Area 2050 Regional Transportation Plan.

Mitigation Strategies

Location efficiency factors, including community design and regional accessibility, influence a project's impact on the environment. Using Caltrans' *Smart Mobility 2010: A Call to Action for the New Decade*, the proposed project site is identified as a Suburban Community Center where community design is moderate and regional accessibility is variable.

Given the place, type and size of the project, the Draft Environmental Impact Report (DEIR) should include a robust Transportation Demand Management (TDM) Program to reduce VMT and greenhouse gas emissions from future development in this area. The measures listed below have been quantified by California Air Pollution Control Officers Association (CAPCOA) and shown to have different efficiencies reducing regional VMT:

- Transit access supporting infrastructure (including bus shelter improvements and sidewalk/ crosswalk safety facilities);
- New development vehicle parking reductions;
- Implementation of a neighborhood electric vehicle (EV) network, including designated parking spaces for EVs;
- Designated parking spaces for a car share program;
- Unbundled parking;
- Wayfinding and bicycle route mapping resources;
- Participation/Formation in/of a Transportation Management Association (TMA) in partnership with other developments in the area;
- Aggressive trip reduction targets with Lead Agency monitoring and enforcement;
- VMT Banking and/or Exchange program; and/or
- Area or cordon pricing.

Using a combination of strategies appropriate to the project and the site can reduce VMT, along with related impacts on the environment and State facilities. TDM programs should be documented with annual monitoring reports by a TDM coordinator to demonstrate effectiveness. If the project does not achieve the VMT reduction goals, the reports should also include next steps to take in order to achieve those targets.

Please reach out to Caltrans for further information about TDM measures and a toolbox for implementing these measures in land use projects. Additionally, Federal Highway Administration's Integrating Demand Management into the Transportation Planning Process: A Desk Reference (Chapter 8). The reference is available online at: <http://www.ops.fhwa.dot.gov/publications/fhwahop12035/fhwahop12035.pdf>.

Congestion Management

Caltrans requests the City determine how the proposed development of undeveloped and agricultural land designated for Residential and Commercial land uses is consistent with the Williamson Act. Caltrans requests the City determine the City of Fairfield General Plan Update is consistent with California Government Code Section 65088-65089.10 Congestion Management. Additionally, Caltrans requests the City receive a determination of conformity from the Solano Transportation Authority to determine the City of Fairfield General Plan Update is consistent with and conforms to the Regional Transportation Plan Consistency Requirements of the Solano Congestion Management Plan (CMP).

Transportation Impact Fees

Caltrans encourages a sufficient allocation of fair share contributions toward multimodal and regional transit improvements to fully mitigate cumulative impacts to regional transportation. We also strongly support measures to increase sustainable mode shares, thereby reducing VMT. Caltrans welcomes the opportunity to work with

the City and local partners to secure the funding for needed mitigation. Traffic mitigation- or cooperative agreements are examples of such measures.

Caltrans also recommends that the City encourage developers to make fair share contributions to the following Regional Transportation Plan (Plan Bay Area 2013) projects if it is determined the City of Fairfield General Plan Update would have significant impacts on these facilities, travel modes, and programs:

RTP ID	Project Description
17-08-0044/0059	I-80 Express Lanes (Red Top Rd. to I-505): construct approximately 18 miles of managed lanes in the I-80 corridor through conversion of existing HOV lanes to express lanes from west of Red Top Road to east of Air Base Parkway and highway widening for new express lanes from east of Air Base Parkway to east of I-505
17-08-0061	I-80/I-680/SR 12 Interchange - widen to add express lane direct connectors I-80 westbound to I-680 southbound and I-680 northbound to I-80 eastbound. This complements the larger interchange project of RTP ID 17-08-0009.
17-08-0009	I-80/I-680/SR 12 Interchange (Packages 2-7): provide direct connectivity from I-680 NB to SR12 WB, widens I-680 and I-80 near the Interchange, and improves connections to Red Top road off-ramp. Express lane direct connectors are included in RTPID 17-10-0061.
17-08-0011	Provide auxiliary lanes on I-80 in eastbound and westbound directions from I-680 to Airbase Parkway
17-08-0017	I-80 WB Truck Scales Relocation Project: Upgrades existing WB truck scales and truck scales located on the most congested freeway segment of I-80 in Solano County. Scales are outdated and cannot process the current and future truck volumes on WB I-80. Trucks are slow to enter and leave the scales because of short ramps, adding to existing traffic congestion and safety issues on I-80.
17-08-0008	This category includes projects that improve roadway, intersection, or interchange operations, ITS, as well as other

	transportation system management. This project also includes a realigning of SR 113 around downtown Dixon to I-80.
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Lead Agency

As the Lead Agency, the City of Fairfield is responsible for all project mitigation, including any needed improvements to the State Transportation Network (STN). The project's fair share contribution, financing, scheduling, implementation responsibilities and lead agency monitoring should be fully discussed for all proposed mitigation measures.

Equitable Access

If any Caltrans facilities are impacted by the project, those facilities must meet American Disabilities Act (ADA) Standards after project completion. As well, the project must maintain bicycle and pedestrian access during construction. These access considerations support Caltrans' equity mission to provide a safe, sustainable, and equitable transportation network for all users.

Thank you again for including Caltrans in the environmental review process. Should you have any questions regarding this letter, please contact Nick Hernandez at nick.hernandez@dot.ca.gov. Additionally, for future notifications and requests for review of new projects, please email LDIGR-D4@dot.ca.gov.

Sincerely,



MARK LEONG
District Branch Chief
Local Development - Intergovernmental Review

c: State Clearinghouse



Solano Local Agency Formation Commission

675 Texas St. Ste. 6700 • Fairfield, California 94533
(707) 439-3897 • FAX: (707) 438-1788

*Original via USPS, copy
via email*

August 30, 2021

Amy Kreimeier, Senior Planner
Community Development Department
City of Fairfield
1000 Webster Street
Fairfield, CA 94533
akreimeier@fairfield.ca.gov

Subject: Fairfield Forward 2050: City of Fairfield General Plan Update – Program
Environmental Impact Report

Dear Ms. Kreimeier:

Thank you for the opportunity to comment on the City of Fairfield's (City) Notice of Preparation (NOP) for the Environmental Impact Report (EIR) for the Fairfield General Plan Update (Project). This opportunity is particularly important since, pursuant to the California Environmental Quality Act (CEQA) and CEQA Guidelines (Article 715096(d)), the Local Agency Formation Commission of Solano County (LAFCO) is a responsible agency. As a responsible agency, LAFCO should review and comment on environmental documents for projects which it would later be asked to approve such as city growth outside existing city boundary contemplated by the General Plan (GP).

The NOP indicates that the Project is a GP Update. Although the Project Setting description identifies the existing Sphere of Influence (SOI), the NOP does not expressly include any consideration of an SOI Update for the City or of anticipated annexations. By excluding these discretionary LAFCO decisions from the scope of the Project, the City may be limiting the usefulness of the GP and EIR to support LAFCO actions necessary for City growth.¹ LAFCO strongly recommends the City expands the scope of the EIR to include the City's SOI Update and future anticipated annexations,

¹ For example, the City of Vacaville utilized their GPEIR for the SOI Update and have been processing annexation applications that reaffirm their GP EIR.

Commissioners

Ron Rowlett, Chair • John Vasquez, Vice-Chair • Harry Price • Nancy Shopay • Jim Sperling

Alternate Commissioners

Ron Kott • Mitch Mashburn

Staff

Rich Seithel, Executive Officer • Jeffrey Lum, Analyst II • P. Scott Browne, Legal Counsel

especially in the next five years, to save time and expense.

Should the City decide to expand the scope of the EIR to support the City's future SOI Update and anticipated annexations, then the GP and EIR should address LAFCO's SOI and annexation requirements. Those needs and concerns are set forth in the following sixteen comments:

1. The Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 (CKH) Government Code Sections 56000 *et seq.* governs LAFCO decision-making. CKH establishes that one of LAFCO's primary missions is to prevent premature conversion of prime agricultural land. CKH has its own definition of "Prime Agricultural Land." This definition is much broader than the standard often used by consultants in analyzing agricultural impacts. If the EIR for the GP Update is to be useful for LAFCO decision-making, then the EIR must provide information about prime agricultural lands and mitigations that are consistent with the LAFCO standard. CKH Government Code Section (GC §) 56064 defines prime agricultural land, and it is attached for your reference.
2. CKH §56377 imposes a duty on LAFCO to discourage annexations that involve conversion of Prime Agricultural Land where there is adequate land for development within the existing city boundaries. In order for LAFCO to make the findings necessary to support annexation of Prime Agricultural Land to the City, LAFCO must have the following information:
 - a. A detailed vacant land inventory within the City boundaries and within the proposed SOI that provides information on the zoning and probable development potential of each vacant parcel per §56425 (e)(1).
 - b. A professional absorption analysis based on historical growth patterns in the City which determines how quickly the vacant land within the City is likely to be developed and how soon additional land will need to be added to the City to meet growth needs per LAFCO Standard No. 8.
3. The City should provide analysis and discussion with respect to the conversion of open-space lands pursuant to GC §56377, "open-space" as defined by GC §56064, §65560. City should provide an analysis of the availability of developable land located within the City limits and the proposed SOI that does not meet prime agricultural land or land devoted to open space uses as defined by LAFCO standards.
4. The City should provide analysis and discussion on the present and probable need for public facilities and services within City limits and the proposed SOI per §56425 (e)(1).
5. The City should provide analysis and discussion on the present capacity of public facilities and adequacy of public services the City provides within City

limits and the proposed SOI per §56425 (e)(3). These services include but are not limited to: sewer, fire, police, water, parks and recreation, storm water, animal control, public waste, etc. The analysis should consider the growth projected in the GP and explain how the City intends to fund and expand services to serve the growth.

6. LAFCO is required under §56668 (g) to consider the annexation proposal's impact and consistency with the Regional Transportation Plan. The GP Update and EIR should address regional transportation impacts of projected growth, including the impact on Interstate Highway 80.
7. The City should provide analysis and discussion with respect to the existence of any social or economic communities of interest and any disadvantaged unincorporated communities (DUC) as defined by GC §56033.5 within the City's proposed SOI.
8. LAFCO is required under §56668 (m) to consider with any annexation proposal: "The extent to which the proposal will affect a city or cities and the county in achieving their respective fair shares of the regional housing needs as determined by the appropriate council of governments consistent with Article 10.6 (commencing with Section 65580) of Chapter 3 of Division 1 of Title 7." To assist LAFCO in complying with this requirement, the GP and EIR should address the GP's impact on regional housing needs.
9. The City should identify any islands of unincorporated territory within the City that meet the criteria set forth by GC §56375.3.
10. The City should identify their proposed "Near and Long-Term Sphere" areas. Solano LAFCO defines Near Term Sphere as areas the City anticipates to annex in the next five years. Long Term Sphere is defined as consisting of unincorporated territory that is more likely to be annexed within 5-20 years.
11. LAFCO's Sphere of Influence Policy discourages inclusion of land in an agency's Long Term SOI if a need for services provided by that agency within a 5-20-year period cannot be demonstrated. To demonstrate that a proposed SOI amendment is timely, the City should indicate the expected absorption and development rates for lands within the proposed SOI.
12. The City should provide analysis and discussion on the purpose of the proposed Area of Concern. The City should provide to LAFCO the specific reason to request special consideration of these areas as required by LAFCO's Sphere of Influence Policy.
13. The City should identify on an exhibit the total number of acres in their proposed Short-Term Sphere, Long-Term Sphere, and Area of Concern and

amount of acreage that meets the CKH definition of "Prime Agricultural Land."²

14. The City should identify all lands under a Williamson Act contract within the City's proposed SOI. Lands under a Williamson Act contract should be identified on a list by parcel as well as on a map exhibit. The City should provide information on the status of the individual contracts. Note that pursuant to GC §56426.6, the LAFCO Commission cannot approve a change to the City's SOI of territory that is subject to a Williamson Act contract unless it meets specific criterion.
15. The City should provide analysis and discussion with respect to the City's current and proposed job-housing balance ratio. The City should cite their source for the data used in calculating its projection.
16. The City should provide analysis and discussion on their proposed land-use consistency with the Solano County Airport Land Use Commission's Policies in relation to Travis Air Force Base (TAFB) and the TAFB Sustainability Study.

We appreciate the opportunity to comment on the subject environmental document. We hope you consider our comments of expanding the scope of the EIR to address LAFCO's Sphere of Influence and annexation needs so that the EIR is useful in streamlining future annexation projects. Please contact LAFCO staff should you have any questions.

Sincerely,



Rich Seithel
Executive Officer
Rseithel@solanolafco.com

Attachment 1: GC §56064

cc: Solano County Administrator
Resource Management
Solano Transportation Authority
Solano Irrigation District
Solano Airport Land Use Commission
Solano County Ag Commissioner

² See attached Govt. Code Sec 56064

GOVERNMENT CODE - GOV

TITLE 5. LOCAL AGENCIES [50001 - 57607]

(Title 5 added by Stats. 1949, Ch. 81.)

**DIVISION 3. CORTESE-KNOX-HERTZBERG LOCAL GOVERNMENT
REORGANIZATION ACT OF 2000 [56000 - 57550]**

(Heading of Division 3 amended by Stats. 2001, Ch. 388, Sec. 1.)

PART 1. GENERAL [56000 - 56160]

(Part 1 added by Stats. 1985, Ch. 541, Sec. 3.)

CHAPTER 2. Definitions [56010 - 56081]

(Chapter 2 added by Stats. 1985, Ch. 541, Sec. 3.)

56064.

“Prime agricultural land” means an area of land, whether a single parcel or contiguous parcels, that has not been developed for a use other than an agricultural use and that meets any of the following qualifications:

- (a) Land that qualifies, if irrigated, for rating as class I or class II in the USDA Natural Resources Conservation Service land use capability classification, whether or not land is actually irrigated, provided that irrigation is feasible.
- (b) Land that qualifies for rating 80 through 100 Storie Index Rating.
- (c) Land that supports livestock used for the production of food and fiber and that has an annual carrying capacity equivalent to at least one animal unit per acre as defined by the United States Department of Agriculture in the National Range and Pasture Handbook, Revision 1, December 2003.
- (d) Land planted with fruit or nut-bearing trees, vines, bushes, or crops that have a nonbearing period of less than five years and that will return during the commercial bearing period on an annual basis from the production of unprocessed agricultural plant production not less than four hundred dollars (\$400) per acre.
- (e) Land that has returned from the production of unprocessed agricultural plant products an annual gross value of not less than four hundred dollars (\$400) per acre for three of the previous five calendar years.

(Amended by Stats. 2007, Ch. 244, Sec. 3. Effective January 1, 2008.)

September 10, 2021

Amy Kreimeier, Senior Planner
Planning Division
1000 Webster Street, Second Floor
Fairfield, CA 94533

via email to: akreimeier@fairfield.ca.gov

Subject: Scoping Comments regarding Fairfield Forward 2050 Environmental Impact Report (EIR)

Dear Ms. Kreimeier and Planning Commission,

As called for in the Notice of Preparation dated August 16, 2021, this letter provides my public comments to be considered in development of the Program EIR for the City of Fairfield's Comprehensive General Plan Update, Housing Element Update, and Climate Action Plan.

The EIR should include evaluations of the following items:

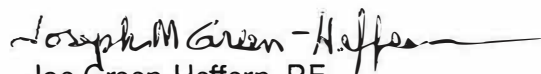
- Consistency with Regional Land Use Plans including the recently released Plan Bay Area 2050, and the existing Solano County Orderly Growth Policy contained in the Solano County General Plan.
- Consistency with Regional Transportation Plans, including Solano Transportation Authority's recent Active Transportation Plan that includes a chapter for the City of Fairfield, and also the California State Rail Plan that calls for a passenger rail connection by 2040 between Solano and Marin Counties, in collaboration with SMART.
- Availability of local retail (specifically including grocery stores and pharmacies) and schools within a walkable distance (defined as less than 1 mile) from housing. This should be measured by the population captured within a 3/4-mile radius from grocery stores, pharmacies, elementary and middle schools.
- Availability of public transportation (bus and train stops with a weekday service frequency of 1 hour or less) within a walkable distance (defined as less than 1 mile) from housing. This should be measured by the population captured within a 3/4-mile radius from such public transportation stops.
- Potential impacts to farmland including that in Suisun Valley and Green Valley.
- Resilience to Sea Level Rise (SLR) to mid-century, and Adaptability to SLR to end-of-century, with consideration of flooding due to backwater effects from SLR on local waterways during hydrologic flooding events. The evaluations should utilize *SLR projections per BCDC July 2021 guidance for medium to high risk aversion*, coupled with the 1/100-year and 1/500-year hydrologic flooding events. While this SLR analysis extends beyond the FF2050 planning horizon, it is reasonably foreseeable and necessary to protect public safety and critical infrastructure, and avoid land uses that are difficult to relocate, over the coming century.

The EIR shall include evaluation of alternatives that incorporate the following elements in either the Proposed Plan or one or more of the Alternatives being considered;

- Renewal of the City of Fairfield's existing Urban Growth Boundary that was previously approved by voters.
- Prohibition of new development/facilities in areas subject to hydrologic flooding under the 1/500-year flood event coupled with 2100 SLR projections, and planned protection or relocation of existing critical infrastructure and residential areas from those areas by 2050.
- Zoning and development permit preferences and incentives for projects that provide walkability (less than 1 mile) between housing and local schools/local retail/parks/transit stops.
- Formal adoption of STA's Active Transportation Plan chapter covering the City of Fairfield.
- Accommodation of a SMART passenger and freight rail connection from Solano to Marin by 2040, including provisions for improved access from the Heart of Fairfield to the AMTRAK connection at Suisun City, designation of a future station location in the Cordelia area, and with any rezoning within a 3/4 mile radius of these stations toward multi-use and transit-oriented development.

Thank you for your consideration of these items.

Respectfully,



Joe Green-Heffern, P.E.

Fairfield Representative / STA Pedestrian Advisory Committee
Member / Solano County Orderly Growth Committee
Vice-President / Turnstone Homeowners Association

680 Peridot Pl.
Fairfield, CA 94534
jm.greenheffern@gmail.com



NATIVE AMERICAN HERITAGE COMMISSION

August 18, 2021

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NAHC HEADQUARTERS
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Re: 2021080289, Fairfield Forward 2050: City of Fairfield Comprehensive General Plan Update, Housing Element Update, and Climate Action Plan Project, Solano County

Dear Ms. Kreimeier:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, § 15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

- 1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project:** Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:
 - a. A brief description of the project.
 - b. The lead agency contact information.
 - c. Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
 - d. A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).
- 2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report:** A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).
 - a. For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).
- 3. Mandatory Topics of Consultation If Requested by a Tribe:** The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:
 - a. Alternatives to the project.
 - b. Recommended mitigation measures.
 - c. Significant effects. (Pub. Resources Code §21080.3.2 (a)).
- 4. Discretionary Topics of Consultation:** The following topics are discretionary topics of consultation:
 - a. Type of environmental review necessary.
 - b. Significance of the tribal cultural resources.
 - c. Significance of the project's impacts on tribal cultural resources.
 - d. If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).
- 5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process:** With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).
- 6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document:** If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:
 - a. Whether the proposed project has a significant impact on an identified tribal cultural resource.
 - b. Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

- 7. Conclusion of Consultation:** Consultation with a tribe shall be considered concluded when either of the following occurs:
- a.** The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or
 - b.** A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).
- 8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document:** Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).
- 9. Required Consideration of Feasible Mitigation:** If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).
- 10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:**
- a.** Avoidance and preservation of the resources in place, including, but not limited to:
 - i.** Planning and construction to avoid the resources and protect the cultural and natural context.
 - ii.** Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.
 - b.** Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:
 - i.** Protecting the cultural character and integrity of the resource.
 - ii.** Protecting the traditional use of the resource.
 - iii.** Protecting the confidentiality of the resource.
 - c.** Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.
 - d.** Protecting the resource. (Pub. Resource Code §21084.3 (b)).
 - e.** Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).
 - f.** Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).
- 11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource:** An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:
- a.** The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.
 - b.** The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.
 - c.** The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. **Tribal Consultation:** If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. **No Statutory Time Limit on SB 18 Tribal Consultation.** There is no statutory time limit on SB 18 tribal consultation.
3. **Confidentiality:** Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. **Conclusion of SB 18 Tribal Consultation:** Consultation should be concluded at the point in which:
 - a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
 - b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: <http://nahc.ca.gov/resources/forms/>.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (http://ohp.parks.ca.gov/?page_id=1068) for an archaeological records search. The records search will determine:
 - a. If part or all of the APE has been previously surveyed for cultural resources.
 - b. If any known cultural resources have already been recorded on or adjacent to the APE.
 - c. If the probability is low, moderate, or high that cultural resources are located in the APE.
 - d. If a survey is required to determine whether previously unrecorded cultural resources are present.
2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
 - a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.

b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:

a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.

b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.

a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, § 15064.5(f) (CEQA Guidelines § 15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.

b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.

c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code § 7050.5, Public Resources Code § 5097.98, and Cal. Code Regs., tit. 14, § 15064.5, subdivisions (d) and (e) (CEQA Guidelines § 15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address:
Katy.Sanchez@nahc.ca.gov.

Sincerely,



Katy Sanchez
Associate Environmental Planner

cc: State Clearinghouse



NATIVE AMERICAN HERITAGE COMMISSION

March 5, 2024

Alison Moore
Dyett & Bhatia

Via Email to: alison@dyettandbhatia.com

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COMMISSIONER
Laurena Bolden
Serrano

COMMISSIONER
Reid Milanovich
Cahuilla

COMMISSIONER
Vacant

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok, Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710

Re: Native American Consultation, Pursuant to Senate Bill 18 (SB18), Government Codes §65352.3 and §65352.4, as well as Assembly Bill 52 (AB52), Public Resources Codes §21080.1, §21080.3.1 and §21080.3.2, SB 18 and AB 52 Tribal Consultation List Project, Solano County

Dear Ms. Moore:

Attached is a consultation list of tribes with traditional lands or cultural places located within the boundaries of the above referenced counties or projects.

Government Codes §65352.3 and §65352.4 require local governments to consult with California Native American tribes identified by the Native American Heritage Commission (NAHC) for the purpose of avoiding, protecting, and/or mitigating impacts to cultural places when creating or amending General Plans, Specific Plans and Community Plans.

Public Resources Codes §21080.3.1 and §21080.3.2 requires public agencies to consult with California Native American tribes identified by the Native American Heritage Commission (NAHC) for the purpose of avoiding, protecting, and/or mitigating impacts to tribal cultural resources as defined, for California Environmental Quality Act (CEQA) projects.

The law does not preclude local governments and agencies from initiating consultation with the tribes that are culturally and traditionally affiliated within your jurisdiction. The NAHC believes that this is the best practice to ensure that tribes are consulted commensurate with the intent of the law.

Best practice for the AB52 process and in accordance with Public Resources Code §21080.3.1(d), is to do the following:

Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section.

The NAHC also recommends, but does not require that lead agencies include in their notification letters, information regarding any cultural resources assessment that has been completed on the area of potential affect (APE), such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:
 - A listing of any and all known cultural resources have already been recorded on or adjacent to the APE, such as known archaeological sites;
 - Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;
 - Whether the records search indicates a low, moderate or high probability that unrecorded cultural resources are located in the APE; and
 - If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.
2. The results of any archaeological inventory survey that was conducted, including:
 - Any report that may contain site forms, site significance, and suggested mitigation measures.

All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure in accordance with Government Code Section 6254.10.
3. The result of the Sacred Lands File (SFL) check conducted through the Native American Heritage Commission was positive. Please contact the tribes on the attached list for more information.
4. Any ethnographic studies conducted for any area including all or part of the potential APE; and
5. Any geotechnical reports regarding all or part of the potential APE.

Lead agencies should be aware that records maintained by the NAHC and CHRIS is not exhaustive, and a negative response to these searches does not preclude the existence of a tribal cultural resource. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the event, that they do, having the information beforehand will help to facilitate the consultation process.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance we can assure that our consultation list remains current.

If you have any questions, please contact me at my email address:

Pricilla.Torres-Fuentes@nahc.ca.gov.

Sincerely,

Pricilla Torres-Fuentes

Pricilla Torres-Fuentes
Cultural Resources Analyst

Attachment

Appendix C: Stationary Sources of Air Pollution

Facility_I	Facility_N	Address	Details	Cancer_Ris	Chronic_Ha	PM_2_5	LOC	AMB_RISK
148.0000000000	Ball Metal Beverage Container Corp	2400 Huntington Drive	No Data	6.4770000000	11.6220000000	2.2720000000	CL	Stationary Source Exceeding BAAQMD Threshold
606.0000000000	Anheuser-Busch LLC	3101 Busch Drive	No Data	19.3450000000	0.6070000000	12.8450000000	CL	Stationary Source Exceeding BAAQMD Threshold
809.0000000000	Ramos Oil Co Inc	744 N Texas Street	No Data	0.1690000000	0.0010000000	0.0000000000	CL	Stationary Source
1606.0000000000	City of Fairfield	1000 Webster Street	No Data	19.8760000000	0.1100000000	2.1880000000	CL	Stationary Source Exceeding BAAQMD Threshold
1811.0000000000	Clorex Products Manufacturing Company	2600 Huntington Drive	Generator	1.7720000000	0.0000000000	0.0020000000	CL	Stationary Source
1995.0000000000	Solano County Facilities Operations	501 Delaware Street	Generator	81.9230000000	0.5590000000	2.5330000000	CL	Stationary Source Exceeding BAAQMD Threshold
2039.0000000000	Potrero Hills Landfill Inc	3675 Potrero Hills Lane	No Data	58.9010000000	0.3540000000	165.5680000000		
2168.0000000000	Jelly Belly Candy Company	One Jelly Belly Lane	No Data	42.0630000000	0.0500000000	0.0680000000	CL	Stationary Source Exceeding BAAQMD Threshold
2288.0000000000	Solano Community College	4000 Suisun Valley Rd	No Data	0.1560000000	0.0020000000	0.0030000000		
3719.0000000000	City of Fairfield	420 Gregory Street	Generator	2.0870000000	0.0020000000	0.0030000000	CL	Stationary Source
4429.0000000000	NorthBay Medical Center	1200 Gale Wilson Blvd	No Data	137.1190000000	1.4940000000	3.4330000000	CL	Stationary Source Exceeding BAAQMD Threshold
4508.0000000000	Protek Collision	1205 N Texas St	No Data	0.0000000000	0.0040000000	0.0000000000	CL	Stationary Source
4621.0000000000	Syar Industries	4969 Vanden Road	No Data	0.0000000000	0.0000000000	1.0110000000	CL	Stationary Source Exceeding BAAQMD Threshold
4658.0000000000	E B Stone & Son Inc	6111 Lambie Road	No Data	0.0000000000	0.0000000000	2.7150000000	CL	Stationary Source Exceeding BAAQMD Threshold
5167.0000000000	Sunpol Resins & Polymers Inc	2475 Crocker Circle	No Data	0.0130000000	0.0000000000	0.0340000000	CL	Stationary Source
5342.0000000000	CEMEX Pacific Holdings LLC	4132 Cordelia Road	No Data	0.0000000000	0.0000000000	0.9520000000		
5591.0000000000	Waterman WTP (City of Fairfield)	2900 Vista Grande	No Data	1.2220000000	0.0020000000	0.0280000000	CL	Stationary Source
5791.0000000000	Fairmont Memorial Park	1901 Union Avenue	No Data	30.3090000000	2.7140000000	0.0450000000	CL	Stationary Source Exceeding BAAQMD Threshold
5878.0000000000	Solano County Health and Social Services	2101 Courage Street	Generator	8.1930000000	0.0020000000	0.0110000000	CL	Stationary Source
7175.0000000000	Rudy's Auto Body Inc	1510 Humphrey Dr	No Data	0.0000000000	0.0010000000	0.0000000000		
7519.0000000000	Pacific Bell	2525 N Watney Way	Generator	169.5030000000	0.3020000000	0.2060000000	CL	Stationary Source Exceeding BAAQMD Threshold
7958.0000000000	Bubbling Well Pet Memorial Park Inc	5054 Peabody Road	No Data	40.8790000000	1.5570000000	0.6330000000	CL	Stationary Source Exceeding BAAQMD Threshold
8285.0000000000	Tekni Kolor Body & Paint	1702 Enterprise Dr Ste 1	No Data	0.0000000000	0.0000000000	0.0000000000	CL	Stationary Source
11117.0000000000	Pauli Systems Inc	1820 Walters Court	No Data	0.0000000000	0.0000000000	0.0000000000	CL	Stationary Source
11863.0000000000	Dependable Plastics and Pattern	4900 Fulton Drive	No Data	0.0000000000	0.0000000000	0.0000000000	CL	Stationary Source
12848.0000000000	David Grant Medical Center	101 Bodin Circle	No Data	204.0860000000	0.3730000000	1.0780000000	CL	Stationary Source Exceeding BAAQMD Threshold
13026.0000000000	Pacific Gas & Electric	425 Beck Avenue	Generator	88.1000000000	0.2580000000	0.1100000000	CL	Stationary Source Exceeding BAAQMD Threshold
13034.0000000000	Universal Propulsion Company Inc	3530 Brancombe Road	No Data	80.0390000000	0.1610000000	0.1270000000		
13460.0000000000	Pacific Bell	249 Lapes Road Cordelia	Generator	3.8050000000	0.0060000000	0.0050000000	CL	Stationary Source
13467.0000000000	Pacific Bell	738 Webster	Generator	16.8890000000	0.0260000000	0.0220000000	CL	Stationary Source Exceeding BAAQMD Threshold
13548.0000000000	Pacific Bell	534 Parker	Generator	2.2560000000	0.0030000000	0.0030000000	CL	Stationary Source
13849.0000000000	California Highway Patrol(Solano)Accts Pyble	3050 Travis Boulevard	Generator	0.0140000000	0.0000000000	0.0000000000	CL	Stationary Source
14245.0000000000	Fairfield-Suisun Sewer District (Suisun Pump Sta)	755 Civic Center Blvd	Generator	13.1780000000	0.0040000000	0.0180000000		
14246.0000000000	Fairfield-Suisun Sewer Dist Cord-Beck-Chad Pump St	2104 Cordelia Road	Generator	7.7070000000	0.0020000000	0.0100000000		
14247.0000000000	Fairfield-Suisun Sewer District (Cordelia Pump Sta)	4530 Cordelia Road	Generator	7.1350000000	0.0020000000	0.0100000000		
14248.0000000000	Fairfield-Suisun Sewer District (Central Pump Sta)	915 Illinois Street	Generator	8.2140000000	0.0020000000	0.0110000000	CL	Stationary Source
14249.0000000000	Fairfield-Suisun Sewer Dist (Lop s Rd Pump Sta)	4795 Lopes Road	Generator	0.9180000000	0.0010000000	0.0010000000	CL	Stationary Source
14250.0000000000	Fairfield-Suisun Sewer Dist Lawler Rnch II Pump St	1159 Lawler Ranch Pkwy	Generator	0.4890000000	0.0000000000	0.0010000000		
14314.0000000000	Solano County Facilities	530 Union Avenue	Generator	31.3010000000	0.0080000000	0.0420000000	CL	Stationary Source Exceeding BAAQMD Threshold
14315.0000000000	Solano County Facilities	Claybank Road	No Data	5.6420000000	0.0150000000	0.0070000000	CL	Stationary Source
14316.0000000000	Judicial Council of California JCC 48-A1	600 Union Avenue	Generator	20.7500000000	0.0060000000	0.0280000000	CL	Stationary Source Exceeding BAAQMD Threshold
14319.0000000000	Solano County Facilities	701 Texas Street	Generator	13.7880000000	0.0200000000	0.0180000000	CL	Stationary Source Exceeding BAAQMD Threshold
14511.0000000000	Gillroy Energy Center LLC (Wolfskill Energy Ctr)	2425 Cordelia Road	No Data	4.7250000000	0.0340000000	8.1720000000		
14525.0000000000	City of Fairfield	Gay Rd & Red Top Rd	Generator	0.9530000000	0.0090000000	0.0010000000	CL	Stationary Source
14526.0000000000	City of Fairfield	Blackhawk Place & Rancho Solano	Generator	0.4150000000	0.0090000000	0.0010000000	CL	Stationary Source
14554.0000000000	Hilton Garden-Fairfield	2200 Gateway Court	Generator	0.0530000000	0.0000000000	0.0000000000	CL	Stationary Source
14683.0000000000	Centurylink Communications LLC	95 Cordelia Road	Generator	1.4660000000	0.0020000000	0.0020000000		
14776.0000000000	Level 3 Communications	106 Railroad Avenue	Generator	295.2260000000	0.0790000000	0.3970000000		
14812.0000000000	City of Vallejo Water Division	4675 Green Valley Road	Generator	51.0100000000	0.0790000000	0.0660000000		
14866.0000000000	Crash Champions LLC	1950 Walters Ct	No Data	0.0000000000	0.0020000000	0.0000000000	CL	Stationary Source
15256.0000000000	City of Fairfield	2600 Solano Foothills Dr	Generator	0.6370000000	0.0010000000	0.0010000000	CL	Stationary Source
15276.0000000000	Sanctuary Zone 4 Pump Station (City of Fairfield)	Ridgewood Cir & Turnberry Dr	Generator	0.0270000000	0.0000000000	0.0000000000	CL	Stationary Source
15561.0000000000	Comcast Cable Corporation	2270 Boynton Avenue	Generator	5.6640000000	0.0020000000	0.0080000000	CL	Stationary Source
15598.0000000000	AXA Rosenberg Global Services LLC	1111 Western Street	Generator	2.9180000000	0.0010000000	0.0040000000	CL	Stationary Source
15670.0000000000	City of Fairfield/North Bay Regional Water	5110 Water Works Lane	No Data	2.4340000000	0.0040000000	0.0030000000	CL	Stationary Source
15737.0000000000	Waterman WTP (City of Fairfield)	5315 Bayridge Drive	Generator	1.4020000000	0.0020000000	0.0020000000	CL	Stationary Source
15802.0000000000	Woodline Cabinets	5165 Fulton Drive	No Data	0.0060000000	0.0010000000	0.0110000000	CL	Stationary Source
15869.0000000000	Sutter Valley Medical Foundation	2700 Low Court	Generator	1.0440000000	0.0000000000	0.0010000000	CL	Stationary Source
15878.0000000000	Target Corporation - T0675	2059 Cadenasso Drive	Generator	0.0040000000	0.0000000000	0.0000000000	CL	Stationary Source
16183.0000000000	Suisun - Solano Water Authority Sports Complex	4499 Petersen Road	Generator	2.0160000000	0.0010000000	0.0030000000		
16184.0000000000	Solano County Juvenile Detention Facility	740 Beck Avenue	Generator	0.4080000000	0.0000000000	0.0010000000	CL	Stationary Source
16253.0000000000	Macy's West Stores Inc	1544 Travis Boulevard	Generator	0.5610000000	0.0000000000	0.0010000000	CL	Stationary Source
16307.0000000000	Abbott Nutrition	2302 Courage Drive	No Data	0.0000000000	0.0000000000	0.4040000000	CL	Stationary Source Exceeding BAAQMD Threshold
16391.0000000000	JC Penny Company Store #J0334-3	1330 Travis Boulevard	No Data	0.0000000000	0.0000000000	0.0000000000	CL	Stationary Source
16525.0000000000	Verizon Wireless (HWY 680-Cordelia)	1010 Chadbourne Road	Generator	3.0340000000	0.0070000000	0.0040000000		
16762.0000000000	AT&T Mobility /AT&T Services	1010 Chadbourne Rd Ste #211	Generator	4.1320000000	0.0010000000	0.0060000000	CL	Stationary Source
16913.0000000000	Verizon Wireless (Travis Air Force Base)	2851 Dobe Lane	Generator	0.8120000000	0.0010000000	0.0010000000		
16927.0000000000	Fairfield-Suisun Sewer District	3098 Pebble Beach Cir	Generator	1.6090000000	0.0030000000	0.0020000000		
17175.0000000000	Fairfield-Suisun Sewer District	2900 Pebble Beach Cir	Generator	0.4780000000	0.0000000000	0.0010000000	CL	Stationary Source
17367.0000000000	Verizon Wireless (Fairfield)	2439 Cordelia Road	Generator	0.7320000000	0.0020000000	0.0010000000		
17448.0000000000	Costco Wholesale #453	5101 Business Center Dr	Generator	0.7530000000	0.0000000000	0.0010000000	CL	Stationary Source
17571.0000000000	Ardaigh Group	2600 Stanford Court	Generator	4.4590000000	0.0010000000	0.0060000000	CL	Stationary Source
17657.0000000000	Lodi Gas Storage LLC	Kirby Hill	No Data	23.7620000000	0.1190000000	21.9370000000		
17723.0000000000	Jaackel's Body and Paint	1122 Western St Ste 14	No Data	0.0000000000	0.0000000000	0.0000000000	CL	Stationary Source
17738.0000000000	MCI	97 Cordelia Road	Generator	0.6810000000	0.0000000000	0.0010000000		
17746.0000000000	City of Fairfield	1901 Goldhill Road	Generator	3.6100000000	0.0010000000	0.0050000000	CL	Stationary Source
17747.0000000000	City of Fairfield	1815 Cresthaven Court	Generator	3.8000000000	0.0010000000	0.0050000000	CL	Stationary Source
17857.0000000000	City of Suisun City-Fire Dept	621 Pintail Drive	Generator	0.0000000000	0.0000000000	0.0000000000		
17876.0000000000	Solano Irrigation District	1200 Manuel Campos Pkwy	Generator	24.5170000000	0.0070000000	0.0330000000	CL	Stationary Source Exceeding BAAQMD Threshold
17995.0000000000	Verizon Wireless (Rancho Solano)	3001 Pebble Beach Pkwy	Generator	3.4980000000	0.0040000000	0.0050000000	CL	Stationary Source
18164.0000000000	Verizon Wireless (North Fairfield)	3220 N Texas Street	Generator	0.0040000000	0.0000000000	0.0000000000	CL	Stationary Source
18230.0000000000	Fairfield Chevrolet Cadillac Isuzu Truck	2525 Martin Road	No Data	0.0000000000	0.0000000000	0.0000000000	CL	Stationary Source
18292.0000000000	Paradise Valley Estates	2600 Estates Drive	Generator	33.7900000000	0.0090000000	0.0450000000	CL	Stationary Source Exceeding BAAQMD Threshold
18650.0000000000	The Home Depot Store #0637	2121 Cadenasso Drive	Generator	2.6480000000	0.0010000000	0.0040000000	CL	Stationary Source
18773.0000000000	NBHQ LP	4500 Business Center Dr	Generator	6.7600000000	0.0020000000	0.0090000000	CL	Stationary Source
18807.0000000000	California Highway Patrol Cordelia Insp Facility	3895 Interstate 80 Cordelia Scales	Generator	2.6390000000	0.0010000000	0.0040000000	CL	Stationary Source
18879.0000000000	Allied Crematory	409 Railroad Ave Ste B	No Data	0.0040000000	0.0000000000	0.0110000000		
18940.0000000000	CEMEX Pacific Holdings LLC	1601 Cement Hill Road	No Data	0.0000000000	0.0000000000	2.5190000000	CL	Stationary Source Exceeding BAAQMD Threshold
19102.0000000000	Verizon Wireless-Fairfield MSC	2545 N Watney Way	Generator	96.4410000000	0.0260000000	0.1300000000	CL	Stationary Source Exceeding BAAQMD Threshold
19136.0000000000	Kaiser Permanente	1550 Gateway Boulevard	Generator	1.8090000000	0.0000000000	0.0020000000	CL	Stationary Source

Facility_I	Facility_N	Address	Details	Cancer_Ris	Chronic_Ha	PM_2_5	LOC	AMB_RISK
19315.000000000000	MAACO Collision Repair & Auto	1055 Horizon Dr	No Data	0.000000000000	0.002000000000	0.000000000000	CL	Stationary Source
19404.000000000000	Fairfield Fire	3200 N Texas Street	Generator	12.185000000000	0.003000000000	0.016000000000	CL	Stationary Source Exceeding BAAQMD Threshold
19405.000000000000	Fairfield Fire	1200 Kentucky Street	Generator	16.806000000000	0.005000000000	0.023000000000	CL	Stationary Source Exceeding BAAQMD Threshold
19517.000000000000	Solano County	2201 Courage Drive	Generator	2.245000000000	0.001000000000	0.003000000000	CL	Stationary Source
19647.000000000000	City of Suisun City	701 Civic Center Blvd	Generator	1.568000000000	0.000000000000	0.002000000000		
19673.000000000000	Verizon Wireless(Jameson Canyon)	3855 Lynch Road Cordelia	Generator	3.692000000000	0.006000000000	0.005000000000		
19705.000000000000	Kiewit	4650 Business Center Dr	Generator	2.945000000000	0.001000000000	0.004000000000	CL	Stationary Source
20032.000000000000	Frank-Lin Distillers	2455 Huntington Drive	No Data	2.588000000000	0.006000000000	0.003000000000	CL	Stationary Source
20092.000000000000	Fairfield-Suisun Sewer District - Kaiser Dr Pump	441 Kaiser Dr Business Center Driv	Generator	0.826000000000	0.001000000000	0.001000000000		
20139.000000000000	Potrero Hills Energy Producers LLC	3675 Potrero Hills Lane	No Data	4.291660000000	3.739000000000	55.883000000000		
20354.000000000000	Sacramento Prestige Gunitte LLC	5052 Peabody Road	No Data	0.000000000000	0.000000000000	0.000000000000	CL	Stationary Source
20391.000000000000	Caliber Collision Center	1851 Woolmer Ave	No Data	0.000000000000	0.000000000000	0.000000000000	CL	Stationary Source
20407.000000000000	East Bay Tire Company	2200 Huntington Drive	Generator	4.421000000000	0.008000000000	0.006000000000	CL	Stationary Source
20445.000000000000	Walmart #2048	2701 N Texas Street	Generator	2.816000000000	0.004000000000	0.004000000000	CL	Stationary Source
20451.000000000000	Solano County Fleet Management	3255 N Texas Street	Generator	0.419000000000	0.001000000000	0.001000000000	CL	Stationary Source
20466.000000000000	Verizon Wireless (RailRoad South)	521 Railroad Avenue	Generator	1.003000000000	0.001000000000	0.001000000000		
20500.000000000000	New Cingular Wireless PCS LLC dba AT&T Mobility	Manuel Campos Parkway	Generator	1.050000000000	0.000000000000	0.001000000000	CL	Stationary Source
20754.000000000000	Verizon Wireless (HWY 680/Gold Hill)	3360 Ramsey Road	Generator	0.241000000000	0.003000000000	0.000000000000		
20872.000000000000	City of Fairfield	E Side of Peabody Rd	Generator	4.324000000000	0.001000000000	0.006000000000	CL	Stationary Source
20953.000000000000	Integrity Auto Collision Center Fairfield Inc	1891 WOOLNER AVE STE C	No Data	0.000000000000	0.002000000000	0.000000000000	CL	Stationary Source
20999.000000000000	Lowe's HW Inc	3400 N Texas Street	Generator	1.136000000000	0.015000000000	0.001000000000	CL	Stationary Source
21168.000000000000	E&P Properties Inc	2290 Cordelia Road	Generator	0.651000000000	0.000000000000	0.001000000000	CL	Stationary Source
21270.000000000000	Judicial Council of California JCC 48-A3	580 Texas Street	Generator	3.846000000000	0.001000000000	0.005000000000	CL	Stationary Source
21337.000000000000	Crash Champions LLC	885 Beck Ave	No Data	0.000000000000	0.002000000000	0.000000000000	CL	Stationary Source
21373.000000000000	G & C Auto Body	2011 N Texas St	No Data	0.000000000000	0.002000000000	0.000000000000	CL	Stationary Source
21598.000000000000	City of Fairfield	2435 Cordelia Road	Generator	0.760000000000	0.000000000000	0.001000000000		
21643.000000000000	Toray Advanced Composites ADS	2450 Cordelia Road	No Data	0.000000000000	0.000000000000	0.000000000000	CL	Stationary Source
21751.000000000000	Hero Protective Alloys Inc	400 Watt Drive	No Data	0.038000000000	0.004000000000	0.000000000000	CL	Stationary Source
22196.000000000000	CVIHC Fairfield I LLC c/o Buzz Oates Mgmt Services	2925 Cordelia Road	Generator	1.635000000000	0.005000000000	0.002000000000	CL	Stationary Source
22208.000000000000	City of Vallejo Water Division	383 Fairchild Drive	No Data	0.207000000000	0.000000000000	0.000000000000	CL	Stationary Source
22438.000000000000	G & C Auto Body DBA Klimisch Collision - Fairfield	1350 N Texas St	No Data	0.000000000000	0.000000000000	0.000000000000	CL	Stationary Source
22711.000000000000	Verizon Wireless - Hwy 80 Travis	1350 Holiday Lane	Generator	0.667000000000	0.001000000000	0.001000000000	CL	Stationary Source
23294.000000000000	Safeway Inc #1127	2401 Waterman Blvd	Generator	0.015000000000	0.000000000000	0.000000000000	CL	Stationary Source
23378.000000000000	Strategic Materials Inc	299 Beck Avenue	No Data	0.000000000000	0.000000000000	8.287000000000	CL	Stationary Source Exceeding BAAQMD Threshold
23415.000000000000	Fairfield Fire Department	Lopes Rd & Red Top Rd	Generator	0.123000000000	0.000000000000	0.000000000000	CL	Stationary Source
23637.000000000000	Ardaugh Metal Beverage USA Inc	2433 Crocker Circle	No Data	0.122000000000	4.976000000000	0.881000000000	CL	Stationary Source Exceeding BAAQMD Threshold
23679.000000000000	Pick-n-Pull Auto Dismantlers - Fairfield #11	4659 Airbase Parkway	No Data	0.090000000000	0.000000000000	0.000000000000	CL	Stationary Source
23944.000000000000	The Olive Oil Factory	770 Chadbourne Road	Generator	1.104000000000	0.000000000000	0.001000000000	CL	Stationary Source
24071.000000000000	Producers Dairy	199 Red Top Road	No Data	217.036000000000	0.337000000000	0.572000000000	CL	Stationary Source Exceeding BAAQMD Threshold
24117.000000000000	Journey Cafes Inc dba Journey Coffee Co	370 Chadbourne Road	No Data	0.029000000000	0.000000000000	0.001000000000	CL	Stationary Source
24154.000000000000	Lowenberg Corporation	2100 Courage Drive	Generator	2.685000000000	0.004000000000	0.004000000000	CL	Stationary Source
24172.000000000000	Meyer Corporation	2280 Cordelia Road	Generator	3.750000000000	0.007000000000	0.005000000000	CL	Stationary Source
24406.000000000000	California Water Service Company	411 Airman Dr Bldg 1514	Generator	0.064000000000	0.000000000000	0.000000000000	CL	Stationary Source
24488.000000000000	Univar Solutions USA Inc	2461 Crocker Circle	No Data	0.034000000000	0.003000000000	0.068000000000	CL	Stationary Source
24642.000000000000	Jerry LeMasters	3903 Green Valley Rd	Generator	0.000000000000	0.000000000000	0.000000000000	CL	Stationary Source
100818.000000000000	Flyers Valero	4444 Central Place Cordelia	Gas Dispensing Facility	17.470000000000	0.076000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
100944.000000000000	H&S Energy Products LLC #3042 - Chevron	4720 Gold Hill Rd	Gas Dispensing Facility	49.724000000000	0.216000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
104654.000000000000	ARCO Facility #0695	2329 N Texas St	Gas Dispensing Facility	45.809000000000	0.199000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
104667.000000000000	Travis AFB (BLDG 170 S Gas Station)	Building 170	Gas Dispensing Facility	39.480000000000	0.171000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
105493.000000000000	BX Service Station (BLDG 171 Travis AFB)	Building 171	Gas Dispensing Facility	84.456000000000	0.366000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
105505.000000000000	Star Gas & Liquor	1369 N Texas St	Gas Dispensing Facility	14.602000000000	0.063000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
106098.000000000000	County of Solano	3255 N Texas St	Gas Dispensing Facility	3.442000000000	0.015000000000	0.000000000000	CL	Stationary Source
106099.000000000000	County of Solano A: Fleet Management	447 Texas St	Gas Dispensing Facility	2.872000000000	0.012000000000	0.000000000000	CL	Stationary Source
106834.000000000000	North Bay Plumbing Inc	1651 Cement Hill Rd	Gas Dispensing Facility	0.202000000000	0.001000000000	0.000000000000	CL	Stationary Source
106857.000000000000	Fairfield Goffland Limited Partnership dba Scandia Goffland	4300 CENTRAL PL	Gas Dispensing Facility	0.106000000000	0.000000000000	0.000000000000	CL	Stationary Source
106862.000000000000	City of Fairfield-Corporation Yard	420 Gregory Ln	Gas Dispensing Facility	2.823000000000	0.012000000000	0.000000000000	CL	Stationary Source
106888.000000000000	City of Fairfield Police Dept	1000 Webster St	Gas Dispensing Facility	2.867000000000	0.012000000000	0.000000000000	CL	Stationary Source
106943.000000000000	Solano Community College	4000 SUI SUN VALLEY RD	Gas Dispensing Facility	0.227000000000	0.001000000000	0.000000000000		
107242.000000000000	California Highway Patrol-Solano	3050 Travis Boulevard	Gas Dispensing Facility	2.095000000000	0.009000000000	0.000000000000	CL	Stationary Source
107244.000000000000	Fairfield Rental Services Inc	2525 Clay Bank Rd	Gas Dispensing Facility	0.064000000000	0.000000000000	0.000000000000	CL	Stationary Source
107631.000000000000	CA Dept of Trans /Fairfield Maint Sta	2019 W Texas St	Gas Dispensing Facility	0.387000000000	0.002000000000	0.000000000000	CL	Stationary Source
107831.000000000000	Rancho Solano Golf Facilities	3249 Cherry Valley Dr	Gas Dispensing Facility	0.091000000000	0.000000000000	0.000000000000	CL	Stationary Source
108025.000000000000	Travis Unified S D	2751 De Ronde Dr	Gas Dispensing Facility	0.161000000000	0.001000000000	0.000000000000	CL	Stationary Source
108302.000000000000	Green Valley Country Club	35 Country Club Dr	Gas Dispensing Facility	0.081000000000	0.000000000000	0.000000000000		
108932.000000000000	Fairfield Gas Mart	1530 W Texas St	Gas Dispensing Facility	15.875000000000	0.069000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
109001.000000000000	Paradise Valley Golf Course	4333 Paradise Valley Rd	Gas Dispensing Facility	0.074000000000	0.000000000000	0.000000000000	CL	Stationary Source
109062.000000000000	Fairfield Union 76	1400 W Texas St	Gas Dispensing Facility	11.825000000000	0.051000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
109389.000000000000	Suisun Union 76	115 Sunset Ave	Gas Dispensing Facility	19.980000000000	0.087000000000	0.000000000000		
109468.000000000000	Chevron	1600 N Texas St	Gas Dispensing Facility	1.892000000000	0.008000000000	0.000000000000	CL	Stationary Source
109714.000000000000	Fairfield Chevron	2990 Travis Boulevard	Gas Dispensing Facility	60.696000000000	0.263000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
109728.000000000000	Southland 7-Eleven S5# 32180	801 Sunset Ave	Gas Dispensing Facility	9.452000000000	0.041000000000	0.000000000000		
109735.000000000000	Bonfare Market	890 E Travis Blvd	Gas Dispensing Facility	30.387000000000	0.132000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
109763.000000000000	H&S Energy Products LLC #3048 - Chevron	4155 Suisun Valley Road	Gas Dispensing Facility	20.133000000000	0.087000000000	0.000000000000		
110544.000000000000	Texas Petroleum Inc dba West Texas Gas	1247 Texas St	Gas Dispensing Facility	10.607000000000	0.046000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
110709.000000000000	Costco Wholesale #453	5101 BUSINESS CENTER DR	Gas Dispensing Facility	181.118000000000	0.786000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
110715.000000000000	Bonfare Market #31	2301 Walters Rd	Gas Dispensing Facility	10.588000000000	0.046000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
110717.000000000000	Bonfare Market #37	1500 Peterson Road	Gas Dispensing Facility	31.027000000000	0.135000000000	0.000000000000		
110790.000000000000	H&S Energy Products LLC #2047 - Chevron	4490 CENTRAL WAY	Gas Dispensing Facility	38.883000000000	0.169000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
110895.000000000000	ASHRIA LLC	1200 Anderson Dr	Gas Dispensing Facility	25.595000000000	0.111000000000	0.000000000000		
110995.000000000000	Fairfield Shell	1300 Travis Blvd	Gas Dispensing Facility	18.104000000000	0.079000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
110996.000000000000	Quik Stop Market #159	2985 Peabody Rd	Gas Dispensing Facility	32.733000000000	0.142000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
111181.000000000000	Fairfield-Suisun USD	2470 Clay Bank Rd	Gas Dispensing Facility	0.582000000000	0.003000000000	0.000000000000	CL	Stationary Source
111271.000000000000	Fairfield Valero	2395 N Texas St	Gas Dispensing Facility	12.654000000000	0.055000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold
111569.000000000000	Ishaq Trading Corporation/Sunset Chevron	113 Sunset Ave	Gas Dispensing Facility	5.273000000000	0.023000000000	0.000000000000		
111771.000000000000	A & A Gas Inc. dba A & A Gas and Food mart	1009 Oliver Rd	Gas Dispensing Facility	83.178000000000	0.361000000000	0.000000000000	CL	Stationary Source Exceeding BAAQMD Threshold

Facility_I	Facility_N	Address	Details	Cancer_Ris	Chronic_Ha	PM_2_5	LOC	AMB_RISK
112081.0000000000	Travis Blvd	3000 Travis Boulevard	Gas Dispensing Facility	86.9420000000	0.3770000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112089.0000000000	Gaviola Enterprises Inc. DBA Fairfield Valero	2595 N Texas St	Gas Dispensing Facility	43.0530000000	0.1870000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112101.0000000000	ARCO	105 Lopes Rd	Gas Dispensing Facility	34.6620000000	0.1500000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112136.0000000000	H&S Energy Products LLC #3043 - Chevron	119 Red Top Road	Gas Dispensing Facility	45.1000000000	0.1960000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112143.0000000000	Diamond Petroleum Inc dba Marina Arco	299 Marina Blvd	Gas Dispensing Facility	78.2890000000	0.3400000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112192.0000000000	7-Eleven #34158	4449 Central Pl	Gas Dispensing Facility	72.2290000000	0.3130000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112250.0000000000	Cordelia Shell	4450 Central Way	Gas Dispensing Facility	33.8690000000	0.1470000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112252.0000000000	North Texas Shell	3345 N Texas St	Gas Dispensing Facility	35.2690000000	0.1530000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112368.0000000000	ARCO AM/PM	134 PITTMAN RD	Gas Dispensing Facility	49.9360000000	0.2170000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112428.0000000000	Sunset Shell	200 Sunset Ave	Gas Dispensing Facility	22.0930000000	0.0960000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112443.0000000000	ARCO Facility #02184	3650 Nelson Rd	Gas Dispensing Facility	101.7090000000	0.4410000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112522.0000000000	Chevron	385 Parker Rd	Gas Dispensing Facility	11.8810000000	0.0520000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112595.0000000000	W Texas Valero	1740 W TEXAS ST	Gas Dispensing Facility	22.9620000000	0.1000000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
112612.0000000000	Cal Petroleum Inc	1051 Oliver Rd	Gas Dispensing Facility	71.7630000000	0.3110000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
200016.0000000000	CarMax #6048 (Fairfield)	2955 Auto Mall Pkwy	Gas Dispensing Facility	0.9620000000	0.0040000000	0.0000000000	CL	Stationary Source
200027.0000000000	City of Suisun	800 Kellogg St	Gas Dispensing Facility	0.1600000000	0.0010000000	0.0000000000	CL	Stationary Source
200045.0000000000	Walters Road Arco	2051 WALTERS RD	Gas Dispensing Facility	79.3950000000	0.3450000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
200059.0000000000	Chevron Station #371534	3355 N Texas St	Gas Dispensing Facility	60.3810000000	0.2620000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold
200363.0000000000	Cordelia Winery LLC	2650 CORDELIA RD	No Data	12.7800000000	0.0040000000	0.0170000000	CL	Stationary Source
200389.0000000000	Gateway 80 Owner LP	2920 CORDELIA RD	Generator	8.2080000000	0.0020000000	0.0110000000	CL	Stationary Source
200404.0000000000	Rolling Frito-Lay Sales LP	2500 CROCKER CIR	Generator	6.9950000000	0.0020000000	0.0090000000	CL	Stationary Source
200522.0000000000	Caliber Collision Center	2353 AUTO MALL PKWY	No Data	0.0000000000	0.0020000000	0.0000000000	CL	Stationary Source
200814.0000000000	City of Fairfield	4921 VANDEN RD	Generator	1.1890000000	0.0000000000	0.0020000000	CL	Stationary Source
200881.0000000000	P W Fund A LP	2975 CORDELIA RD	Generator	4.8670000000	0.0010000000	0.0070000000	CL	Stationary Source
200909.0000000000	Partnership Health Plan of California	4605 BUSINESS CENTER DR	Generator	32.4670000000	0.0090000000	0.0040000000	CL	Stationary Source Exceeding BAAQMD Threshold
201289.0000000000	Meyer Corporation	2001 MEYER WAY	Generator	20.4010000000	0.0050000000	0.0270000000	CL	Stationary Source Exceeding BAAQMD Threshold
201373.0000000000	suisun city gas and food inc	1951 WALTERS RD	Gas Dispensing Facility	1.8360000000	0.0080000000	0.0000000000	CL	Stationary Source
202034.0000000000	Rubens Precision Automotive	2135 N TEXAS ST	No Data	0.0090000000	0.0030000000	0.0000000000	CL	Stationary Source
0.0000000000	Universal Propulsion Company Inc	3530 Branscombe Road	Gas Dispensing Facility	1.9620000000	0.0090000000	0.0000000000	CL	Stationary Source
0.0000000000	Fairfield-Suisun Sewer District	1010 Chadbourne Road	Gas Dispensing Facility	0.1340000000	0.0010000000	0.0000000000	CL	Stationary Source
0.0000000000	Fairfield-Suisun Sewer District	1010 Chadbourne Road	Generator	0.6390000000	0.0010000000	0.0010000000	CL	Stationary Source
0.0000000000	Fairfield-Suisun Sewer District	1010 Chadbourne Road	Generator	3.1990000000	0.0030000000	0.0040000000	CL	Stationary Source
0.0000000000	Fairfield-Suisun Sewer District	1010 Chadbourne Road	Generator	0.0510000000	0.0000000000	0.0000000000	CL	Stationary Source
0.0000000000	Fairfield-Suisun Sewer District	1010 Chadbourne Road	Generator	18.1460000000	0.0330000000	0.0220000000	CL	Stationary Source Exceeding BAAQMD Threshold
0.0000000000	Fairfield-Suisun Sewer District	1010 Chadbourne Road	Generator	8.9660000000	0.0160000000	0.0110000000	CL	Stationary Source
0.0000000000	Fairfield-Suisun Sewer District	1010 Chadbourne Road	Generator	2.4140000000	0.0060000000	0.0030000000	CL	Stationary Source
0.0000000000	Fairfield-Suisun Sewer District	1010 Chadbourne Road	Generator	36.4780000000	0.1090000000	0.0430000000	CL	Stationary Source Exceeding BAAQMD Threshold
0.0000000000	Fairfield-Suisun Sewer District	1010 Chadbourne Road	Generator	18.3330000000	0.0740000000	0.0220000000	CL	Stationary Source Exceeding BAAQMD Threshold
0.0000000000	Fairfield-Suisun Sewer District	1010 Chadbourne Road	Generator	18.3860000000	0.0750000000	0.0210000000	CL	Stationary Source Exceeding BAAQMD Threshold
0.0000000000	Fairfield-Suisun Sewer District	1010 Chadbourne Road	No Data	138.3540000000	0.3580000000	3.3270000000	CL	Stationary Source Exceeding BAAQMD Threshold
0.0000000000	Potrero Hills Landfill Inc	3675 Potrero Hills Lane	Gas Dispensing Facility	20.9550000000	0.0910000000	0.0000000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	0.4140000000	0.0010000000	0.0010000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	1.6970000000	0.0050000000	0.0020000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	2.8100000000	0.0040000000	0.0030000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Gas Dispensing Facility	6.7320000000	0.0290000000	0.0000000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	18.0130000000	0.0290000000	0.0220000000	CL	Stationary Source Exceeding BAAQMD Threshold
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	3.0030000000	0.0050000000	0.0040000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	0.3620000000	0.0010000000	0.0000000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	0.3070000000	0.0000000000	0.0000000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	3.3770000000	0.0040000000	0.0040000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	3.0390000000	0.0040000000	0.0040000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	1.4380000000	0.0020000000	0.0020000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	1.7540000000	0.0020000000	0.0020000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	1.7190000000	0.0020000000	0.0020000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	5.8170000000	0.0080000000	0.0070000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	4.7510000000	0.0150000000	0.0060000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	4.4540000000	0.0070000000	0.0050000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	2.5730000000	0.0040000000	0.0030000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	3.1810000000	0.0040000000	0.0040000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	0.4320000000	0.0060000000	0.0010000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	6.6870000000	0.0230000000	0.0080000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	0.6640000000	0.0010000000	0.0010000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	9.6990000000	0.0220000000	0.0120000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	15.8620000000	0.0200000000	0.0200000000	CL	Stationary Source Exceeding BAAQMD Threshold
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	5.7240000000	0.0100000000	0.0070000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	2.7670000000	0.0060000000	0.0030000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	5.7860000000	0.0220000000	0.0070000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	5.7240000000	0.0100000000	0.0070000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	10.0460000000	0.0160000000	0.0120000000	CL	Stationary Source Exceeding BAAQMD Threshold
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	3.9350000000	0.0060000000	0.0050000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	1.3390000000	0.0030000000	0.0020000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	1.2760000000	0.0030000000	0.0020000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	3.8040000000	0.0070000000	0.0050000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	12.4140000000	0.0200000000	0.0150000000	CL	Stationary Source Exceeding BAAQMD Threshold
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	9.8980000000	0.0270000000	0.0120000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	13.5910000000	0.0280000000	0.0170000000	CL	Stationary Source Exceeding BAAQMD Threshold
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	16.7820000000	0.0310000000	0.0200000000	CL	Stationary Source Exceeding BAAQMD Threshold
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	7.6860000000	0.0120000000	0.0090000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	7.7340000000	0.0120000000	0.0090000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	Generator	8.0650000000	0.0120000000	0.0100000000	CL	Stationary Source
0.0000000000	Travis AFB	Travis AFB Building 706	No Data	57.6210000000	0.1360000000	0.0730000000	CL	Stationary Source Exceeding BAAQMD Threshold
0.0000000000	Ramos Oil Co Inc	744 N Texas Street	Gas Dispensing Facility	21.6690000000	0.0940000000	0.0000000000	CL	Stationary Source Exceeding BAAQMD Threshold

Appendix D: Historic, Cultural, and Tribal Resources Correspondence

CALIFORNIA HISTORICAL RESOURCES INFORMATION SYSTEM



ALAMEDA
COLUSA
CONTRA COSTA
DEL NORTE

HUMBOLDT
LAKE
MARIN
MENDOCINO
MONTEREY
NAPA
SAN BENITO

SAN FRANCISCO
SAN MATEO
SANTA CLARA
SANTA CRUZ
SOLANO
SONOMA
YOLO

Northwest Information Center
Sonoma State University
1400 Valley House Drive, Suite 210
Rohnert Park, California 94928-3609
Tel: 707.588.8455
nwic@sonoma.edu
<https://nwic.sonoma.edu>

ACCESS AGREEMENT SHORT FORM

File Number:

I, the the undersigned, have been granted access to historical resources information on file at the Northwest Information Center of the California Historical Resources Information System.

I understand that any CHRIS Confidential Information I receive shall not be disclosed to individuals who do not qualify for access to such information, as specified in Section III(A-E) of the CHRIS Information Center Rules of Operation Manual, or in publicly distributed documents without written consent of the Information Center Coordinator.

I agree to submit historical Resource Records and Reports based in part on the CHRIS information released under this Access Agreement to the Information Center within sixty (60) calendar days of completion.

I agree to pay for CHRIS services provided under this Access Agreement within sixty (60) calendar days of receipt of billing.

I understand that failure to comply with this Access Agreement shall be grounds for denial of access to CHRIS Information.

Print Name:	<input type="text" value="Alison Moore"/>	Date:	<input type="text"/>
Signature:	<input type="text"/>		
Affiliation:	<input type="text" value="Dyett & Bhatia"/>		
Address:	<input type="text"/>	City/State/ZIP:	<input type="text"/>
Billing Address (if different from above):	<input type="text"/>		
Special Billing Information	<input type="text"/>		
Telephone:	<input type="text" value="(713) 818-4815"/>	Email:	<input type="text" value="alison@dyettandbhatia.com"/>
Purpose of Access:	<input type="text"/>		
Reference (project name or number, title of study, and street address if applicable):			
<input type="text" value="City of Fairfield General Plan Update"/>			
County:	<input type="text" value="SOL"/>	USGS 7.5' Quads:	<input type="text" value="Fairfield North & South, Elmira, Denverton, Cordelia"/>

****This is not an invoice. Sonoma State University will send separate Invoice****



May 31, 2024

NWIC File No.: 23-1360

Alison Moore
Dyett & Bhatia
4001 Howe Street
Oakland, CA 94611

Re: Record search results for the proposed City of Fairfield [GPU] General Plan Update

Dear Alison Moore:

Per your request received by our office on the 22nd of March, 2024, a records search was conducted for the above referenced project by reviewing pertinent Northwest Information Center (NWIC) base maps that reference cultural resources records and reports, historic-period maps, and literature for Solano County. Please note that use of the term cultural resources includes both archaeological resources and historical buildings and/or structures.

The Planning Area where development may feasibly occur includes the City of Fairfield (approximately 41 square miles), its Sphere of Influence (SOI) (approximately 11 square miles), and an area of approximately ~0.15 square miles just to the west of Hale Ranch Road in the unincorporated County. The SOI is generally coterminous with the City boundary but includes a handful of areas surrounding the City limits, with the largest section located in the northeast area of the City limits, adjacent to Travis Air Force Base. The City is surrounded by undeveloped hills on its western and northern borders. To its east and northeast are grazing and prairie grasslands. Suisun Valley, one of the county's most productive and intensive agricultural regions, adjoins Fairfield and separates the central city from the Cordelia planning area. Additionally, between Fairfield and nearby Vacaville to the northeast is the Fairfield-Vacaville-Solano Greenbelt.

The Fairfield General Plan Update will have all elements required by State law plus additional elements to incorporate strategies for achieving the plan vision, complying with new State law enacted since the Fairfield General Plan was last comprehensively updated, and addressing emerging trends and new technologies. The General Plan is anticipated to have the following elements: Land Use; Open Space, Conservation, and Recreation; Circulation; Economic Development; Health and Safety; Sustainability; Public Health and Environmental Justice; Public Services; Community Design; Agriculture; and Travis Air Force Base Protection; these elements may be combined or further separated out when the General Plan is drafted.

Review of the information at our office indicates that there have been 243 cultural resource studies covering approximately 2/3 of the City of Fairfield GPU project area. See attached Report Listing. This City of Fairfield GPU project area 35 recorded Native American archaeological resources, including lithic scatters, and isolates, habitation sites, burials, bedrock milling features, architectural features, such as rock shelters and caves, and hearths and pits. This City of Fairfield GPU project area contains 37 historic-period archaeological resources,

including isolates, historic dumps, foundations, fences, walls, graves/cemeteries, landscaping and orchards, mines/quarries, wells/cisterns, a water conveyance system. See attached Resource List.

In addition, there are 13 Informal Resources within the City of Fairfield GPU project area including five prehistoric isolates, such as obsidian flakes; C-1478, 482B-002, 482B-003, 482B-004, and 482B-006, an undated rock cairn 482B-005, the Cement Historic District, 499D-005, three historic buildings and structures including; C-1479, an historic wood frame farmhouse of John Morris circa 1882, C-1480, a one room structure post 1920, 482B-012 an historic homestead, and two unknown informal resources: 499D-002 and 499D-004. Informal Resources are those resources not recorded on DPR 523A primary record forms and not submitted in CHRIS standard format to an IC by OHP.

The State Office of Historic Preservation Built Environment Resources Directory (OHP BERD), which includes listings of the California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and the National Register of Historic Places, lists a total of approximately 185 recorded buildings and structures within the proposed City of Fairfield GPU project area. See attached BERD Listings for the City of Fairfield, as well as Cordelia and Travis Air Force Base, as they are within the boundaries provided for the City of Fairfield GPU project area. Also enclosed is the California Historical Resource Status Codes List. In addition to these inventories, the NWIC base maps show 74 recorded buildings, 33 recorded structures, two recorded Districts, P-48-000446, the Village of Cordelia Historic District, and P-48-000984, the Sacramento Northern Railway Historic District, and 37 Elements of Districts within the proposed City of Fairfield GPU project area. The Caltrans Bridge Inventory Lists 62 bridges. See attached Bridge Listing.

At the time of Euroamerican contact, the Native Americans that lived in the area of the City of Fairfield GPU were speakers of the Patwin language, which is part of the Southern Wintuan language family (Johnson 1978:350). Using Milliken's study of various mission records, the proposed project area is located within the lands of the Malaca, Suisun and Tolema tribes (1995: 247, 257). In addition, there are known shellmounds within or in close proximity to the City of Fairfield GPU project area (Nelson 1909).

Based on an evaluation of the environmental setting and features associated with known sites, Native American resources in this part of Solano County have been found in areas at the hill to valley interface, in valleys, near intermittent and perennial watercourses and near areas populated by oak, buckeye, manzanita, and pine, as well as near a variety of plant and animal resources. The City of Fairfield GPU project area is located in Solano County and includes the City of Fairfield, the town of Cordelia, and Travis Air Force Base. The project area is located in the hills at the far northwestern portion of Suisun Bay and includes a portion of American and Jameson Canyons, extends north into a portion of Green Valley, and extends East past Travis Air Force Base, and across the edge of marshland above Cordelia and Suisun Sloughs. The project area is bisected by several watercourses including Union Creek, Putah South Canal, Denver Creek, Green Valley Creek, American Canyon Creek, Suisun Creek, Ledgewood Creek, and Laurel Creek. Given the similarity of these environmental factors, and the ethnographic and archaeological sensitivity of the area, there is a high potential for unrecorded Native American resources to be within the proposed City of Fairfield GPU project area.

Review of historical literature and maps indicated historic-period activity within the City of Fairfield GPU project area. Early General Land Office Plat Maps and Rancho maps indicate roads, buildings, and bridges within the project area (1855, 1861). The 1898 Carquinez Strait

and 1908 Vacaville USGS 15-minute topographic quadrangles depict roads, trails, railroads, gas wells, buildings, bridges, and the Bridgeport Horizontal Control Station within the project area. With this information in mind, there is a high potential for unrecorded historic-period archaeological resources to be within the proposed City of Fairfield GPU project area.

The 1951 Mt. Vaca, 1940 Carquinez Strait, and 1953 Vacaville USGS 15-minute topographic quadrangle depicts buildings and structures, including roads, trails, highways, bridges, railroads, transmission lines, water tanks, as well as orchards, and Travis Air Force Base with Runways within the City of Fairfield GPU project area. If present, any unrecorded buildings or structures meet the Office of Historic Preservation's minimum age standard that buildings, structures, and objects 45 years or older may be of historical value.

RECOMMENDATIONS:

1) There are 72 recorded archaeological resources in the proposed City of Fairfield GPU project area. There have been 243 cultural resource studies covering portions of the City of Fairfield GPU project area. According to our research there is a high potential of identifying Native American archaeological resources and a high potential of identifying historic-period archaeological resources in unsurveyed portions of the project area.

Given that the proposed City of Fairfield General Plan Update project area covers such a large area with known sensitivity, and the proposed improvements will guide future projects, it is recommended that these future projects be considered on an individual basis under the Northwest Information Center's Project Review Program. This Program is organized to aid cities and counties in meeting their CEQA obligations on a project-by-project basis. These reviews result in project specific information and recommendations. Please contact the NWIC Coordinator at 707/588-8455 for additional information.

2) If archaeological resources are encountered **during construction**, work should be temporarily halted in the vicinity of the discovered materials and workers should avoid altering the materials and their context until a qualified professional archaeologist has evaluated the situation and provided appropriate recommendations. Project personnel should not collect cultural resources. Native American resources include chert or obsidian flakes, projectile points, mortars, and pestles; and dark friable soil containing shell and bone dietary debris, heat-affected rock, or human burials. Historic-period resources include stone or adobe foundations or walls; structures and remains with square nails; and refuse deposits or bottle dumps, often located in old wells or privies.

3) It is recommended that any identified cultural resources be recorded on DPR 523 historic resource recordation forms, available online from the Office of Historic Preservation's website: https://ohp.parks.ca.gov/?page_id=28351

4) We recommend the lead agency contact the local Native American tribe(s) regarding traditional, cultural, and religious heritage values. For a complete listing of tribes in the vicinity of the project, please contact the Native American Heritage Commission at 916/373-3710.

5) Our research indicates that there are a total of 185 recorded buildings and structures included in the OHP BERD within the City Of Fairfield General Plan Update project area that includes Cordelia and Travis Air Force Base. NWIC Base Maps show 74 recorded buildings, 33 recorded structures, two recorded Districts, P-48-000446, the Village of Cordelia Historic District, and P-48-000984, the Sacramento Northern Railway Historic District, and 37 Elements of Districts within the proposed City of Fairfield GPU project area. The Caltrans Bridge Inventory also includes 62 bridges within the project area. Additionally, the project area has the potential to contain other unrecorded buildings or structures that meet the minimum age requirement.

Therefore, prior to commencement of project specific activities, it is recommended that the above listed resources, and any other ones that have yet to be inventoried, be assessed by a professional familiar with the architecture and history of Solano County. Please refer to the list of consultants who meet the Secretary of Interior's Standards at <http://www.chrisinfo.org>.

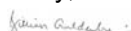
6) Review for possible historic-period buildings or structures has included only those sources listed in the attached bibliography and should not be considered comprehensive.

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the California Historical Resources Information System (CHRIS) Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

The California Office of Historic Preservation (OHP) contracts with the California Historical Resources Information System's (CHRIS) regional Information Centers (ICs) to maintain information in the CHRIS inventory and make it available to local, state, and federal agencies, cultural resource professionals, Native American tribes, researchers, and the public. Recommendations made by IC coordinators or their staff regarding the interpretation and application of this information are advisory only. Such recommendations do not necessarily represent the evaluation or opinion of the State Historic Preservation Officer in carrying out the OHP's regulatory authority under federal and state law.

Thank you for using our services. Please contact this office if you have any questions, (707) 588-8455.

Sincerely,


Jillian Guldenbrein
Researcher

LITERATURE REVIEWED

In addition to archaeological maps and site records on file at the Northwest Information Center of the Historical Resources Information System, the following literature was reviewed:

Fickewirth, Alvin A.

1992 *California Railroads*. Golden West Books, San Marino, CA.

General Land Office

1800s Survey Plats for Township 4 North/Ranges 1, 2, 3 West.

1800s Survey Plats for Township 5 North/Ranges 1, 2, 3 West, and 1 East.

1855 Portions of Rancho Suisun

1861 Portions of Ranch Tolenas

Gudde, Erwin G.

1969 *California Place Names: The Origin and Etymology of Current Geographical Names*. Third Edition. University of California Press, Berkeley and Los Angeles.

Hart, James D.

1987 *A Companion to California*. University of California Press, Berkeley and Los Angeles.

Helley, E.J., K.R. Lajoie, W.E. Spangle, and M.L. Blair

1979 *Flatland Deposits of the San Francisco Bay Region - Their Geology and Engineering Properties, and Their Importance to Comprehensive Planning*. Geological Survey Professional Paper 943. United States Geological Survey and Department of Housing and Urban Development.

Hoover, Mildred Brooke, Hero Eugene Rensch, and Ethel Rensch, revised by William N. Abeloe

1966 *Historic Spots in California*. Third Edition. Stanford University Press, Stanford, CA.

Hoover, Mildred Brooke, Hero Eugene Rensch, and Ethel Rensch, William N. Abeloe, revised by Douglas E. Kyle

1990 *Historic Spots in California*. Fourth Edition. Stanford University Press, Stanford, CA.

Hope, Andrew

2005 *Caltrans Statewide Historic Bridge Inventory Update*. Caltrans, Division of Environmental Analysis, Sacramento, CA.

Johnson, Patti J.

1978 Patwin. In *California*, edited by Robert F. Heizer, pp. 350-360. Handbook of North American Indians, vol. 8, William C. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.

Kroeber, A.L.

1925 *Handbook of the Indians of California*. Bureau of American Ethnology, Bulletin 78, Smithsonian Institution, Washington, D.C. (Reprint by Dover Publications, Inc., New York, 1976)

Kroeber, A.L.

- 1932 *The Patwin and their Neighbors*. University of California Publications in American Archaeology and Ethnology 35(2):15-22. University of California Press, Berkeley. (Reprint by Kraus Reprint Corp., New York, 1965)

Milliken, Randall

- 1995 *A Time of Little Choice: The Disintegration of Tribal Culture in the San Francisco Bay Area 1769-1810*. Ballena Press Anthropological Papers No. 43, Menlo Park, CA.

Nichols, Donald R., and Nancy A. Wright

- 1971 Preliminary Map of Historic Margins of Marshland, San Francisco Bay, California. U.S. Geological Survey Open File Map. U.S. Department of the Interior, Geological Survey in cooperation with the U.S. Department of Housing and Urban Development, Washington, D.C.

Roberts, George, and Jan Roberts

- 1988 *Discover Historic California*. Gem Guides Book Co., Pico Rivera, CA.

State of California Department of Parks and Recreation

- 1976 *California Inventory of Historic Resources*. State of California Department of Parks and Recreation, Sacramento.

State of California Department of Parks and Recreation and Office of Historic Preservation

- 1988 *Five Views: An Ethnic Sites Survey for California*. State of California Department of Parks and Recreation and Office of Historic Preservation, Sacramento.

State of California Office of Historic Preservation **

- 2022 *Built Environment Resources Directory*. Listing by City (through September 23, 2022). State of California Office of Historic Preservation, Sacramento.

Williams, James C.

- 1997 *Energy and the Making of Modern California*. The University of Akron Press, Akron, OH.

Woodbridge, Sally B.

- 1988 *California Architecture: Historic American Buildings Survey*. Chronicle Books, San Francisco, CA.

Works Progress Administration

- 1984 *The WPA Guide to California*. Reprint by Pantheon Books, New York. (Originally published as *California: A Guide to the Golden State* in 1939 by Books, Inc., distributed by Hastings House Publishers, New York.)

**Note that the Office of Historic Preservation's *Historic Properties Directory* includes National Register, State Registered Landmarks, California Points of Historical Interest, and the California Register of Historical Resources as well as Certified Local Government surveys that have undergone Section 106 review

Report List

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-002840	Caltrans - 10102-071600; Voided - ASC #351c	1981	Wayne C. Wiant	First Addendum Archaeological Survey for the Proposed Fairfield Bypass Project, Solano County, 10-Sol-12/80 R3.1/R6.2, 15.0/16.8, 10102-071600.	Caltrans, District 10
S-005057	Voided - ASC #72	1976	Henry S. Keesling	Archaeological Survey, Proposed County Road Project on Sunset Avenue, 10-Sol-FAU Sunset Avenue.	Archeology Study Center, California State University, Sacramento
S-005060	Voided - ASC #79	1975	Wayne C. Wiant	An Archaeological Impact Study of the Fairfield City Undercrossing Project on Air Base Parkway at North Texas Street.	Archeology Study Center, California State University, Sacramento
S-005067	Voided - ASC #269	1974	Jerald Jay Johnson and Patti Johnson	Archeological Survey of the Proposed Fairfield-Suisun Wastewater Management Facilities.	California State University, Sacramento
S-005072	Voided - ASC #330	1976		Cultural Resource Assessment of the Fairfield Redevelopment Plan, Solano County, California.	Ann S. Peak and Associates
S-005072a		1978		Historic Property Survey of the Proposed Travis Boulevard/I-80 Interchange Modification, Fairfield, Solano County, California	Ann S. Peak & Associates
S-005073	Voided - ASC #331	1976		Cultural Resource Assessment of the Road Expansion and Installation of a 24" Water Transmission Main Along Cement Hill Road From Dover Avenue East to New Travis A.F.B. Hospital	Ann S. Peak & Associates, Inc.
S-005074	Voided - ASC #332	1976		Cultural Resource Assessment of Mankas Park in the City of Fairfield, California	Ann S. Peak and Associates, Inc.
S-005075	Voided - ASC #333	1976		Cultural Resource Assessment of the Road Improvement of North Texas Street from Atlantic Boulevard North to the I-80 Interchange.	Ann S. Peak and Associates, Inc.
S-005076	Voided - ASC #334	1976		Cultural Resource Assessment of Three Sections of Drainage Ditch in the City of Fairfield, California.	Ann S. Peak & Associates, Inc.
S-005077	Voided - ASC #335	1976		Cultural Resource Assessment of the Allen Witt Community Park in Fairfield, California.	Ann S. Peak and Associates, Inc.
S-005078	Voided - ASC #336	1976	Ann S. Peak	Cultural Resource Assessment of the Margins of Cordelia and Chadbourne Roads in the City of Fairfield, California.	Ann S. Peak & Associates, Inc.

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-005079	Voided - ASC #337	1976		Cultural Resource Assessment of Nelson Hill and the Margins of Cordelia Road from Nelson Hill to Hale Ranch Road, Solano County, and City of Fairfield, California	Ann S. Peak & Associates, Inc.
S-005080	Voided - ASC #338	1976		Cultural Resource Assessment of the Site of the New Police Station Addition in the City of Fairfield, California.	Ann S. Peak & Associates
S-005081	Voided - ASC #339	1976		Cultural Resource Assessment of the Proposed Site of Fairfield Fire Station No. 3.	Ann S. Peak and Associates, Inc.
S-005082	Voided - ASC #340	1976		Cultural Resource Assessment of the Stonedene Apartment Project, Solano County, California.	Ann S. Peak and Associates, Inc.
S-005085	Voided - ASC #343	1977		Cultural Resource Assessment of the William H.M. Smith Property, Cordelia, California.	Ann S. Peak & Associates
S-005086	Voided - ASC #344	1977	[none]	Cultural Resource Assessment of the Citation Homes Development, Green Valley, California.	Ann S. Peak & Associates
S-005087	Voided - ASC #345	1977		Cultural Resource Assessment of the Proposed Dover Valley Subdivision, Fairfield, California	Ann S. Peak and Associates
S-005093	Voided - ASC #351a	1977	D. L. True	Archaeological Survey: Realignment of Highway 12, Fairfield, California.	University of California, Davis
S-005094	Voided - ASC #351b	1978	D. L. True	Archaeological Survey Near Fairfield, California: Alternate Route for Highway 12.	University of California, Davis
S-005106	Voided - ASC #362	1978	Joan E. Hellen	Archaeological Investigations Near Cordelia, California: Cordelia Villages.	University of California, Davis
S-005107	Voided - ASC #363	1978	Joan E. Hellen	Archaeological Investigations for a Planned Residential Development, Fairfield, California	Department of Anthropology, University of California Davis
S-005108	Voided - ASC #364	1978	Dave Dickle and D. L. True	Archaeological Investigations Near Green Valley, California: Hofmann Project	University of California, Davis
S-005112	Voided - ASC #369	1978		Cultural Resource Assessment of the Neitzel Hill Property, Solano County, California.	Ann S. Peak & Associates
S-005114	Submitter - ARS 78-62; Voided - ASC #371a	1978	Katherine Flynn	Progress Report on the test excavation of CA-SOL-60, located on the Cadenasso property, Fairfield, California (ARS 78-62) (letter report)	Archaeological Resource Service
S-005114a		1978	Katherine Flynn	Mitigation procedure, CA-SOL-60/Cadenasso property, Fairfield, California (letter report)	Archaeological Resource Service

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-005115	Voided - ASC #372	1978	Kenneth L. Wilson	Cultural Resources Survey of the Peabody 230 kV Transmission Line and 230/21 kV Substation, Pacific Gas and Electric Company	
S-005116	Voided - ASC #373	1978	Joan E. Hellen	Archaeological Investigation: Cordelia Water Line for City of Fairfield.	University of California, Davis
S-005117	Voided - ASC #374	1978	Paul Bouey	Archaeological Reconnaissance of the Rockville Road Bridge Over Ledge Wood Creek, Fairfield, Solano County, California	Department of Anthropology, University of California Davis
S-005117a		1979	Charles J. Hasbrouck and Ellen Lipsey	Historical/ Cultural Resources Survey, Rockville Road Bridge at Ledge Wood Creek and Rockville Road Corridor East to Oliver Road	Charles Hall Page & Associates, Inc.
S-005118	Voided - ASC #376a; Voided - S-5121	1978		An Archaeological Reconnaissance of Certain Portions of the Dunnell Ranch, Fairfield, Solano County, California.	Archaeological Consulting and Research Services
S-005118a		1978	Stephen A. Dietz	Archaeological Reconnaissance of the 140 acre land addition to the previously reconnoitered Dunnell Ranch in Solano County, California (letter report)	Archaeological Consulting and Research Services, Inc.
S-005119	Voided - ASC #376b; Voided - ASC #376c; Voided - S-5120	1981	Marianne L. Russo	Evaluation of the Proposed Road and Pipeline Location with Respect to Archaeological Resources DR-1 and DR-2 (Sol-55, 67) on the Dunnell Ranch, Fairfield, Solano County, California (letter report)	California State University, Sacramento
S-005119a		1981	Eleanor H. Derr	Archeological Monitoring of the Pipeline Location on the Dunnell Ranch, Fairfield, Solano County, California, with Respect to the Boundary Locations of CA-SOL-55 and CA-SOL-67 (letter report)	
S-005123	Voided - ASC #379	1978		Report of Preliminary Archaeological Survey, Hoffmann Property, Green Valley, Solano County, California	Archaeological Consulting and Research Services
S-005124	Voided - ASC #380a	1978	Theo N. Mabry	Hoffman Property, Green Valley (letter report)	Archaeological Planning Collaborative
S-005125	Voided - ASC #381	1978		Archaeological Records Check and Reconnaissance Report, Toobey Farms, Solano County, CA	Archaeological Planning Collaborative
S-005126	Voided - ASC #382	1977		Mangels Ranch Archeological Survey	

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-005127	Voided - ASC #383	1979	Theo N. Mabry	Archaeological Survey of Waterman Ranch and Gregory Heights, City of Fairfield (letter report)	Archaeological Planning Collaborative
S-005130	Voided - ASC #386	1979	David Chavez	Preliminary Cultural Resources Assessment of the Cement Hill Location, Solano County, California	
S-005132	Voided - ASC #388	1979	Theo N. Mabry	Archaeological Records Search and Reconnaissance Survey, Fairfield Redevelopment Project, Fairfield, CA.	Archaeological Planning Collaborative
S-005133		1979	Frederick Geier	Recommendations for the Treatment of Archaeological Site CA-Sol-254.	
S-005134	Voided - ASC #390	1979		Records Search and Reconnaissance Survey, Morrison Homes Development, Fairfield, California	Archaeological Planning Collaborative
S-005135	Voided - ASC #391	1979		Archaeological Reconnaissance Survey and Records Search, Northern Sacramento Railroad Right-of-Way, Fairfield, California	Archaeological Planning Collaborative
S-005136	Voided - ASC #392	1979	Walter J. Wood	Archaeological Records Search and Reconnaissance Survey, Cement Hill Road Sewer and Water Project.	Archaeological Planning Collaborative
S-005136a		1980	Walter J. Wood	Additional survey and amendment to the original Archaeological Record Search and Reconnaissance Survey of the Cement Hill Road Sewer and Water Project, Fairfield, California (letter report)	Archaeological Consulting
S-005139	Voided - ASC #530	1980	David Chavez	Archaeological evaluation of the Area of Potential Environmental Impact (APEI) for the Interstate 80/Highway 12 Interchange Project (letter report)	
S-005143	Voided - ASC #575	1980	Steven B. Dondero	An Archeological Records Search and Field Reconnaissance of the Strassberger Industrial Park, Fairfield, California.	Archeological Study Center; California State University, Sacramento
S-005144	Voided - ASC #576	1980	Michael F. Rondeau	A Cultural Resources Study of the Proposed Route of the Jameson 230 kV Transmission Line Tap, Solano County, California.	Archaeological Study Center, California State University, Sacramento
S-005145	Voided - ASC #585	1980	Steven B. Dondero	An Archeological Records Search and Field Reconnaissance of the Dittmer Property, Cordelia, California	Archeological Study Center, California State University Sacramento

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-005148	Voided - ASC #607	1980	Eleanor H. Derr	An Archeological Survey of the Fairfield Linear Park, Solano County, California.	Archeological Study Center, California State University, Sacramento
S-005153	Submitter - ARS 81-18; Voided - ASC #654	1981	Katherine Flynn	Archaeological reconnaissance of proposed "Sunset Oaks" subdivision, east of Sunset Avenue and northeast of Travis Blvd., Fairfield, CA. (letter report)	Archaeological Resource Service
S-005154	Submitter - ARS 81-02; Voided - ASC #655	1981	Katherine Flynn	Archaeological reconnaissance of "Lands of Low/Nicandros/Harvest Park" off Magellan Road, Fairfield, California (P.O. 000535 FP) (letter report)	Archaeological Resource Service
S-005156	Submitter - Contract No. 14-10-0434-1414; Voided - ASC #690	1965	Adan E. Treganza, Robert L. Edwards, and Thomas F. King	Archeological Survey and Excavation Along the Tehama-Colusa Canal, Central California	San Francisco State College
S-005158	Voided - ASC #705	1981		Archaeological Records Check and Field Survey, Green Valley Road Development Property, Cordelia, California	Larry Seeman Associates, Inc.
S-005163	Caltrans - 10102-165401; Caltrans - 10102-165401; Voided - ASC #715; Voided - S-5812	1982	Valerie A. Levulett	Archeological Survey Report for the Proposed Air Base Parkway Interchange Project, 10-Sol-80, PM 18.4/20.4, 10102-	California Department of Transportation
S-005163a		1983	Margaret C. Biorn	First Addendum Archaeological Survey Report for the Proposed Air Base Parkway Interchange Project, 10-SOL-80, P.M. 18.4/20.4, 10102-165401	California Department of Transportation
S-005167	Voided - ASC #720a	1980	David Chavez	Cultural Resources Evaluation of the North Bay Aqueduct Alignment Alternatives (Routes 1, 4 and 6), Solano County, California.	
S-005168	Voided - ASC #720b	1981	David Chavez	Subsurface Archeological Investigations at CA-SOL-268: North Bay Aqueduct Project, Solano County, California.	David Chavez, Consulting Archaeologist
S-005168			Knox Mellon	North Bay Aqueduct - Archaeological Assessment	Office of Historic Preservation
S-005172	Voided - ASC #724a	1976	Wayne C. Wiant	Archeological EIR Report for Cordelia Commerce Park, Fairfield, California.	California State University Sacramento
S-005173	Voided - ASC #724b	1981		Archeological Site Mapping, CA-SOL-25, Fairfield, California.	Larry Seeman Associates, Inc.

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-005174	Voided - ASC #726	1980	David Chavez	Rockville Hills Park Project, Solano County, California (letter report)	
S-005213		1982	David Chavez	Cultural Resources Evaluation for the Cordelia Hills Wind Turbine Generator (WTG) Project EIR, Solano County, California	
S-005688		1982	Matthew R. Clark	Report of Archaeological Reconnaissance of the Kacor Project Area, Near Cordelia, Solano County, California	Holman & Associates
S-005846		1983	David Chavez	Solano Ranch EIR (ESA Project No. 2227) (letter report)	
S-005993		1982	Kenneth McIvers	A Cultural Resource Survey of Portions of the Solano County Cordelia Redevelopment Project.	Archeological Study Center, California State University, Sacramento
S-006121		1976	Dean H. Gaumer	An Archaeological Evaluation of the Proposed Wastewater Storage Ponds of the Vacaville Easterly Treatment Plant Enlargement Project	
S-006281		1982	Eleanor H. Derr	The Prehistoric and Historic Resources of Cordelia and Portions of Green and Suisun Valleys, Solano County, California: An Overview for Cordelia Redevelopment Plan	Archaeological Study Center, California State University, Sacramento
S-006506		1984	Miley Paul Holman	A preliminary report of findings from the archaeological field reconnaissance of the proposed Nelson Hill Quarry operation, Solano County, California.	Holman & Associates
S-006552		1984	Sannie Kenton and Patti Johnson	Fairfield Vicinity Streams, Solano County, California: Intensive Cultural Resource Survey	U.S. Army Corps of Engineers
S-006552a		1976		Fairfield Vicinity Streams, California, Intensive Cultural Resources Survey	
S-006793		1984	Michael J. Marchak III	Archaeological and Historical Evaluation and Field Survey of the Green Valley Creek Bridge, Cordelia, California	Archaeological Study Center, California State University, Sacramento
S-007137	Voided - S-11032	1984	Katherine Flynn and William Roop	Cultural Resources Inventory of the Proposed Travis Air Force Base Medical Facility, Fairfield, Solano County, California, Final Report	Archaeological Resource Service

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S-007137a		1989	William Roop, Katherine Flynn, Jeff Parsons, and Lawrence Silva	Archaeological Data Recovery at CA-SOL-313, within the Proposed Travis Air Force Base Medical Facility, Fairfield, Solano County, California, Final Report	Archaeological Resource Service
S-007137b		1989	William Roop, Katherine Flynn, Jeff Parsons, and Lawrence Silva	Archaeological Data Recovery at CA-SOL-313 Within the Proposed Travis Air Force Base Medical Facility, Fairfield, Solano County, California, Final Report	Archaeological Resource Service
S-007137c				Voided-See S-51579	
S-007457		1985	Peter M. Banks	Archaeological Investigations at CA-SOL-315 and -316, Within the Green Valley Lake Parcel, Solano County, California	California Archaeological Consultants, Inc.
S-007743		1985		Cultural Resource Assessment of the Proposed California National Guard's Fairfield Armory, Solano County, California. Fairfield Armory, Solano County, California.	Peak & Associates
S-007905		1986	David Chavez	Travis Air Force Base SATCOM Project (letter report).	
S-008653	Voided - ASC #371b	1978	Katherine Flynn	A Minor test excavation at CA-SOL-60, on LedgeWood Creek, near Fairfield, Solano County.	Archaeological Resource Service
S-008951	Voided - S-9122	1986		Cultural Resources Evaluation for the North Bay Aqueduct Water Treatment Facilities EIR, Solano County, California	David Chavez & Associates
S-008951a		1987	David Chavez	Supplement to Cultural Resources Evaluation for the North Bay Aqueduct Water Treatment Facilities EIR, Solano County, California -- Treated Water Reservoir Site Alternatives	David Chavez & Associates
S-009124		1987	John Holson and Lori Hager	A Cultural Resources Study for the Vaca Dixon-Moraga 230 kV Transmission Line Reconductoring Project, Contra Costa, Napa, and Solano Counties, California	Hager/Holson and Associates
S-009508		1987	Robert I. Orlins	An Archaeological Survey at Oakwood Drove and Suisun Valley Road, Near Cordelia, Solano County, California	California Archaeological Consultants, Inc.

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-010549		1989	Sannie Kenton Osborn and Richard A. Weaver	Travis Air Force Base, Solano County, California, Proposed Section 801 Family Housing, Cultural Resources Survey and Evaluation	US Army Corps of Engineers
S-010706		1989	Eleanor H. Derr	Upper Mangels Ranch Archaeological Study, Survey Report	Cultural Resources Unlimited
S-011042		1989	Robert I. Orlins	An Archaeological Survey of the Stonedene Parcel and Site CA-SOL-71, Suisun, Solano County, California	California Archaeological Consultants, Inc.
S-011907	Submitter - Job #90-49a	1990		An Evaluation of CA-SOL-307H, the Mangels Ranch Complex, Solano County, California	Peak & Associates, Inc.
S-012104	Caltrans - 04136-006010	1990	Michael W. Love	Negative Archaeological Survey Report: Addendum 1, Two Additions to the New Benicia/Martinez Bridge System Project, 04-SOL-080 P.M. 0.0/1.0, 12.0/16.15, 04136-006010	Caltrans, District 04
S-012206		1990	Susan E. Page	Archaeological Survey Report, park and ride lot, 10-SOL-80 PM R11.5 421400	Caltrans
S-012490	Other - ARS -91-01	1991	Katherine Flynn	Archaeological Survey of the Cordelia Pump Station Buffer Properties Near Cordelia, Solano County, CA. (ARS 91-01)	Archaeological Resource Service
S-012530		1991	Donna M. Garaventa, Michael R. Fong, Stuart A. Guedon, James C. Bard, Steven J. Rossa, and John E. Yelding-Sloan	Cultural Resources Assessment of Nelson Hill Quarry Project, Cordelia, Solano County, California	Basin Research Associates, Inc.
S-012741		1989	Kenneth J. McIvers	A Cultural Resources Study of North Fairfield - Town of Cement, Solano County, California: for the North Fairfield Water Transmission Facilities Project	Archaeological Study Center, California State University, Sacramento
S-012743	Caltrans - 10201-926434	1975	Greg Greenway	An archaeological survey for a proposed highway widening project, 10-SOL-Walters Rd. 10201-926434	Caltrans
S-012751		1979	Dan Peterson, Geraldine Peterson, and Judith A. Munns	Addendum to the Historic Property Survey Report, Chadbourne Road to Marina Boulevard, City of Fairfield	A.I.A. and Associates
S-012752		1976	Miley Paul Holman, Dean H. Gaumer, and David Chavez	Archaeological Evaluation of the Proposed Urban Development of Suisun City, Solano County, California	

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S-012758		1991	Randy S. Wiberg	Report of Archaeological Investigation at the Four Seasons Development in Green Valley, Fairfield, Solano County, California	Holman & Associates
S-012887		1991	Bruce Dahlstrom	An Archaeological Study of the Serpas Ranch Property, Hilborn Road, Fairfield, Solano County, California	Sonoma State University
S-013470	Voided - S-013470	1991	Mick Hayes	Extended Phase I Archaeological Report, Benicia-Martinez Bridge System Project in Contra Costa and Solano Counties, 04-CC-680 P.M. 21.2/21.5, 04-SOL-680	Caltrans
S-014344		1992	Randy S. Wiberg, David G. Bieling, James P. Quinn, Eric Wohlgemuth, and Jerry Doty	Archaeological Data Recovery at Sites CA-SOL-69 and CA-SOL-315, Green Valley, Solano County, California	Holman & Associates
S-014587		1993	Eric Allison	An Archaeological Study of Approximately 126 Acres Located at 194 Walters Road in the City of Fairfield, Solano County, California	Cultural Resources Facility, Sonoma State University
S-014627		1993	Randy S. Wiberg, David G. Bieling, Edward Luby, Randy Milliken, James P. Quinn, Philip N. Williamson, Eric Wohlgemuth, and Jerry Doty	Final Report: Archaeological Data Recovery at Prehistoric Site CA-SOL-355/H, Green Valley, Solano County, California	Holman & Associates
S-014732		1993	Beth Padon	Cultural Resources Field Survey, Fieldcrest Project, Solano County	LSA Associates, Inc.
S-015028		1993	Randy S. Wiberg	Phase I Archaeological Reconnaissance: Regional Commerce Center and Planned Employment Center, Green Valley, Fairfield, California	Holman & Associates
S-015030		1993	Randy S. Wiberg	Report of Archaeological Subsurface Testing at the Cordelia Commons #4 Project Area, Fairfield, Solano County, California	Holman & Associates
S-015489		1993	Randy S. Wiberg	Preliminary Report: Phase II Evaluative Testing of Archaeological Site CA-SOL-356, Fairfield, Solano County, California	Holman & Associates
S-016376		1994	S. Psota and M. R. Clark	Site Perimeter Identification and Monitoring of Geotechnical Test Trenching at CA-SOL-391, Green Valley, in the City of Fairfield, Solano County, California	Holman & Associates

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-016497	Submitter - H&A 94-33	1994	Matthew R. Clark	An Archaeological Reconnaissance of the Approximately Twenty Acre Greystone Mangels Ranch Parcel in the Cordelia Area of the City of Fairfield, Solano County	Holman & Associates
S-016747		1993	Susan E. Page	Archaeological Survey Report, proposed new right of way for a weave section between Green Valley Road and the next westbound offramp on Highway 80, 10-SOL-80 PM 11.0/12.0 10-110 39170K	Caltrans
S-017483		1979	Stephen A. Dietz	An Archaeological Reconnaissance of the Martin Hill Ranch Site at Fairfield, Solano County, California (letter report)	Archaeological Consulting and Research Services, Inc.
S-017713		1995	Patricia Mikkelsen, Randall Milliken, Leslie Glover, Elizabeth Honeysett, Eric Wohlgemuth, Patricia Welsh, and Tammara Ekness	Report on 1995 Testing and Monitoring at Archaeological Site CA-SOL-25/H, Solano County, California	Far Western Anthropological Research Services, Inc.
S-017828		1995	Miley Paul Holman	Mechanical Field Testing of the Rolling Hills Neighborhood Park for Suspected Archaeological Materials Associated with Archaeological Site SOL-67, Fairfield,	
S-017899		1969	Joseph L. Chartkoff	Archaeological Resources of the West Sacramento Canal Unit	University of California, Los Angeles

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S-017993		1995	Brian Hatoff, Barb Voss, Sharon Waechter, Stephen Wee, and Vance Bente	Cultural Resources Inventory Report for the Proposed Mojave Northward Expansion Project	Woodward-Clyde Consultants
S-017993a		1995		Proposed Mojave Northward Expansion Project: Appendix A - Native American Consultation	Woodward-Clyde Consultants
S-017993b		1995		Proposed Mojave Northward Expansion Project: Appendix B - Looping Segments - Class 1	Woodward-Clyde Consultants
S-017993c		1995		Proposed Mojave Northward Expansion Project: Appendix C -Monitoring and Emergency Discovery Plan	Woodward-Clyde Consultants
S-017993d		1995		Proposed Mojave Northward Expansion Project: Appendix D - General Construction Information	Woodward-Clyde Consultants
S-017993e		1995		Proposed Mojave Northward Expansion Project: Appendix E - Archaeological Site Records	Woodward-Clyde Consultants
S-017993f		1995		Proposed Mojave Northward Expansion Project: Appendix F - Historic Features Evaluation Forms	Woodward-Clyde Consultants
S-017993g		1995		Proposed Mojave Northward Expansion Project: Appendix G - Railroad Crossing Evaluation Forms	Woodward-Clyde Consultants

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-017993h		1995		Proposed Mojave Northward Expansion Project: Appendix H - Crossing Diagrams and Plan View Maps	Woodward Clyde Consultants
S-017993i		1995		Proposed Mojave Northward Expansion Project: Appendix I - Railroad Depot NRHP Nomination Forms and Related Records	Woodward-Clyde Consultants
S-017993j		1995		Proposed Mojave Northward Expansion Project: Appendix J - Looping Segment and Compressor Station Site Records	Woodward-Clyde Consultants
S-017993k		1995		Proposed Mojave Northward Expansion Project: Appendix K - Historic Site Records / Isolate Forms	Woodward-Clyde Consultants
S-017993l		1995		Proposed Mojave Northward Expansion Project: Appendix L - Photodocumentation	Woodward-Clyde Consultants
S-017993m		1995		Proposed Mojave Northward Expansion Project: Appendix M - Curricula Vitae of Key Preparers	Woodward-Clyde Consultants
S-018043		1994	Miley Paul Holman	Magellan Road Park and Ride Facility, Fairfield, Solano County, California (letter report)	Holman & Associates
S-018058		1995	Miley Paul Holman	Archival Research and Field Inspection of the Lower Mangels Ranch Project Area, Fairfield, Solano County, California (letter report)	Holman & Associates
S-018865		1996	Randy S. Wiberg, David G. Bieling, Victor Bjelajac, Jerry Doty, Richard E. Hughes, Julia Jarrett, James P. Quinn, Dwight Simons, Brian Wickstrom, and Eric Wohlgemuth	Archaeological Excavations at Site CA-SOL-356, Fairfield, Solano County, California: Final Report	Holman & Associates; Washington State University

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-019263	Caltrans - 04193-006010; OHP PRN - FHWA890809A; Voided - S-22300; Voided - S-25518	1991		Finding of Effect Report, Benicia-Martinez Bridge System Improvement Project, Contra Costa and Solano Counties, California, CC-680 21.2/21.5, SOL-680 0.0/13.1, SOL-780 0.7/7.2, SOL-80 10.8/14.2, 04193-006010	California Department of Transportation

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-019263a		1990	Bruce E. Cannon, Kathryn Gualtieri, Mara Melandry, and C. Thomas Hosley	FHWA890809A Re: Benicia-Martinez Bridge Project, IR-680-1 (), IR-780-1 ()	California Office of Historic Preservation
S-019263b		1988	John W. Snyder	An Evaluation of the Southern Pacific Martinez-Benicia Bridge	California Department of Transportation
S-019263c		1991		Section 3.4 "Alternatives Considered and Eliminated from Consideration" from Preliminary Draft - "Project Description of Benicia-Martinez Bridge System Project"	Dames and Moore
S-019263d		1989	John Holson	Historic Properties Survey Report, Benicia-Martinez Bridge System Improvement Project in Contra Costa and Solano Counties, CC-680 21.2/21.5, SOL-680 0.0/13.1, SOL-780 0.7/7.2, 04193-006010	Caltrans, District 4
S-019263e		1989	John Holson	Archaeological Survey Report for the Benicia-Martinez Bridge System Improvement Project, 10-SOL-680 P.M. 0.0/13.1, 10-SOL-780 P.M. 0.7/7.4, SOL-080 P.M. 0.8/3.7 and 10.8/14.2, 04-CC-680 P.M. 21.0/25.5 04193-006010	Caltrans
S-019263f		1988	Gregory King, Stephen D. Mikesell, Gloria Scott, and John Snyder	Historic Architectural Survey Report Benicia-Martinez Bridge System Improvement Project, 11-Sol-680, 11-Sol-780, 4-CC-680, 04193-006010	California Department of Transportation
S-019263g		2002	James M. Allan	Benicia-Martinez Bridge System Improvements Project Addendum, Archaeological Survey Report - Maritime Archaeology, Contra Costa and Solano Counties; 04-SOL-680 PM 0.0/13.1, 04-SOL-780 PM 0.7/7.4, 04-SOL-80 PM 0.8/3.7, 10.8/14.2, 04-CC-680 PM 21.0/25, EA 04193-006010	William Self Associates, Inc.
S-019263h		1989	Kathryn Gualtieri	Benicia-Martinez Bridge System Improvement Project	California Office of Historic Preservation
S-019456		1997	Sunshine Psota	An Archaeological Investigation of Peachtree and Ellen Courts, Fairfield, Solano County, California	
S-019494		1997	David G. Bieling	An Archaeological Investigation of 1/2-Acre of Land at 890 E. Travis Blvd., Fairfield, Solano County, California	Holman & Associates

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-020632		1998	Randy S. Wiberg, Alisa Reynolds, Ellen Moore, and David Bieling	Archaeological Monitoring and Burial Removal at Green Valley Lake Units Nos. 2 and 3 (Sites CA-SOL-69 and CA-SOL-315), Fairfield, Solano County, California	Holman & Associates
S-021077		1998	Terry L. Joslin	Cultural Resources Study of the Meyer Property in Fairfield, California	Albion Environmental, Inc.
S-021246		1999	Alisa Reynolds and Randy S. Wiberg	Report of Further Archaeological Monitoring and Burial Removal at Green Valley Lake Unit 3 Residential Development (CA-SOL-69), City of Fairfield, Solano County, California	Holman & Associates
S-021316		1998	Nina Illic and David Chavez	Archaeological Survey Report, 04-SOL-80 PM 19.02 EA 0S9601, Repair of Slipout to Shoulder on Eastbound Route 80 (Caltrans)	
S-021343		1998	Eleanor H. Derr	Pacific Bell Wireless: 2440 North Texas Street, Fairfield, Solano County, Site # SF-366-03 (letter report)	
S-021827		1999	Randy S. Wiberg	Reburial of Native American Skeletal Remains Recovered at Green Valley Lake Units 2 and 3, Fairfield, Solano County, California (letter report)	Holman & Associates Archaeological Consultants
S-021916		1999	Randy S. Wiberg	An Archaeological Field Inspection of a Portion of the Upper Mangels Ranch, Fairfield, Solano County, California	Holman & Associates
S-022309		1999	Randy S. Wiberg	Archaeological Mechanical Testing of the Duffel/City of Fairfield Property, Portions of APN's 045-028-010, -026 and -027, Fairfield, Solano County, California	Holman & Associates
S-022342		2000	Tracey Bakic, Lynn Compas, and Cindy	Cultural Resources Investigation of the Tooby II Project, Solano County, California	PAR Environmental Services, Inc.
S-022348	Submitter - Job #98-085	1999	Melinda Peak and Robert Gerry	An Evaluation of Significance of a Farm Complex Within the Gold Ridge East Project, Solano County, California	Peak and Associates
S-022497		1999	Alisa Reynolds	Report of Further Archaeological Monitoring and Burial Removal at the Green Valley Lake Unit 2 Residential Development (CA-SOL-315), City of Fairfield, Solano County, California	Holman & Associates

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-022645		1999	Miley Paul Holman	Archaeological Field Inspection of the Proposed City of Fairfield Police Firing Range and Water Tank Site, Fairfield, Solano County, California (letter report)	Holman & Associates
S-022736		2000		Final Cultural Resources Inventory Report for Williams Communications, Inc., Fiber Optic Cable System Installation Project, Point Arena to Robbins and Point Arena to Sacramento, California: Volume I	Jones & Stokes Associates, Inc.
S-022736a		2000		Volume II - Project Maps: Final Cultural Resources Inventory Map Atlas for the Williams Communications, Inc. Fiber Optic Cable System Installation Project, Point Arena to Robbins and Point Arena to Sacramento, California	Jones & Stokes
S-022736b		2000		Volume III, Technical Appendices: Final Cultural Resources Inventory Report for the Williams Communications, Inc. Fiber Optic Cable System Installation Project, Point Arena to Robbins and Point Arena to Sacramento, California	Jones & Stokes
S-022817	Submitter - Project Number 27101	2000	Wendy J. Nelson, Maureen Carpenter, and Julia G. Costello	Cultural Resources Survey for the Level (3) Communications Long Haul Fiber Optics Project, Segment WS01: Sacramento to Oakland	Far Western Anthropological Research Group, Inc.; Foothill Resources, Ltd.
S-022869		1999	Cassandra Chattan	A Cultural Resources Evaluation of the Rancho Solano, Fairfield, Solano County, California	
S-022941		2000	Miley Paul Holman	Archaeological Field Inspection of the Scandia Driving Range Project, 4300 Central Place, Suisun, Solano County, California (letter report)	Holman & Associates

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-022988		2000	William Self	Inspection of Line Section 25, Yolo and Solano Counties, California (letter report)	William Self Associates, Inc.
S-023212		2000	Robert A. Gerry	Cultural Resources Assessment of the Proposed Cement Hill Bypass Project, Solano County California	Peak and Associates, Inc.
S-023470		2000	Allen G. Pastron	Cultural Resources Evaluation - consisting of the performance of an archival literature review and a systematic on-site archaeological surface reconnaissance - of the Green Valley Lake, Unit V, Property, a 7.33 acre parcel of land located at the southeastern corner of Mangels Boulevard and Southlake Drive, City of Fairfield, Solano County, California (letter report)	Archeo-Tec
S-023549		1998	Allen G. Pastron	Archival Literature Review and On-Site Archaeological Surface Reconnaissance of the Paradise Valley NW, Unit 1, Property, an Approximately 15 Acre Parcel of Land Located Adjacent to the Paradise Valley Golf Course, Fairfield, Solano County	Archeo-Tec Inc.
S-023669		2001	Charlane Gross	Negative Archaeological Survey Report for the Proposed Abernathy Bike Path Construction Project, Solano County, California	KEA Environmental, Inc.
S-023787		2000	Katherine Flynn	Recommended Procedures to Minimize Potential Adverse Impacts to Cultural Resources Within Phase III, Rancho Solano Development, Fairfield, Solano County (letter report)	
S-023790		2001	Barbra Siskin	Cultural Resources Investigations for Relief Sewer Project, Solano County, California	Jones & Stokes
S-023920		2001	William Self	Inspection of Line Section 25, Solano and Yolo Counties, California (letter report)	William Self Associates, Inc.
S-024034	Caltrans - EA 04-249-OT1600	2001	Kathleen McBride	Historic Property Survey Report for the Proposed Reconfiguration of I-80/I-680 Interchange Connectors and Construction of Interstate 80 Auxiliary Lanes, 04-Sol-80 KP 20.6/25.59 (PM 12.8/15.9) EA 04-249-OT1600	Caltrans, District 4

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-024034a		2001	Jennifer A. Ferneau	Negative Archaeological Survey Report for the Proposed Reconfiguration of I-80/I-680 Interchange Connectors and Construction of Interstate 80 Auxiliary Lanes, 04-Sol-80 KP 20.6/25.59 (PM 12.8/15.9) EA 04-249-OT1600	Caltrans, District 04
S-024592		2001	Denise Furlong and Kim Tremaine	Archaeological Monitoring for WS01 Long Haul Fiber Optic Segment, Between Sacramento and Emeryville, California	Tremaine & Associates, LLC
S-024592 a		1999		Level 3 Long Haul Fiber Optics Project, Cultural Resources Procedures	Parsons Brinckerhoff Network Services
S-024592aa		2000	Don Bignell	West Side of ILA in Suisun City, MP48 WS01 (letter report)	Tremaine & Associates
S-024592b		1999	Jim Railey and Howard Higgins	Level 3 Long Haul Fiber Optics Project, Cultural Resources Management Plan for California Routes, Research Design	TRC Mariah Associates, Inc.
S-024592bb		2000	Kim Tremaine	Southern Carquinez Straits Alternate Route Survey, WS01 (letter report)	Tremaine & Associates
S-024592c		2000	Kim Tremaine	Results of Utility Locating & Site Boundary Delineation for CA-CCO-258, Rodeo, California	Tremaine & Associates
S-024592cc		2000	Kim Tremaine	Northern Carquinez Straits Alternate Route, WS01 (letter report)	Tremaine & Associates
S-024592d		2000	Kim Tremaine	Results of Site Monitoring During Utility Locating for CA-CCO-270, San Pablo, California	Tremaine & Associates
S-024592dd		2000	Don Bignell	Maritime Academy Right of Way Extension, WS01 (letter report)	Tremaine & Associates
S-024592e		2000	Kim Tremaine	Results of Site Boundary Testing at CA-ALA-304, North and South of Cerrito Creek, in Albany, California	Tremaine & Associates
S-024592f		2000	Kim Tremaine	Site Damage Assessment for CA-ALA-304	Tremaine & Associates
S-024592g		2000	Kim J. Tremaine	Results of Site Monitoring During Utility Locating for CA-ALA-307, in West Berkeley, California	Tremaine & Associates
S-024592h		1999		Results of Minimal Testing at the Buried Shell Midden Location, MP20, in Pinole, California	Tremaine & Associates

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-024592l		1999	Kim J. Tremaine	Results of Site Boundary Testing of the Buried Shell Midden at MP20 in Pinole, California	Tremaine & Associates
S-024592j		2000	Kim Tremaine	Results of Site Monitoring During Utility Locating for Unanticipated Discovery MP20, Pinole, California	Tremaine & Associates
S-024592k		2000	Kim Tremaine	Incident Report on Frak-Outs at MP8 & MP20	Tremaine & Associates
S-024592l		2000	Kim J. Tremaine	Results of Site Boundary Testing for the School House Creek Site, in West Berkeley, California	Tremaine & Associates
S-024592m		2000	Kim J. Tremaine	Results of Testing for the Presence of Shell Midden Between Virginia and Delaware Streets, West Berkeley, California	Tremaine & Associates
S-024592n		1999	Kim Tremaine	Hayward Survey, MP23.79-23.88, WS07 (letter report)	Tremaine & Associates
S-024592o		1999	Kim Tremaine	Jameson Canyon Survey, MP 57, WS01 (letter report)	Tremaine & Associates
S-024592p		2000	Kim Tremaine	Richmond Parkway Survey, MP15, WS01 (letter report)	Tremaine & Associates
S-024592q		2000	Kim Tremaine	Holly Oak Ranch Survey, MP59, WS01 (letter report)	Tremaine & Associates
S-024592r		2000	Kim Tremaine	Cordelia Survey, WS01 (letter report)	Tremaine & Associates
S-024592s		2000	Kim Tremaine	Crockett Survey, ~MP25, WS01 (letter report)	Tremaine & Associates
S-024592t		2000	Kim Tremaine	San Jose Survey, MP 43, WS07 Route Extension (letter report)	Tremaine & Associates
S-024592u		2000	Kim Tremaine	Fremont Survey, MP 28, WS07 (letter report)	Tremaine & Associates
S-024592v		2000	Kim Tremaine	Jameson Canyon Survey, MP58, WS01 (letter report)	Tremaine & Associates
S-024592w		2000	Kim Tremaine	Maritime Academy Survey, WS01 (letter report)	Tremaine & Associates
S-024592x		2000	Kim Tremaine	Maritime Academy TEWS, WS01 (letter report)	Tremaine & Associates
S-024592y		2000	Don Bignell	Results of Broadway Street and South River Road Survey (letter report)	Tremaine & Associates
S-024592z		2000	Don Bignell	Carquinez Bridge South, TEWS Survey, MP25, WS01 (letter report)	Tremaine & Associates

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-024605		2002	Meta Bunse	Mitigation and Monitoring Program for the West Texas Site Demolition Project, Fairfield, Solano County, California	JRP Historical Consulting Services
S-024754		2002	Scott Billat	Cultural Resource Assessment for the Nextel I-80/ Route 12 (CA-2407) Cellular Facility in Fairfield, California (letter report)	Earth Touch, Inc.
S-024838		2002	Lorna Billat	Nextel Communications Evaluation of Proposed Cellular Facility (Nextel Site Number CA-0167A-"Downtown Fairfield"), California (letter report)	Earth Touch LLC
S-025254		2000	Miley Holman	Archaeological Field Inspection of the Commerce Court Project Area, Fairfield, Solano County, California (letter report)	Holman & Associates
S-025305		2002	Miley Holman	Archaeological Field Inspection of 201,225 and 237 East Alaska Avenue, Fairfield, Solano County, California (letter report)	
S-025311	Voided - S-022073; Voided - S-026059; Voided - S-026413; Voided - S-026690; Voided - S-028381; Voided - S-028382; Voided - S-029042; Voided - S-031839	2002	Leigh Martin and William Self	Cultural Resources Assessment Report, SFPP, L.P. Proposed Concord to Sacramento Pipeline Project	William Self Associates, Inc.
S-025311a		2002	Leigh Martin and William Self	Cultural Resources Assessment Report SFPP, L.P. Proposed Concord to Sacramento Pipeline Project, Addendum One - Proposed Route No. 5	William Self Associates, Inc.
S-025311b		2003	Leigh Martin and William Self	Cultural Resources Assessment Report SFPP, L.P. Proposed Concord to Sacramento Pipeline Project, Addendum Two - Proposed Wickland Connection Route	William Self Associates, Inc.
S-025311c		2003	Leigh Martin and William Self	Cultural Resources Assessment Report, SFPP, L.P. Proposed Concord to Sacramento Pipeline Project, Addendum Three - Proposed Reroute Nos. 1, 11, 11A, and 12	William Self Associates, Inc.

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-025311d		2004	Leigh Martin and William Self	Cultural Resources Assessment Report, SFPP, L.P. Proposed Concord to Sacramento Pipeline Project, Addendum Four - Proposed Reroute Nos. 1, 2, 4, 6, 7, and 8	William Self Associates, Inc.
S-025311e		2004	Leigh Martin and William Self	Cultural Resources Assessment Report - Addendum Five, SFPP, L. P. Proposed Concord to Sacramento Pipeline Project, Survey of Previously Inaccessible Properties	William Self Associates, Inc.
S-025311f		2005	Allen Estes	Final Monitoring Report, SFPP Concord to Sacramento Pipeline Project, Contra Costa, Solano, and Yolo Counties, California	William Self Associates, Inc.
S-025311g		2004	Leigh Martin, Kyle Brown, and William Self	Cultural Resources Assessment Report, Proposed Construction Yards Nos. 1, 2, 3, and 4, SFPP, L.P Concord to Sacramento Pipeline Project	William Self Associates, Inc.
S-025311h		1999	William Self	Archaeological Survey of Six Areas along SFPP Line Section 25, Solano County, CA. (letter report)	William Self Associates, Inc.
S-025880		2002	Charlane Gross	Results of an Archaeological Survey at Travis Air Force Base, Contract Number DACW05-99-D-0006-0014 (letter report)	EDAW
S-026842		2002	John Holson	SF-243-01, California Shingle, Solano County, CA (letter report)	Pacific Legacy, Inc.
S-027388		2003	Carolyn Losee	Cultural Resources Analysis for Metro PCS Site No. SFA-Z02-328B "Martin Hill Water Tank" (letter report)	Archaeological Resources Technology
S-027641		2003	William Self	Archaeological Survey and Assessment of Proposed Fairfield-Suisun Sewer District Treatment Plant Expansion; Located at 1010 Chadbourne Road, Fairfield, Solano County, California (letter report)	William Self Associates, Inc.
S-028612		2003	Lorna Billat	SHPO Review of FCC Undertaking, Air Base Pkwy / CA-2714A	Earth Touch, Inc.

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S-028653	OHP PRN - HUD031014G; OTIS Report Number - HUD 2015_0220_002; OTIS Report Number - HUD_2016_0201_003	2003	Miley Paul Holman	Phase I Cultural Resources Study of the Casa Nova Mobile Home Park Soundwall Upgrade Project, Fairfield, Solano County, California	Holman & Associates
S-028653a		2015	Richard W. Hancock and Carol Roland-Nawi	RE: HUD 2015_0220_002: Retaining Wall Reconstruction Project Located 2701 Martin Road, Fairfield	OHP, City of Fairfield
S-028653b		2003	Jon R. Hillard, Knox Mellon, and E. Timothy Jones	RE: HUD031014G: Re: Soundwall Upgrade in Front of the Casa Nova Mobile Park at 2701 Martin Road, Fairfield, CA	OHP, City of Fairfield
S-028653c		2016	Brian K. Miller	HUD_2016_0201_003, Street/Driveway Repair & Construction of Retaining Wall of 2701 Martin Road, Fairfield	City of Fairfield; Office of Historic Preservation
S-028902		2004	Carolyn Losee	Cultural Resources Analysis for Golden State Towers Project No. Ca 0198, "Rancho Solano", Fairfield, Solano County, California.	Archaeological Resources Technology
S-028927		2004		Cultural Resources Study of the AT&T Wireless Services Site No. SNFCCA2025, Travis Aero Club, 606 Parker Road, Fairfield, Solano County, California 94533	Historic Resource Associates
S-029318		2004	Scott Billat	Construction of a 45 foot monopole and new equipment shelter, Travis NW/CA-2686A, 520 Parker Road, Fairfield, CA.	Earth Touch, Inc
S-029492		2001	Lorna Billat	Nextel Communication CA-0166A, West Fairfield, 2300 Boynton Avenue, Fairfield, California.	Earth Touch, Inc
S-029879		1998	Earth Tech	Archaeological Investigation for the Burke Property.	Earth Tech

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S-029920	Agency Nbr - Corps File No. SPK 2003- 00760; OHP PRN - COE120831A; Submitter - LSA #SPH530; Voided - S-38052; Voided - S-38053	2003	Eric Wohlgenuth, Jeff Rosenthal, and Mary Maniery	Archaeological Survey for the Lower Lagoon Valley, Solano County, California. (Draft)	Far Western Anthropological Research Group, Inc., PAR Environmental Services, Inc.
S-029920a		2005	Alex DeGeorgey	Geoarchaeological Study for the Lower Lagoon Valley Policy Plan Implementation Project, Vacaville, Solano County, California	Sentinel Archaeological Research, LLC
S-029920b		2009	Christian Gerike, Stacy Kozakavich, and Heather Blind	Archaeological Plan for Identification and Evaluation of the Pena Residential Complexes: Lower Lagoon Valley Policy Plan Implementation Project, Vacaville, Solano County, California	LSA Associates, Inc.
S-029920c		2010	Heather Blind and Christian Gerike	Lower Lagoon Valley Policy Plan Implementation Project, Supplemental Cultural Resources Study: Nelson Road, Vacaville, Solano County, California	LSA Associates, Inc.
S-029920d		2010	Lewis E. Somers, Stacy Kozakavich, and Heather Blind	Geophysical Survey of the Pena Residential Sites, Lower Lagoon Valley Policy Plan Implementation Project, Vacaville, Solano County, California	Archaeo-Physics, LLC; LSA Associates, Inc.
S-029920e		2010	Heather Blind	Lower Lagoon Valley Policy Plan Implementation Project, Vacaville, Solano County, California: Tooby Forebay Evaluation (Army Corps Public Notice #200300760; LSA Project #SPH530) (letter report)	LSA Associates, Inc.
S-029920f		2012	Phillip Kaijankoski, Naomi Scher, and Jack Meyer	Extended Phase 1 Geoarcheological Investigation for the Lower Lagoon Valley Project, Solano County, California	Far Western Anthropological Research Group, Inc.
S-029920g		2019	Julianne Polanco and Chandra Jenkins	COE120831A, Section 106 Consultation for the Lower Lagoon Valley Development Project in Solano County, California (Corps File No. SPK 2003-00760)	Office of Historic Preservation, U.S. Army Corps of Engineers
S-029923		2003	Keith O'Connell	Results of Archaeological Survey Conducted at proposed "Travis Air Force Base" Verizon Wireless Tower Site, Solano County, California (letter report)	URS Corporation

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-030195		2005	Allen Estes and William Self	Archaeological Survey Report, Fairfield-Vacaville Train Station Project, Solano County, CA.	William Self Associates, Inc.
S-030509	Submitter - Project RY148 54/05	2005	Heidi Koenig	A Cultural Resources Study for Solano Community College, Fairfield, Solano County, California	Anthropological Studies Center, Sonoma State University
S-030528		1999	Randall Dean	The Serpas Ranch, An Historical Archaeological Assessment	Holman & Associates
S-030659	Submitter - LSA Project No. CND230	2005	E. Timothy Jones and Ben Matzen	A Cultural and Paleontological Resources Study for the Crosstown Waterline Project, Fairfield, Solano County, California.	LSA Associates, Inc.
S-030867	Submitter - RY 148 Job 54-05	2005	Jack McIlroy and Adrian Praetzellis	Archaeological Test Excavations at Solano Community College, Fairfield, California (CA-SOL-243 Vicinity)	Anthropological Studies Center, Sonoma State University
S-030885		2005	Randy Groza and Benjamin Matzen	A Cultural and Paleontological Resources Study for the Vanden High School Renovation Project, Fairfield, Solano County, California.	LSA Associates, Inc.
S-031596		2005	Jeffrey B. Fentress	Preliminary Cultural Resource Assessment of the Peabody Road Property, Fairfield, California	Holman and Associates
S-031651	Submitter - LSA Project No. COF530	2005	E. Timothy Jones and Ben Matzen	A Cultural and Paleontological Resources Study of Three Locations for the Allan Witt Park Revitalization Project, Fairfield, Solano County, California	LSA Associates, Inc.
S-031922		2006	Kelly R. Heidecker and Damon Mark Haydu	Cultural Resources Study, City of Suisun City, Central Bikeway Gap Closure Project	Analytical Environmental Services
S-031929	Caltrans - EA 04-264-0A5200; Submitter - Contract No. 16009	2006	Leigh Martin and William Self	Historic Property Survey Report, Solano North Connector, Fairfield, Solano County, California; SOL 12 KP 3.9 (PM 2.4), SOL 80 KP 25.9 (PM 16.2), EA 04-264-0A5200, Contract No. 16009	William Self Associates, Inc
S-031929a		2006	Leigh A. Martin	Archaeological Survey Report, Solano Transportation Authority, Fairfield, Solano County, California; SOL 12 KP 3.9 (PM 2.4), SOL 80 KP 25.9 (PM 16.2), EA 04-264-0A5200, Contract No. 16009	William Self Associates

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S-031929b		2006	Morgan Rieder	Historical Resources Evaluation Report, Solano North Connector, Fairfield, Solano County, California, SOL 12 KP 3.9 (PM 2.4), SOL 80 KP 25.9 (PM 16.2), EA 04-264-0A5200, Contract No. 16009	William Self Associates
S-031956		2006	Wayne H. Bonner and James M. Keasling	Cultural Resource Records Search Results and Site Visit for T-Mobile Telecommunications Facility Candidate BA10459 (Hilborn Water Tank), 2550 Hilborn Road, Fairfield, Solano County, California (letter report)	Michael Brandman Associates
S-032047	OHP PRN - FHWA060216A	2005	Barbra Siskin and Mark Bowen	Historic Property Survey Report, Historical Resources Evaluation Report, and Archaeological Survey Report, Jepson Parkway Project, Caltrans District 4, Solano County	Jones & Stokes
S-032047a		2005	Madeline R. Bowen	Historical Resources Evaluation Report, Jepson Parkway Project, Caltrans District 4, Solano County	Jones & Stokes
S-032047b		2005	Barbra Siskin	Archaeological Survey Report, Jepson Parkway Project, Caltrans District 4, Solano County	Jones & Stokes
S-032047c		2003	Knox Mellon, Jennifer Darcangelo, and Milford Wayne Donaldson	Determinations of Eligibility for the Proposed Jepson Parkway Project, Solano County, CA	California Office of Historic Preservation; California Department of Transportation
S-032108		2006	Scott Billat	Collocation ("CO") Submission Packet, FCC Form 621, Suisun Valley, BA-10025A	Earth Touch, Inc.
S-032252	Submitter - LSA Project No. GVP0601	2006	Neal Kaptain	Historical Documentation, Neitzel Farm Main Residence, Fairfield, Solano County, California	LSA Associates, Inc.
S-032369		2006	Allen Estes, Aimee Arrigoni, Thomas Young, James M. Allan, and William Self	Archaeological Survey Report, Fairfield-Vacaville Train Station Project, Solano County, CA	William Self Associates, Inc.
S-032514	Submitter - QA705 75/05	2006	Michael Stoyka and Adrian Praetzellis	Archaeological Monitoring for Hot and Cold Water Conveyance Replacement at Solano Community College, Fairfield, California	Anthropological Studies Center, Sonoma State University.

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S-032597		2006	Lisa Holm	Archaeological Survey of Fairfield Switch Cell Site, Solano County (Clayton Project No. 33106-006716.00: PL. No. 922-142)	Pacific Legacy, Inc.
S-032983		2007	Carolyn Losee	Cultural Resources Analysis for Telecommunications Site #BA-20052: 4488 Tolenas Road, Fairfield, CA 94533 (letter report)	Archaeological Resources Technology
S-032992		2006	Colin I. Busby	Preliminary Archaeological Resources Assessment - 3933 Suisun Valley Road (Koros Parcel), Fairfield, Solano County, California (letter report)	Basin Research Associates, Inc.
S-033061	Submitter - SWCA Cultural Resources Report Database No. 06-507; Submitter - SWCA Report No. 10715-180	2006	Nancy Sikes, Cindy Arrington, Bryon Bass, Chris Corey, Kevin Hunt, Steve O'Neil, Catherine Pruet, Tony Sawyer, Michael Tuma, Leslie Wagner, and Alex Wesson	Cultural Resources Final Report of Monitoring and Findings for the Qwest Network Construction Project, State of California	SWCA Environmental Consultants
S-033061a		2006		Cultural Resources Final Report of Monitoring and Findings for the Qwest Network Construction Project, State of California	SWCA Environmental Consultants
S-033061b		2007	Nancy E. Sikes	Final Report of Monitoring and Findings for the Qwest Network Construction Project (letter report)	SWCA Environmental Consultants
S-033263		2006	Thomas Martin	Section 106 Review, TCNS ID 16600, Collocation and Expansion of an Existing 35' Monopole Tower, 3021859; Green Valley, 1620 Mason Road, Fairfield, CA 94585, Solano County	Martin & Associates Environmental Services, Inc.
S-033265	Other - 089; Other - GMI Project #1114-089-f; Submitter - DACA63-93-D-0014	1996	Karen J. Weitze	Travis Air Force Base, Fairfield, California: Inventory of Cold War Properties	United States Air Force, Air Mobility Command
S-033534		2007	Kate Erickson	A Cultural Resources Survey of Santa Eulalia, on the Pienovi Property, 3939 Suisun Valley Road, Fairfield, Solano County, California	Anthropological Studies Center, Sonoma State University

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S-033902	Submitter - LSA Project #GVP0601	2007	Christian Gerike and Neal Kaptain	Geoarchaeological Study for the Fairfield Corporate Commons Project, Fairfield, Solano County, California	LSA Associates, Inc.
S-034088		2007	Jason Coleman and Vicki Beard	Cultural Resources Survey Report and Historic Property Survey Report for the Smith Ranch Project, Solano County, California	Solano Archaeological Services; Tom Origer and Associates
S-034315		2004		Cultural Resources Inventory and Evaluation of the Fairfield Corporate Commons Project, City of Fairfield, Solano County, California	Jones & Stokes
S-034410	Submitter - LSA Project No. CND0701; Submitter - LSA Project No. CND1301; Submitter - LSA Project No. CND230	2007	E. Timothy Jones	A Cultural and Paleontological Resources Study for the East-West Water Transmission Pipeline Project, Phase 2, Fairfield, Solano County, California	LSA Associates, Inc.
S-034410a		2005	E. Timothy Jones and Ben Matzen	A Cultural and Paleontological Resources Study for the East-West Water Transmission Pipeline Project	LSA Associates, Inc.
S-034410b		2016	John Kelley	Addendum for the East-West Water Transmission Pipeline, Segment 4 Section, Fairfield, Solano County, California (LSA Project No. CND1301)	LSA Associates, Inc.
S-034410c		2018	Julianne Polanco and Rick M. Bottoms	[COE_2018_1004_001] Section 106 Consultation for the City of Fairfield's proposed installation of 675 linear feet of water transmission pipeline in Fairfield, Solano County, California (Corps File Number 2018-00349N)	Office of Historic Preservation, Department of the Army
S-034877	Caltrans - EA 264100; Caltrans - EA 287900; Voided - S-34921; Voided - S-34939	2007	Alicia L. Otani	Historic Property Survey Report for the Route 12 Jameson Canyon Road Widening and Routes 12/29 Interchange Projects in Napa and Solano Counties, California: 04-NAP-12- PM 0.0/3.3, 04-SOL-12-PM 0.0/R2.6, 04 NAP 29-PM-4.2/5.5, EA 264100 & 287900	Caltrans

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-034877a		2006	Mark A. Carper	Archaeological Survey Report, Route 12 Jameson Canyon Road Widening and Route 29/Route 12 Interchange Projects in Napa and Solano Counties, California: 04-NAP-12-PM 0.0/3.3, 04-SOL-12-PM 0.0/R2.6, 04-NAP-29-PM 4.2/5.5, Expenditure Authorizations 264100 287900	Tremaine & Associates, Inc.
S-034877b		2006	Jeffrey Rosenthal	Geoarchaeological Study for the Jameson Canyon Road Widening Project, Solano and Napa Counties, California; 04-NAP/SOL-12 K.P. 0.0-5.3/0.0-R4.2 (P.M. 0.0-3.3/0.0-R2.6) EA 04-264100; Routes 29/12 Interchange, 04-NAP-29 K.P. 6.7/8.9 (P.M. 4.2/5.5) EA 04-287900	Far Western Anthropological Research Group, Inc.
S-034877c		2006	Rand Herbert	Historic Resources Evaluation Report, Route 12 Jameson Canyon Road Widening and Route 29/Route 12 Interchange Projects in Napa and Solano Counties, California: 04-NAP-12-PM 0.0/3.3, 04-SOL-12-PM 0.0/R2.6, 04 NAP 29-PM-4.2/5.5, EAs 264100 & 287900	JRP Historical Consulting
S-034877d		2006	Mark A. Carper	Draft Archaeological Survey Report for Jameson Canyon Highway Route 12 and Routes 29/12 Interchange Proposed Road Widening Improvement Project, Napa and Solano Counties, California; 04-Nap/Sol-12 KP 0.0-5.3/0.0-R4.2 (PM 0.0-3.3/0.0-R2.6), EA 04-264100 and 04-Nap-29 KP 6.7/8.9 (PM 4.2/5.5), EA 04-287900	Tremaine & Associates, Inc
S-034877e		2006	Jeffrey Rosenthal	Geoarchaeological Study for the Jameson Canyon Road Widening Project, Solano and Napa Counties, California; 04-NAP/SOL-12 K.P. 0.0-5.3/0.0-R4.2 (P.M. 0.0-3.3/0.0-R2.6) EA 04-264100; Routes 29/12 Interchange 04-NAP-29 K.P. 6.7/8.9 (P.M. 4.2/5.5) EA 04-287900	Far Western Anthropological Research Group, Inc.
S-035135	Voided - S-036668	2008	Jason A. Coleman	Cultural Resources Survey Report for the Goldfields Conservation Bank Project, Solano County, California	Solano Archaeological Services

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S-035494	Submitter - LSA Project #GVP0601	2007	Philip Kaijankoski and Christian Gerike	Subsurface Archaeological Resources Presence/Absence Study for the Fairfield Corporate Commons Project, Fairfield, Solano County, California	LSA Associates, Inc.
S-035494a		2007	Neal Kaptain	Archaeological Resources Presence/Absence Study Plan for the Fairfield Corporate Commons Project, Fairfield, Solano County, California	LSA Associates, Inc.
S-035515	Caltrans - EA 04- 0A0400	2004	Katherine Dowdall	Archaeological Survey Report, proposed climbing lane on westbound Route 12 (Jameson Canyon Road) and a left-turn pocket on eastbound Route 12, 04-SOL-12, KP 2.41/4.49, EA 04-0A0400	Caltrans
S-035529		2008	Carrie Wills	Phase I Cultural Resources Assessment, County of Solano Old Library Adaptive Reuse Project, County of Solano, Fairfield, California	Michael Brandman Associates
S-035530		2006	Carrie Wills	Phase I Cultural Resources Assessment: Claybank Adult Detention Facility Expansion Project; Fairfield, Solano County, California	Michael Brandman Associates
S-035926	OHP PRN - FHWA080716H; Submitter - Federal ID# RPSTLPLE 5923(073)	2008	Christopher Morris	Historic Properties Survey Report: Old Town Cordelia Improvement Project, County of Solano, California: RPSTLPLE 5923 (073), Cordelia Road, Solano County	JRP Historical Consulting
S-035926a		2008	Christopher McMorris	Historical Resources Evaluation Report Old Town Cordelia Improvement Project County of Solano, California	JRP Historical Consulting, LLC
S-035926b		1988	Stephen D. Mikesell	Historical Architectural Survey Report Village of Cordelia Historic District 10-SOL-680 04- 006010	California Department of Transportation
S-035926c		2008	Laura Leach-Palm and Jack Meyer	Archaeological Survey for the Old Town Cordelia Improvement Project, Cordelia Road, Transportation for Livable Communities Grant, for the Department of Resource Management Public Works Engineering, Solano County	Far Western Anthropological Research Group, Inc.
S-035926d		2008	Christopher McMorris	Finding of Effect for the Old Town Cordelia Improvement Project County of Solano, California	JRP Historical Consulting, LLC

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S-035926e		2008	Gregory P. King	FHWA080716H: Finding of No Adverse Effect for the Old Town Cordelia Improvement Project, Solano County	California Department of Transportation
S-035981	Submitter - EBI Project No. 61100252	2010	Aniela Travers	Cultural Resources Analysis, Leo's RV Storage/CA-VLJ0046B, 1179A Western Street, Fairfield, Solano County, California 94533, EBI Project No. 61100252	EBI Consulting
S-036209		2009	Carolyn Losee	Cultural Resources Investigation for Verizon Site #188654 "Paradise Valley Golf" Adjacent to 4333 Paradise Valley Road, Fairfield, Solano County, California 94533	Archaeological Resources Technology
S-036218		2009	Heather Blind	Summary of Archaeological Studies of the Stonedene Property (APN 027-391-01), 4015 Suisun Valley Road, Fairfield, California (LSA Project #STU0901) (letter report)	LSA Associates, Inc.
S-036373	OHP PRN - COE060802A; Submitter - LSA Project #GVP0601	2009	E. Timothy Jones and Thea Fuerstenberg	Cultural Resources Monitoring for the Fairfield Corporate Commons Project; Fairfield, Solano County, California	LSA Associates, Inc.
S-036373a		2007	Milford Wayne Donaldson and Jane M. Hicks	COE060802A; File No. 29156N [Section 106 Consultation (Rnd. 03) on the Proposed Fairfield Corporate Commons Project, Solano County, California]	Office of Historic Preservation; U.S. Army Corps of Engineers
S-036425		2008	E. Timothy Jones	Cultural and Paleontological Resources Study for the Green Valley Plaza Project, Fairfield, Solano County, California. (LSA Project #COF0801)	LSA Associates, Inc.
S-036504		2009	Jason Coleman	Cultural Resources Survey Report for the Rehab Project; City of Fairfield, Solano County, California	Solano Archaeological Services
S-037135		2010	Jennifer Redmond	A Cultural Resources Study for the Hennessey Creek Modification Project, Green Valley, Solano County, California	LSA Associates, Inc.
S-037835		2011	E. Timothy Jones	Archaeological Investigations at CA-SOL-243, East - West Water Transmission Pipeline Project, Fairfield, Solano County, California	LSA Associates, Inc.
S-037836		2009	Barbara Siskin and Cassidy DeBaker	Cultural Resources Investigation for the Line 210A ILI Project, Solano County, California	Garcia and Associates

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S-037842		2010	Jennifer Redmond	Cultural and Paleontological Resources Study for the Red Top Reservoir Project, Fairfield, Solano County, California (LSA Project #CND0903) (letter report)	LSA Associates, Inc.
S-038154		2011	Jennifer Thomas	Peabody Distribution Planning Area Capacity Increase Project - Cultural Resources Investigation (letter report)	Far Western Anthropological Research Group, Inc.
S-038220		2007		Neitzel Farm, Fairfield, California, Historic Property Treatment Plan	Architectural Resources Group
S-038366		2011	Jason A. Coleman	Cultural Resources Survey Report for the Lateral 57A Pipeline Replacement Project (W.O. 11-2064), Solano County, California	Solano Archaeological Services
S-038627	Caltrans - EA/ID 4A2500/0400001121	2012	William Hildebrandt, Jack Meyer, Julia Costello, Patricia Mikkelsen, and John Berg	Survey and Extended Phase I Investigations for the Solano 80 Corridor Project, Solano County, California, EA/ID 4A2500/0400001121, Solano 80 Post Miles 0.0-44.4	Far Western Anthropological Research Group, Inc.
S-041950		2013	Amy Foutch Porras	PG&E PSEP DFM 0604-16 - Travis Air Force Base, Solano County, California (letter report)	Far Western Anthropological Research Group, Inc.
S-042234	Submitter - LSA Project No. CTG530	2013	Phil Fulton	Cultural Resource Assessment Class III Inventory: Verizon Wireless Services, Paradise Valley Golf Facility, City of Fairfield, Solano County, California	LSA Associates, Inc.
S-042485	OHP PRN - USAF030129A; Submitter - AFI 32-7065	2003		Draft Integrated Cultural Resources Management Plan, Travis Air Force Base, Fairfield, California	Parsons
S-042710	Other - BUR120322B	2012	Scott A. Williams	MP-153 Cultural Resources Post Field Summary Record (11-MPRO-264), Geotechnical and Seismotectonics Investigation, Terminal Dam, Safety of Dams	Bureau of Reclamation
S-044150		2013	Alex DeGeorgey	Cultural Resources Constraints Report: Tabor and Dover Regulation Station Rebuild, Fairfield, Gas Distribution Project	Alta Archaeological Consulting
S-044157	Agency Nbr - PM Number: 30931138	2013	Mark Kile	Cultural Resources Constraints Report: Peabody 2109-Fairfield Pole Replacements and New Pole Installations	Cardno/ENTRIX

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S-044162	OHP PRN - BUR_2014_0423_001	2013	Jason A. Coleman	Cultural Resources Survey Report for the Manuel Campos Parkway Crossing of Putah South Canal Project, City of Fairfield, Solano County, California	Solano Archaeological Services
S-044162a		2014	Carol Roland-Nawi and Anastasia T. Leigh	BUR_2014_0423_001; Manual Campos Parkway Crossing of the Putah South Canal, Fairfield, Solano County, California (12-CCAO-031)	Office of Historic Preservation;United States Department of Interior
S-044432	Caltrans - EA 0A534	2013	Paul Farnsworth	Extended Phase I Excavation Report: I-80/I-680/SR-12 Interchange Project, Initial Construction Package, Western Segment, Solano County, California, E.A. 0A534; 04-SOL-80 PM 12.0-13.2; 04-SOL-680 PM 12.8-13.1; 04-SOL-SR-12 PM 2.5-4.1; Green Valley Road between Business Center Drive and Lopes Road	William Self Associates, Inc.
S-044438	Voided - S-41086	2013	Eileen Barrow and Vicki Beard	A Cultural Resources Survey of the Property at 2658 Cordelia Road Fairfield, Solano County, California	Tom Origer & Associates
S-044438a		2012	Vicki Beard	Archival Search Results for the Property at 2658 Cordelia Road, Fairfield, Solano County	Tom Origer & Associates
S-044438b		2012	Vicki Beard	Archival Search Results for the Property at 2658 Cordelia Road, Fairfield, Solano County	Tom Origer & Associates

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S-045102	Caltrans - EA 0A5300; OHP PRN - FHWA091021B	2009	Madeline Bowen	Historic Property Survey Report, 1-8011- 680/SR 12 Interchange Project, California Department of Transportation, District 4, Solano County, California	ICF Jones & Stokes

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S-045102a		2009	Madeline Bowen	Historical Resources Evaluation Report I-80/I-680/SR12 Interchange Project CA Department of Transportation, District 4 Solano County, CA	ICF Jones & Stokes
S-045102b		2009	Alisa Reynolds	Archaeological Survey Report, 1-8011-680JSR 12 Interchange Project, California Department of Transportation, District 4, Solano County, California; 04-S0L-80 PM 10.8-17.0; 04-S0L-680 PM 10.0-13.1; 04-S0L-SR 12W PM 1.7-2.8; and 04-S0L-SR 12E PM 1.8-4.8	ICF Jones & Stokes
S-045102c		2011	Alisa Reynolds	Historic Property Treatment Plan, I-80/I-680/SR 12 Interchange Project, California Department of Transportation, District 4, Solano County, California, EA 0A5300	ICF Jones & Stokes

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S-045102d		2011	Anmarie Medin	[FHWA091021B]; Submittal of draft Programmatic Agreement Being Prepared for the Interstate 680/State Route 12 Interchange Project, Solano County, California	Department of Transportation, Division of Environmental Analysis; Office of Historic Preservation
S-045102e		2010	Alisa Reynolds,	Archaeological Extended Phase I and Geoarchaeological Assessment	ICF Jones & Stokes
S-045102f		2009	Milford Wayne Donaldson and Jennifer Darcangelo	FHWA091021B Historic Property Survey Report for the I-80/I-680/SR-12 interchange project in Solano County (EA 0A5300)	California Department of Transportation District 4; Office of Historic Preservation
S-045221	OHP PRN - USAF_2014_0702_001	2014	Brian L. Sassaman	"FY 15 Demolition Program at Travis Air Force Base	USAF
S-045221a		2014	Carol Roland-Nawi	USAF_2014_0702_001; Section 106 Consultation for Fiscal Year 2015 19 Building Demolition Program, Travis Air Force Base, Solano County	Office of Historic Preservation
S-046126	OHP PRN - FCC_2015_1016_001 ; Submitter - 310485	2015	Carolyn Losee and Stephen Geist	FCC Form 620 New Concealed Tower Build Submission Packet: Horizon Tower CA4029 "Fairfield" 4940 North Gate Road, Fairfield, Solano County, California, GE2G Project number: 310485	Archaeological Resources Technology, Geist Engineering & Environmental Group, Inc. GE2G
S-046126a		2015	Carolyn Losee	Cultural Resources Investigation for Horizon Tower CA4029 "Fairfield" 4940 North Gate Road, Fairfield, Solano County, California	Archaeological Resources Technology
S-046126b		2015	Julianne Polanco	FCC_2015_1016_001: CA4029 "Fairfield" 4940 North Gate Road, Fairfield, Newark, Solano County, New Tower	Office of Historic Preservation
S-046405		2013	Amy Foutch Porras and Philip Kaijankoski	Cultural Resources Study of the PG&E Hydrostatic Test Segment T-091B-13 on Line 210B, Solano County	Far Western Anthropological Research Group, Inc.
S-046407		2013	Amy Foutch Porras	Cultural Resources Study of the PG&E Hydrostatic Test Segment T-225-13, on DFM-0604-07, Solano County, California	Far Western Anthropological Research Group, Inc.
S-047089	Submitter - QC271 70-14 WO# 30781875	2015	Kate Erickson Green	An Archaeological Survey Report for Pacific Gas and Electric's Green Valley Creek Bank Stabilization Project, Solano County, California	Anthropological Studies Center, Sonoma State University

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S-047226	Caltrans - 04-SOL CML-5032(026); Submitter - IR Project no. 2013-055-01; Submitter - Federal Project No. CML-5032(026)	2015	Kimberly J. Butt	Historic Property Survey Report, Suisun-Fairfield Train Depot Renovation Project at 177 Main Street, Suisun City, Solano County, California, CML-5032(026)	Interactive Resources, Inc.
S-047226a		2014	Kimberly Butt	Historic Resource Evaluation Report for the Suisun-Fairfield Train Depot Renovation Project, Suisun City, Solano County, California CML 5032 (026), CW-SOL-5032-1	Interactive Resources, Inc.
S-047226b		2014	E. Timothy Jones	Archaeological Survey Report for the Suisun-Fairfield Train Depot Renovation Project, Suisun City, Solano County, California CML 5032 (026), CW-SOL-5032-1	LSA Associates
S-047226c		2015	Kimberly Butt	Secretary of the Interior's Standards for the Treatment of Historic Properties Action Plan for the Suisun-Fairfield Train Depot Renovation Project, Suisun City, Solano County, California CML 5032 (026), CW-SOL-5032-1	Interactive Resources, Inc.
S-047226d		2015	Kimberly Butt	Secretary of the Interior's Standards for the Treatment of Historic Properties Action Plan for the Suisun-Fairfield Train Depot Renovation Project, Suisun City, Solano County, California CML 5032 (026), CW-SOL-5032-1 - FINAL SIGNED	Interactive Resources, Inc.
S-047226e		2014		Suisun-Fairfield Train Depot Renovation Conceptual Design Study, IR Project no. 2013-055-01, Federal Project No. CML-5032(026)	Interactive Resources, Inc.
S-047256	OHP PRN - FCC_2015_0506_002; Submitter - BA90348A (Monotree on Hill)	2015	Carrie D. Wills	New Tower ("NT") Submission Packet, FCC Form 620, BA90348A (Monotree on Hill), Poppy Hills Court, Fairfield, CA 94533	Environmental Assessment Specialists, Inc.
S-047256b		2015	Carol Roland-Nawi	FCC_2015_0506_002: BA90348A (Monotree on Hill) Poppy Hills Court, Fairfield, Solano County, New Tower	Office of Historic Preservation Department of Parks and Recreation

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S-047928	OHP PRN - FCC_2015_1019_008	2015	Carrie D. Wills and Kathleen Crawford	FCC Form 621 Collocation Submission Packet: BA00402A (SF402 PG&E Tower- Budweiser) 301 Busch Drive, Fairfield, CA 94534	Environmental Assessment Specialists, Inc.
S-047928a		2015	Carrie D. Wills and Kathleen A. Crawford	Cultural Resources Records Search for T- Mobile West, LLC Candidate BA00402A (SF402 PG&E Tower-Budweiser) 301 Busch Drive, Fairfield, Solano County, California	Environmental Assessment Specialists, Inc.
S-047928b		2015	Carrie D. Wills and Kathleen A. Crawford	Direct APE Historic Architectural Assessment for T-Mobile West, LLC Candidate BA00402A (SF402 PG&E Tower-Budweiser) 301 Busch Drive, Fairfield, Solano County, California	Environmental Assessment Specialists, Inc.
S-047928c		2015	Julianne Polanco	FCC_2015_1019_008: BA00402A (SF402 PG&E Tower-Budweiser) 301 Busch Drive, Fairfield, Collocation	Office of Historic Preservation
S-047933	OHP PRN - USAF_2015_0928_0 01; OHP PRN - USAF_2017_0308_0 02	2015	Brian L. Sassaman	Background Information: Q Area Historic District, Survey, Evaluation, and Recordation of the Q Area and other Cold War Era Historic Properties at Travis Air Force Base	Department of the Air Force
S-047933a		2015	Julianne Polanco and Brian L. Sassaman	USAF_2015_0928_001; Section 106 Consultation for Demolition of Building 927, Travis Air Force Base, Solano County Office of Historic Preservation	Office of Historic Preservation; Department of the Air Force
S-047933b		2017	Julianne Polanco, Matthew Blazek, and Brian L. Sassman	USAF_2017_0308_002: Section 106 Consultation for Construction of Contingency Reponse Wing Campus, Travis Air Force Base, Solano County	Office of Historic Preservation; Department of the Air Force
S-048228		2016	Daniel Shoup	Cultural Resources Investigations, Fairfield Suisun Sewer District's Wastewater Treatment Facility at 1010 Chadbourne Road, Fairfield, Solano County, California (letter report)	Archaeological/Historical Consultants
S-048299		1993	Leslie C. Glover and William R. Hildebrandt	Results of an Archaeological Investigation at Neitzel Knoll, Solano County, California	Far Western Anthropological Research Group, Inc.
S-048541	Caltrans - STPL 5923 (109)	2015	Sean Michael Jensen	Suisun Valley Bicycle and Pedestrian Improvements Project Solano County, CA	Genesis Society

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S-048541a		2015	Sean Michael Jensen	ESA Action Plan Suisun Valley Bicycle & Pedestrian Improvements Project Solano County, CA	Genesis Society
S-048541b		2015	Sean Michael Jensen	Archaeological Survey Report for Suisun Valley Bicycle and Pedestrian Improvements Project Solano County, CA	Genesis Society
S-048993	Caltrans - 0412000332; Caltrans - 04-SOL-80 PM 10.4/30.2; Caltrans - EA 04-4G0800	2014	Nathan Stevens and Jack Meyer	Archaeological Survey Report for the Interstate-80 Express Lanes Project from Red Top Road to I-505 in Solano County	Far Western Anthropological Research Group, Inc.
S-049075	Caltrans - EFIS 0000000096; OHP PRN - FHWA_2016_0630_001	2016	Michael Meloy	Historic Property Survey Report for Tree Trimming and Removal in Lake, Marin, Napa, Solano, and Sonoma Counties.	California Department of Transportation District 4
S-049075a		2016	Brett Rushing and Julianne Polanco	FHWA_2016_0630_001 Determination of Eligibility for the Proposed Valley Ford-Petaluma Road Windbreak, Sonoma County, CA (letter report)	Office of Historic Preservation; California Department of Transportation District 4
S-049229	OHP PRN - COE_2017_0403_001	2017	James M. Allan	Cultural Resources Assessment of the Ivy Wreath Project, Fairfield, CA (letter report)	William Self Associates, Inc
S-049229a		2017	Rick M. Bottoms and Julianne Polanco	COE_2017_0403_001 Section 106 Consultation for the Ivy Wreath Project, Fairfield, Solano County (COE File Number 2006-030210)	U.S. Army Corps of Engineers; California Office of Historic Preservation
S-049258	OHP PRN - EPA_2016_1220_001	2016		Section 106: Cultural Resources Investigation Report, Fairfield-Suisun Sewer District, Blower Replacement Project	SMB Environmental, Inc.
S-049258a		2016	Trevor Cleak and Julianne Polanco	EPA_2016_1220_001, Request for Concurrence on "Section 106" Compliance and a Finding of "No Historic Properties Affected" for Blower Replacement Project (Project); Fairfield-Suisun Sewer District (District); Solano County (County), California; Clean Water State Revolving Fund (CWSRF) No. C-06-8172-110	State Water Resources Control Board; Office of Historic Preservation
S-049364		2013		Cultural Report for the Strawberry Fields Project, Solano County, California	Area West Environmental, Inc; Golden Hills Consulting

Report List

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-050659	IC Record Search Nbr - 17-2297; Other - TCNS 169949; OTIS Report Number - FCC_2018_0504_002	2018	Carolyn Losee	Cultural Resources Investigation for AT&T Mobility CCL00847 "I-80 Abernathy Road" 4135 Abernathy Road, Fairfield, Solano County, California 94534 (letter report)	Archaeological Resources Technology
S-050659a		2018	Carolyn Losee	Collocation ("CO") Submission Packet, FCC Form 621; Section 106 Review, AT&T CCL00847- "I-80 Abernathy Road", 4135 Abernathy Road, Fairfield, California 94534, Solano County	Diablo Green Consulting, Inc. Archaeological Resources Technology
S-050659b		2018	Julianne Polanco	FCC_2018_0504_002; AT&T CLL00847-"I-80 ABERTNATH ROAD" 4135 Abernathy Road, Fairfield, Collocation	Office of Historic Preservation
S-051084	OTIS Report Number - BUR_2019_0206_00 1	2018	Nancy E. Sikes, Nathan Hallam, Phil Hanes, and Cindy J. Arrington	Cultural Resources Inventory for the New Cement Hill Pipeline Project, Suisun-Solano Water Authority, Solano County, California	Natural Investigations Company
S-051084a		2019	Julianne Polanco and Anastasia T. Leigh	BUR_2019_0206_001, Section 106 Consultation: Suisun-Solano Water Authority (SSWA) Cement Hill Pipeline over Putah South Canal, Fairfield, Solano County, CA (19-CCAO-018)	Office of Historic Preservation, Bureau of Reclamation
S-051236		2017	Jason A. Coleman	Cultural Resources Inventory and Evaluation Report, Pacific Flyway Center Project, City of Fairfield, Solano County, California	Solano Archaeological Services
S-051573	OTIS Report Number - USAF_2017_0606_0 01	2017	Brian L. Sassaman	Section 106 Consultation for the undertaking "Construction of a Base Civil Engineering (BCE) Complex" Travis AFB, Solano County (letter report)	Department of the Air Force
S-051573a		2017	Julianne Polanco	USAF_2017_0606_001: Section 106 Consultation for Construction of a Base Civil Engineering Complex, Travis AFB, Solano County (letter report)	Office of Historic Preservation
S-052019	Submitter - Project No. CAL1801	2019	Rhea Sanchez and Neal Kaptain	Cultural Resources Study, Allan Witt Park Renovation Project, Fairfield, Solano County, California	LSA Associates, Inc.
S-052041	Submitter - Project No. CAL1802	2019	Mariko Falke and Rhea Sanchez	Cultural Resources Study, Linear Park Node 4A Project, Fairfield, Solano County, California	LSA Associates, Inc.

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S-052094		2016	Carrie D. Wills and Kathleen A. Crawford	Cultural Resources Records Search Results for T-Mobile West, LLC Candidate BA10008A (SF0008 Heart Building) 1545 North Texas Street, Fairfield, Solano County, California (letter report)	Environmental Assessment Specialists, Inc.
S-052094a		2016	Kathleen A. Crawford	Direct APE Historic Architectural Assessment for T-Mobile West, LLC Candidate BA10008A (SF0008 Heart Building) 1545 North Texas Street, Fairfield, Solano County, California (letter report)	Environmental Assessment Specialists, Inc.
S-053090	Agency Nbr - ATPL-5132 (047)	2018	Janine Origer	Archaeological Survey Report East Tabor Avenue at the Union Pacific Railroad (UPRR) Crossing Pedestrian Safety Improvements Project, Fairfield, Solano County, California	Tom Origer & Associates
S-053090a			Vicki R. Beard	Historic Property Survey Report, East Tabor Avenue at the Union Pacific Railroad (UPRR) Crossing and Tolenas Avenue, Fairfield, Solano County, California, 04-SOL, Federal Project Number ATPL-5132 (047)	Tom Origer and Associates
S-053127	Submitter - File No. 2017-134S	2018	Taylor Alshuth and Eileen Barrow	Historical Resources Study for the Green Valley II Apartments Project, Fairfield, Solano County, California	Tom Origer & Associates
S-053311	OTIS Report Number - COE_2019_0124_001; Submitter - Corps File Number 2016-00142N	2010	Mark Carper	Cultural Resources Inventory for the Fairfield Train Station Specific Plan	AECOM
S-053311a		2011	Julianne Polanco and Katerina Galacatos	Subject: Section 106 Consultation for the proposed Canon Partners, Inc. construction of Industrial Commercial Development and Storm Drain Outfall in Solano County, California (Corps File Number 2016-00142N).	California Office of Historic Preservation; Department of the Army, San Francisco District, U.S. Army Corps of Engineers
S-053311b		2011		Cultural Resources Inventory for the Fairfield Train State Specific Plan	AECOM

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation
S-053311c		2019	Julianne Polanco and Katerina Galacatos	[COE_2019_0124_001] Section 106 Consultation for the proposed Canon Partners, Inc. construction of Industrial Commercial Development and Storm Drain Outfall in Solano County, California (Corps File Number 2016-00142N)	California Office of Historic Preservation; U.S. Army Corps of Engineers
S-053317	OTIS Report Number - COE_2019_0225_001; Submitter - Order Number 74012407	2018	Ashley Hallock	Cultural Resources Assessment Report, Pacific Gas and Electric Company R-1034 L-210C Mile Post 21.65 to 22.24, Green Valley Fault Pipeline Replacement Project, Fairfield, California (Order Number 74012407)	Stantec Consulting Services, Inc.
S-053317a		2019	Julianne Polanco and Rick M. Bottoms	[COE_2019_0225_001] Section 106 Consultation for PG&E gas transmission pipeline Line 210C replacement and realignment project	Office of Historic Preservation
S-055309	Submitter - Contract No. N6247320D0011; Submitter - Delivery Order N6247320F4304; Submitter - Technical Report 21-10	2021	James J. Clark, Scott H. Kremkau, and Joy L. Vyhmeister	Archaeological Survey of a Portion of the Wilcox Ranch Properties for the Cultural Resources Program, Travis Air Force Base, California	Statistical Research, Inc.
S-056340		2022	John A. Nadolski and Dylan Stapleton	Cultural Resources Assessment For The Fairfield Transit Village Development Project In The City Of Fairfield, Solano County, California	Natural Investigations Company
S-056860	Submitter - 2023-011S	2023	Taylor Alshuth and Eileen Barrow	Cultural Resources Study for the CEMEX Fairfield Ready-Mix Plant Project, Fairfield, Solano County, California	Archaeological Resource Service

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000007	CA-SOL-000391	Resource Name - Fairfield PEC-1	Site	Prehistoric	AP07; AP09; AP11	1994 (Sunshine Psota, Paul Tapia, Holman & Associates)
P-48-000026	CA-SOL-000018	Resource Name - [none]	Site	Prehistoric	AP09; AP15	1950 (A.R. Pilling, [none]); 1973 (E. Ritter, H. Adams, [none]); 2022 ([none], Tom Origer & Associates)
P-48-000032	CA-SOL-000024/H		Site	Prehistoric, Historic	AH05; AH12; AH16; AP02	1954 (R.M. Rulofson); 1973 (E. Ritter, R. Schultz)
P-48-000033	CA-SOL-000025/H	Resource Name - [none]	Site	Prehistoric, Historic	AH04; AH11; AP02; AP04; AP09; AP15	1954 (A.B. Elsasser, [none]); 1973 (E. Ritter, R. Schultz, [none]); 1976 (Wiant, Greenway, Keesling, [none]); 1976 (Wayne C. Wiant, [none]); 1995 (R. Milliken et. al., Far Western Anthropological Research Group, Inc.)
P-48-000053	CA-SOL-000045	Resource Name - B-10	Site	Prehistoric	AP04	1977 (Tony Drake, [none])
P-48-000063	CA-SOL-000055	Resource Name - DR-1; Resource Name - M-3	Site	Prehistoric	AP02; AP15	1977 (Tony Drake, [none]); 1978 ([none], ACRS); 1981 (E. Derr, CSU Sacramento)
P-48-000065	CA-SOL-000059	Resource Name - B-1	Site	Prehistoric	AP04	1977 (Tony Drake)
P-48-000066	CA-SOL-000060		Site	Prehistoric	AP15	1977 (HELLEN)
P-48-000072	CA-SOL-000066	Resource Name - NWIC #C-1087; Other - C-Cordelia-1; Other - Cordelia Pumping Station	Site	Prehistoric, Historic	AH02; AP07; AP09; AP15	1978 (J.E. Hellen, University of California, Berkeley); 1984 (M. Marchak); 1999 (M. Darcangelo, Far Western Anthropological Research Group, Inc.); 1999 (Kim Tremaine / Brian McEneaney, Tremaine & Associates, LLC); 2000 (J. Nelson / H. Davis, Jones & Stokes)
P-48-000073	CA-SOL-000067	Resource Name - DR-2	Site	Prehistoric	AP02; AP16	1978 (Dietz; Jackson, ACRS)
P-48-000074	CA-SOL-000068	Resource Name - EA6	Site	Prehistoric	AP02; AP09; AP15	1978 (Tony Drake, Joan E. Hellen, University of California, Davis)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000075	CA-SOL-000069	Resource Name - A	Site	Prehistoric	AP09; AP15	1978 (Theo Mabry, Archaeological Planning Collaborative)
P-48-000076	CA-SOL-000070	Resource Name - B	Site	Prehistoric	AP04; AP15	1978 (Theo Mabry, Archaeological Planning Collaborative); 1987 (M. Smith, A. Hall, Hager/Holson and Assoc)
P-48-000077	CA-SOL-000071/H	Resource Name - [none]	Site	Prehistoric, Historic	AP02; AP04; AP15	1976 (T. Weber, A. Peak); 1988 (John Rummig, Robert Orlins, California Archaeological Consultants)
P-48-000088	CA-SOL-000246	Resource Name - [none]	Site	Prehistoric	AP01	1960 (J.T. Davis, [none])
P-48-000089	CA-SOL-000247	Resource Name - [none]	Site	Prehistoric	AP01	1960 (A.R. Pilling, J.T. Davis, [none])
P-48-000096	CA-SOL-000254	Resource Name - Swanson Site; Voided - SOL-261 / P-48-000386; Other - S-254	Site	Prehistoric	AP04; AP15	1973 (E. Ritter; H. Adams, [none]); 1979 (Walt Wood, (Archaeological Planning Collaborative))
P-48-000102	CA-SOL-000260/H	Resource Name - S-252; Other - SOL-252	Site	Prehistoric, Historic	AH04; AP02; AP04; AP15	1973 (E. Ritter; R. Schulz, [none])
P-48-000103	CA-SOL-000262	Resource Name - [none]	Site	Prehistoric	AP02	1973 (E. Ritter, H. Adams)
P-48-000104	CA-SOL-000263	Resource Name - [none]	Site	Prehistoric	AP02	1973 (E. Ritter, H. Adams)
P-48-000109	CA-SOL-000268	Resource Name - Mangels Ranch	Site	Prehistoric	AP02; AP15	1977 (Eric McGuire); 1980 (David Chavez)
P-48-000114	CA-SOL-000273	Resource Name - ASC-S1	Site	Prehistoric	AP02	1980 (RONDEAU / DONDERO)
P-48-000119	CA-SOL-000278H	Resource Name - DC-80-1A	Structure	Historic	AH11	1980 (David Chavez)
P-48-000120	CA-SOL-000279H	Resource Name - Temporary Site #DC-80-1B	Site	Historic	AH02; AH03	1980 (David Chavez)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000143	CA-SOL-000307H	Resource Name - KJM-82-1; Other - Mangels Ranch	Building, Site	Historic	AH15; HP02; HP04; HP44	1982 (K. McIvers, E. Decater, C. Consiglio, B. Bennett, Archaeological Study Center, California State University, Sacramento)
P-48-000144	CA-SOL-000308H	Resource Name - KJM-82-2	Site	Historic	AH02; AH03; AH05	1982 (K. McIvers, E. Decater, C. Consiglio, B. Bennett, Sandy Taugher, Archaeological Study Center, California State University, Sacramento)
P-48-000145	CA-SOL-000309H	Resource Name - KJM-82-3	Site	Historic	AH15	1982 (K. McIvers, E. Decater, C. Consiglio, B. Bennett, Sandy Taugher, Archaeological Study Center, California State University, Sacramento)
P-48-000146	CA-SOL-000310	Resource Name - KJM-82-4	Site	Prehistoric	AP02	1982 (K. McIvers, E. Decater, C. Consiglio, California State University, Sacramento)
P-48-000148	CA-SOL-000313	Resource Name - ARS 84-28-2 Vernal Pool; Other - Travis AFB Medical Facility No. 2; Other - ARS 84-38	Site	Prehistoric	AP02	1984 (Katherine Flynn, William Roop, Archaeological Resource Service); 1989 (William Roop, Katherine Flynn, Jeff Parsons, and Lawrence Silva, Archaeological Resource Service); 1994 (Leigh Jordan, NWIC); 2017 (N. Scher, Far Western Anthropological Research Group, Inc.)
P-48-000149	CA-SOL-000314	Resource Name - ARS-84-28-1 Vernal Pool; Other - Travis AFB No. 1; Other - Travis AFB Medical Facility No. 1	Site	Prehistoric	AP02	1984 (Katherine Flynn, William Roop, Archaeological Resource Service); 1994 (Leigh Jordan, NWIC)
P-48-000150	CA-SOL-000315	Resource Name - Green Valley 'B'	Site, Other	Prehistoric	AP11; AP15	1985 (Charles Slaymaker, University of California, Davis); 1985 (Suzanne Griset, Museum, Dept. of Anthropology, UCD)
P-48-000151	CA-SOL-000316	Resource Name - Green Valley 'C'	Site	Prehistoric	AP02; AP04; AP15	1985 (Charles Slaymaker)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000175	CA-SOL-000355/H	Resource Name - Lynch Ranch Site	Site	Prehistoric, Historic	AH15; AP02; AP15	1991 (R. Wiberg, B. Stillman, E. Montes, Holman & Associates)
P-48-000176	CA-SOL-000356	Resource Name - Green Valley Creek Site	Site	Prehistoric	AP15	1991 (R. Wiberg, B. Stillman, E. Montes, Holman & Associates)
P-48-000178	CA-SOL-000383H	Resource Name - Leisure Town Road; Other - CRU-93-SOL-2H; Other - North Gate Road; Other - Leisure Town Road/Rancho Los Potos Grant Boundary; OTIS Resource Number - 587043; OHP PRN - ADOE-48-97-001-00; OHP PRN - FHWA970324A; OHP PRN - FHWA970128A	Structure	Historic	HP37	1993 (Eleanor Derr, Rick Derr, Cultural Resources Unlimited); 2002 (Charlane Gross, EDAW); 2013 (Lora Holland and Jennifer Sanka, Atkins)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000199	CA-SOL-000377H	Resource Name - Sacramento Northern Railway; Other - Swing Bridge; Other - Van Sickle Island Trestle; Other - Sacramento Northern Railroad; Other - Oakland-Antioch and Eastern Railroad; Other - VSI-1; Other - Mound; Other - C-Sacramento West 1; Other - Engineered Mound; Other - C-Dozier 1; Other - M-17; Other - C-Elmira-4; Other - SNRR 1; Other - SNRR 2; Other - SNRR 3; Other - SNRR 4; Other - C-ELMIRA-3; Other - GI-1; Other - HB-2; Other - Sacramento Northern Railroad, Embankment; Other - EA2G830-01; Other - Oakland, Antioch, & Eastern Railway; Other - S-CJ-1/38; Other - M-18; Other - OAE Railroad Grade; Other - SSP-001; Other - abandoned segment of Sacramento Northern Railway; Voided - P-48-000548; Voided - P-48-000554/CA-SOL-424H; Voided - P-48-000541/CA-SOL-420H; Voided - P-48-000547; Voided - P-48-001913/CA-SOL-510H; Voided - P-48-000515	Structure, Site, Element of district	Historic	AH02; AH06; AH07; AH15; AH16; HP11; HP19; HP39	1980; 1980; 1992 (Carrie D. Wills, William Self Associates); 1993 (M.Ribeiro, NWIC); 1999 (Barry G. Scott, Jones & Stokes Associates); 1999 (J. Nelson, H. Davis, Jones & Stokes); 2000 (J. Nelson, Jones & Stokes); 2000 ([none], Jones & Stokes); 2001 (James M. Allan, William Self Associates); 2001 (Leigh Martin, Scott Hill, Susan Huster, William Self Associates); 2002 (Charlane Gross, EDAW); 2002 (Leigh Martin, William Self Associates); 2004 (Metadata sheet. A. Neal, NWIC); 2006 (C. Corey, SWCA); 2010 (Loren Huddleson, AECOM); 2012 (Cheryl Brookshear, JRP); 2013 (Lora Holland, Atkins); 2013 (Amy Porras, Emily Carleton, FWARG); 2014 (C.Mikulik, NWIC); 2016 (Andrew Ugan, Adelina Asan, FWARG); 2018 (Megan Webb, Shane Meston, ECORP); 2019 (Ashleigh Sims, ESA)
P-48-000384	CA-SOL-000239	Resource Name - [none]	Site, Other	Prehistoric, Historic	AH01; HP01	

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000385	CA-SOL-000242	Resource Name - [none]	Site, Other			([unknown], [unknown])
P-48-000395	CA-SOL-000340	Resource Name - Rock Wall I; Other - Mangels Ranch	Structure	Historic	HP46	1989 (E. Derr, K. McIvers, R. Bethard, Cultural Resources Unlimited)
P-48-000396	CA-SOL-000341	Resource Name - Rock Wall II; Other - Mangels Ranch	Structure	Historic	AH11	1989 (E. Derr, K. McIvers, R. Bethard, Cultural Resources Unlimited)
P-48-000397	CA-SOL-000342	Resource Name - Rock Wall III; Other - Mangels Ranch	Structure	Historic	AH11	1989 (E. Derr, K. McIvers, R. Bethard, Cultural Resources Unlimited)
P-48-000398	CA-SOL-000343	Resource Name - Rock Wall IV; Other - Mangels Ranch	Site	Historic	AH11	1989 (E. Derr, K. McIvers, R. Bethard, Cultural Resources Unlimited)
P-48-000399	CA-SOL-000344	Resource Name - Historic Dump; Other - Mangels Ranch	Site	Historic	AH04	1989 (E. Derr, K. McIvers, R. Bethard, Cultural Resources Unlimited)
P-48-000407	CA-SOL-000358H	Resource Name - [none]	Site	Historic	AH02; AH03; AH04; HP33	1991 (Bruce Dalhstrom, Sonoma State University)
P-48-000408	CA-SOL-000359/H	Resource Name - Field Site 1	Site	Prehistoric, Historic	AP02; AP16	1991 (B. Dahlstrom; D. Livingston; S. Atcheley; V. Beard, SSU ASC)
P-48-000413	CA-SOL-000381H	Resource Name - [none]	Structure, Site	Historic	AH02; AH04; AH05; AH10; AH11; AH15	1993 (Eric Allison, Anthropological Studies Center, Sonoma State University); 2008 (Jason Coleman, Solano Archaeological Services)
P-48-000446		Resource Name - Village of Cordelia Historic District; Other - Cordelia; OHP Property Number - 068324; OHP PRN - DOE-48-89-0001-9999; OHP PRN - FHWA890809A; OTIS Resource Number - 470420; Other - Map Reference #6-42	District	Historic	AH09; HP02; HP04; HP05; HP06; HP15; HP18; HP33; HP39	1989 ([none], Caltrans); 2009 (K. Haley, M. Benelli, ICF Jones & Stokes)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000447		Resource Name - Thompson's Corner; OHP Property Number - 068330; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0000; Other - Studer's Casino; Other - Map Reference No. 1; OTIS Resource Number - 470426	Building, Element of district	Historic	HP06	1998 (Stephen Mikesell, Caltrans); 2006 (Cheryl Brookshear, Steve Melvin, JRP); 2008 (M Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000448		Resource Name - Glashoff House; Other - 2117 Cordelia Road; OHP Property Number - 068331; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0002; Other - Map Reference No. 2; OTIS Resource Number - 470427	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2006 (Cheryl Brookshear, Steve Melvin, JRP Historical Consulting, LLC); 2008 (M Bowen, M. Beneli, ICF Jones & Stokes)
P-48-000449		Resource Name - August Bellmer House; OHP Property Number - 068332; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0003; Other - Map Reference No. 3; OTIS Resource Number - 470428	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2006 (Cheryl Brookshear, Steve Melvin, JRP Historical Consulting, LLC); 2008 (M Bowen, M. Beneli, ICF Jones & Stokes)
P-48-000450		Resource Name - Forse House; Other - 2105 Cordelia Road; OHP Property Number - 068333; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0004; Other - Map Reference No. 4; OTIS Resource Number - 470429; Other - 2105 Cordelia Road	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2006 (Cheryl Brookshear, Steve Melvin, JRP Historical Consulting, LLC); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)

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P-48-000451		Resource Name - Loeser House; Other - 2101 Cordelia House; OHP Property Number - 068334; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0005; Other - Map Reference No. 5; Other - 2101 Cordelia Road; OTIS Resource Number - 470430	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2006 (Cheryl Brookshear Steve Melvin, JRP Historical Consulting, LLC); 2008 (M. Bowen/Maya Beneli, ICF Jones & Stokes)
P-48-000452		Resource Name - Peter Schmidt House; Other - 2097 Cordelia Road; OHP Property Number - 068335; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0006; Other - Map Reference No. 6; OTIS Resource Number - 470431	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2006 (Cheryl Brookshear, Steven Melvin, JRP Historical Consulting, LLC); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000453		Resource Name - Christian Dunker House; Other - 2091 Cordelia Road; OHP Property Number - 068336; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0007; Other - Map Reference No. 7; OTIS Resource Number - 470432	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (K. Haley, Maya Beneli., ICF Jones & Stokes)
P-48-000454		Resource Name - Emma Ball House; Other - 2092 Bridgeport Avenue; OHP Property Number - 068337; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0008; Other - Map Reference No. 8; OTIS Resource Number - 470433	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000455		Resource Name - 2100 Bridgeport Avenue; OHP Property Number - 068338; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0009; Other - Map Reference No. 9; OTIS Resource Number - 470434	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)

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P-48-000456		Resource Name - Sachau House; Other - 2104 Bridgeport Avenue; OHP Property Number - 068339; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0010; Other - Map Ref No. 10; OTIS Resource Number - 470435	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000457		Resource Name - Elliott House; Other - 2110 Bridgeport Avenue; OHP Property Number - 068340; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0011; Other - Map Ref No. 11; OTIS Resource Number - 470436	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000458		Resource Name - John Dunker House; Other - 2112 Bridgeport Ave; OHP Property Number - 068341; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0012; Other - Map Ref No. 12; OTIS Resource Number - 470437	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000459		Resource Name - 2120 Bridgeport Avenue; OHP Property Number - 068342; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0013; Other - Map Ref No. 13; OTIS Resource Number - 470438	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000460		Resource Name - 2124 Bridgeport Avenue; OHP Property Number - 068343; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0014; Other - Map Ref No. 14; OTIS Resource Number - 470439	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000463		Resource Name - Mangus House; OHP Property Number - 068345; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0016; Other - Map Ref No 16; OTIS Resource Number - 470440;	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000464		Resource Name - Henry Dunker House; Other - 2139 Bridgeport Avenue; OHP Property Number - 068346; OHP PRN - DOE-48-89-0001-0017; OHP PRN - FHWA890809A; Other - Map Ref No 17; OTIS Resource Number - 470441, 470442	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000465		Resource Name - Schinkel House; Other - 2146 Bridgeport Avenue; OHP Property Number - 068347; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0018; Other - Map Ref No 18; OTIS Resource Number - 470443	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000466		Resource Name - 2145 Bridgeport Avenue; OHP Property Number - 068348; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0019; Other - Map Ref No 19; OTIS Resource Number - 470444	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000467		Resource Name - Moiles House; OHP Property Number - 068349; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0020; Other - Map Reference No 20; OTIS Resource Number - 470445	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000468		Resource Name - Milne House; Other - 2151 Bridgeport Avenue; OHP Property Number - 068350; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0021; Other - Map Reference No 21; OTIS Resource Number - 477446	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000469		Other - Map Ref No 22; Resource Name - Root Cellar, Moile's Hotel; OHP Property Number - 068351; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0022; OTIS Resource Number - 470477	Building, Element of district	Historic	HP04	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000473		Other - Map Ref No 26; Resource Name - Bridgeport at Red Rock Road; OHP Property Number - 068356; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0027; Other - 2166 Bridgeport Avenue; OTIS Resource Number - 470452	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2007 (M. Bowen, K. Haley,, ICF Jones & Stokes)
P-48-000474		Resource Name - Map Ref No 27; Other - Bridgeport Avenue at Red Rock Rd; OHP Property Number - 068355; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0026; Other - 2164 Bridgeport Avenue;	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2009 (K. Haley, Maya Beneli,, ICF Jones & Stokes *Date)
P-48-000475		Resource Name - Livery Stable, Green Valley Hotel; OHP Property Number - 068357; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0028; Other - Map Reference No 28; OTIS Resource Number - 470453	Building, Element of district	Historic	HP04	1988 (Stephen Mikesell, Caltrans); 2007 (M. Bowen, K. Haley, ICF Jones & Stokes)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000476		Other - Map Ref No 29; Other - Residence; OHP Property Number - 068358; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0029; Resource Name - 2165 Bridgeport Avenue; OTIS Resource Number - 470454	Building, Structure, Element of district	Historic	HP03; HP04	1988 (Stephen Mikesell, Caltrans); 2007 (M. Bowen, K. Haley, ICF Jones & Stokes)
P-48-000477		Other - Map Ref No 30; Resource Name - Old Quarry; Other - Peter Siebe's Quarry; OHP Property Number - 068359; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0030	Site, Element of district	Historic	AH09	1988 (Stephen Mikesell, Caltrans); 2006 (Cheryl Brooksher, Steve Melvin, JRP); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000478		Resource Name - Firehouse; OHP Property Number - 068360; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0031; Other - Map Reference No 31	Building, Element of district	Historic	HP06	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000479		Resource Name - Dunker Brothers' Slaughterhouse; OHP Property Number - 068361; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0032; Other - Map Reference No 32; OTIS Resource Number - 470457	Building, Element of district	Historic	HP08	1988 (Stephen Mikesell, Caltrans); 2006 (Cheryl Brooksher, Steve Melvin, JRP); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000480		Resource Name - Map Ref No 33; Other - Residence; OHP Property Number - 068362; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0033;	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2009 (K. Haley, maya Beneli, ICF Jones & Stokes)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000481		Other - Map Ref No 34; Other - End of Ritchie Court; OHP Property Number - 068363; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0034; OTIS Resource Number - 470459; Resource Name - 3593, 3585, 3589 and Ritchie Road	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2009 (K. Haley, Maya Beneli, ICF Jones & Stokes)
P-48-000482		Other - Map Ref No 35; Resource Name - 3500 Ritchie Road; OHP Property Number - 068364; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0035	Building, Element of district	Historic	HP03	1988 (Stephen Mikesell, Caltrans); 2009 (K. Haley, Maya Beneli, ICF Jones & Stokes)
P-48-000483		Resource Name - Cordelia Schoolhouse; OHP Property Number - 068365; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0036; Other - Map Reference No 36; OTIS Resource Number - 470461	Building, Element of district	Historic	HP15	1988 (Stephen Mikesell, Caltrans); 2009 (K. Haley, Maya Beneli, ICF Jones & Stokes)
P-48-000484		Other - Map Ref No 37; Resource Name - 3599 Ritchie Road; OHP Property Number - 068366; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0037; OTIS Resource Number - 470462	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)
P-48-000485		Other - Map Ref No 38; Resource Name - 3603 Ritchie Road; OHP Property Number - 068367; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0038; OTIS Resource Number - 470463	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2009 (K. Haley, Maya Beneli, ICF Jones & Stokes)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000486		Resource Name - Erik Erickson's House; OHP Property Number - 125405; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001-0039; Other - Map Reference No 39; OTIS Resource Number - 574883	Building, Element of district	Historic	HP02	1988 (Stephen Mikesell, Caltrans); 2009 (K. Haley, maya Beneli, ICF Jones & Stokes)
P-48-000487		Resource Name - Ferrari Ranch / Red Top Stables; Other - Freitas Family Farm; Other - 117 Red Top Road; OHP Property Number - 107430; OHP PRN - DOE-48-89-0042-0000; OHP PRN - FHWA890809A; Other - 180010100	Building, Site	Historic	HP02; HP04; HP33	1988 (Gloria Scott, Caltrans); 2007 (M. Bowen, K. Haley, ICF Jones & Stokes)
P-48-000488		Resource Name - Squatter's House; OHP Property Number - 107431; OHP PRN - DOE-48-89-0043-0000; OHP PRN - FHWA890809A; Other - Map Ref No 58	Building	Historic	HP02	1988 (Gloria Scott, Caltrans)
P-48-000489		Resource Name - Railroad Cars at San Francisco Express Restaurant; Other - 4560 Central Way; OHP Property Number - 107436; OHP PRN - DOE-48-89-0047-0000; OHP PRN - FHWA890809A	Building, Structure	Historic	HP06	1988 (Gloria Scott, Caltrans)
P-48-000490		Resource Name - 227 Lopes Rd; Other - Map Reference No. 63; OHP Property Number - 107437; OHP PRN - DOE-48-89-0048-0000; OHP PRN - FHWA890809A	Building	Historic	HP02	1988 (Gloria Scott, Caltrans)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000492		Other - Garibaldi Barn; Resource Name - Garibaldi Wildlife Refuge; OHP Property Number - 107439; OHP PRN - DOE-48-89-0050- 0000; OHP PRN - FHWA890809A; OTIS Resource Number - 500951	Building	Historic	AH16; HP04; HP33; HP39	1988 (Gloria Scott, Caltrans); 2002 (Leigh Martin, Kim Popetz, William Self Associates); 2017 (J. Coleman, K. Sinner, Solano Archaeological Services)
P-48-000502	CA-SOL-000409H	Resource Name - Tooby II, Site 1	Site	Historic	AH02; HP04	1999 (T. Bakic, J. Barton, K. McIvers, PAR Environmental Services, Inc.)
P-48-000503	CA-SOL-000410H	Resource Name - Tooby II, Site 2	Site	Historic	AH02; AH10	1999 (T. Bakic, J. Barton, K. McIvers, PAR Environmental Services, Inc.)
P-48-000504	CA-SOL-000411H	Resource Name - Tooby II, Site 3; Other - Pacific Portland Cement Company, Superintendent's House	Site	Historic	AH02; HP29; HP46	1999 (T. Bakic, J. Barton, K. McIvers, Par Environmental Services, Inc.); 2018 (Nathan Hallam, Natural Investigations Company, Inc.)
P-48-000505		Resource Name - Tooby II, Site 4; Other - Tooby Ranch	Building	Historic	HP08; HP30	1999 (T. Bakic, J. Barton, K. McIvers, PAR Environmental Services, Inc.)
P-48-000506		Resource Name - Tooby II, Site 5; Other - Tooby Ranch	Building	Historic	AH02; HP03; HP04; HP30; HP33	1999 (T. Bakic, K. McIvers, PAR Environmental Services, Inc.)
P-48-000528		Other - Green Valley Bridges; Other - Bridges #23-0004L/R; Resource Name - Green Valley Creek Bridges	Structure	Historic	HP19	2000 (Marianne Hurley, Caltrans)
P-48-000529	CA-SOL-000416H	Resource Name - 5141 Peabody Road	Building, Structure	Historic	AH04; AH05; AH11; AH15; HP02; HP30; HP33	1999 (Robert Gerry, Peak & Associates, Inc.)
P-48-000542		Resource Name - 2132 Bridgeport Ave; OHP Property Number - 068344; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0001- 0015; Other - Map Ref No 15	Building, Element of district	Historic	HP02; HP04	1988 (Stephen Mikesell, Caltrans); 2008 (M. Bowen, Maya Beneli, ICF Jones & Stokes)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000549	CA-SOL-000499H	Resource Name - Southern Pacific Railroad; Other - California Pacific Railroad (now Union Pacific Railroad); Other - SPRR-1; Other - C-Davis-1; Other - SPN-8; Other - SPN-9; Other - Sacramento to Benicia Line; Other - California Pacific; Other - Southern Pacific Northern Bay Routes, Cordelia to Napa Branch; Voided - P-48-000209; Voided - P-48-000208; Other - Union Pacific Railroad (Update); Other - Southern Pacific Spur	Structure	Historic	AH07; HP11; HP39	; 1995 ([none], [none]); 1999 (Keith Syda, Jones & Stokes Associates); 1999 (J. Nelson, H. Davis, S. Dies, K. Syda, Jones & Stokes Associates); 2007 (M. Bowen, K. Haley, ICF Jones & Stokes); 2010 (Loren Huddleson, AECOM); 2011 ([none], Parus Consulting, Inc); 2013 (Phil Woltz, FWARG); 2020 (Evan Tudor Elliott, PaleoWest)
P-48-000555		Resource Name - Vanden Road Corral Complex	Structure, Site	Historic	AH05; AH11	2002 (Leigh Martin, William Self Associates); 2010 (Loren Huddleson, AECOM)
P-48-000556		Resource Name - Circular Concrete Water Trough	Structure	Historic	AH05	2002 (Leigh Martin, William Self Associates); 2010 (Loren Huddleson, AECOM)
P-48-000557		Resource Name - CA-0167A; Resource Name - 740 Texas St	Building	Historic	HP06	2002 (Lorna Billat, Earth Touch LLC); 2002 (Lorna Billat, Earth Touch LLC)
P-48-000683	CA-SOL-000429H	Resource Name - Rock Wall (PG&E Parcel)	Structure	Historic	AH11	2004 (Leigh Martin, William Self Associates, Inc.)
P-48-000694		Resource Name - Vanden Road House Site	Site	Historic	AH02; AH04; AH11	2004 (Kyle Brown, William Self Associates); 2010 (Loren Huddleson, AECOM)
P-48-000735	CA-SOL-000448/H	Resource Name - Burke Home Site; Other - Solano County Parcel 4 (Book 174)	Structure, Site, Other	Historic	AH04; AH05; AH06; HP02; HP30; HP33; HP34	1998 (H. Puckett / R. Cooper, Earth Tech)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000737		Resource Name - Mangels Sheep Barn & Rock Walls; Other - Mangels Ranch	Building, Structure	Historic	AH09; AH11; HP33; HP46	2003 (Jessica Herrick, JRP Historical Consulting); 2003 (Leigh Martin, William Self Associates); 2007 (M. Bowen, K. Haley, ICF Jones & Stokes)
P-48-000738		Resource Name - Dittmer Ranch; OHP Property Number - 163632; OHP PRN - FHWA060329A	Building	Historic	HP33	2004 (William Kostura, [none]); 2007 (M. Bowen, K. Haley, ICF Jones & Stokes)
P-48-000746		Resource Name - 5027 Peabody Road; OTIS Resource Number - 533837; OHP PRN - FHWA 060216A; OHP Property Number - 164336; Other - Map ID #2	Building	Historic	HP02	2004 (M. Bowen, Jones & Stokes); 2011 ([none], AECOM)
P-48-000760		Resource Name - ADC Readiness Area, Travis AFB; Other - 413th/82nd FIS Readiness Area; Other - Building 1205	Structure	Historic	HP34	1996 (K. Weitz / J. Buysse, Geo-Marine, Inc.)
P-48-000761		Resource Name - Building 810, Travis AFB; Other - B-36 bomber hangar; Other - Double-Cantilever Medium Bomber Hangar; Other - DC Hangar	Building	Historic	HP34	1996 (K. Weitze / J. Buysse, Geo-Marine, Inc.)
P-48-000762		Resource Name - AFSWP Q Area, Travis AFB; Other - Fairfield AFS; Other - Air Material Command West River Depot; Other - 3083rd ADS/ADG; Other - Buildings 1944, 1947, 956, 958, 966, 976, and 978; Other - Buildings 901 through 944	Structure	Historic	HP34	1996 (K. Weitze, J. Buysse, Geo-Marine, Inc.)
P-48-000763		Resource Name - Building 1175, Travis AFB; Other - Readiness crew facility; Other - Molehole; Other - SAC Tanker Alert; Other - Building 1175	Building	Historic	HP34	1996 (K. Weitze, J. Buysse, Geo-Marine Inc.)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-000764		Resource Name - Building 1202, Travis AFB; Other - ADC Alert hangar; Other - 413th/82nd FIS alert hangar	Structure	Historic	HP34	1996 (K. Weitze / J. Buysse, Geo-Marine, Inc.)
P-48-000786	CA-SOL-000458H	Resource Name - Neitzel Farm; Other - JS-Garaventa-ISO-1; Other - Can Scatter 1; Other - Historic artifacts along Dan Wilson Creek; Other - 0027260220; Other - Map Reference # 51	Building, Structure, Site	Prehistoric, Historic	AH02; AH03; AH04; AH05; AH11; AP16; HP02; HP04; HP19; HP33	2002 (G. Roark, Jones & Stokes); 2003 (William Kostura); 2004 (G. Roark, C. Fish, S. Ashkar, Jones & Stokes); 2004 (David S. Byrd, Jones & Stokes); 2007 (M. Bowen, K. Haley, ICF Jones & Stokes); 2007 (Alexandra Merritt-Smith, Stacy Kozakavich, LSA Associates, Inc.); 2007 (Alexandra Merritt-Smith, Stacy Kozakavich, LSA Associates, Inc.)
P-48-000788		Resource Name - Catchment Basin	Structure, Other	Historic	AH06	2004 (Gabriel Roark, C. Fish, S. Ashkar, Jones & Stokes)
P-48-000789		Resource Name - Bridge Abutment and Pier; Other - Bridge Abutment and Pier/Bridge #2; OHP PRN - COE060802A	Structure	Historic	HP19	2004 (David S. Byrd, Jones & Stokes); 2007 (Alexandra Merritt-Smith, Stacy Kozakavich, LSA Associates, Inc.)
P-48-000808		Resource Name - Vacaville-Moraga Transmisssion Line; Other - CALTRANS Map Reference No. 2	Building	Historic	HP11	2003 (Jessica Herrick & Andrew Walters, JRP Historical Consulting)
P-48-000809		Resource Name - Cody Hill Pumping Station; Other - CALTRANS Map ref. 3	Building	Historic	HP09	2003 (Jessica Herrick, JRP Historical Consulting); 2007 (M Bowen, K. Haley, ICF Jones & Stokes)
P-48-000821		Resource Name - Old Library; Other - 601 Texas St	Building	Historic	HP15	2007 (Carrie D. Wills, Michael Brandman Associates)
P-48-000862	CA-SOL-000470H	Resource Name - Santa Eulalia	Building, Site	Historic	AH15; HP44	2007 (Kate Erickson, ASC, SSU)
P-48-000898		Resource Name - Hale Site; Other - Exploratory Area 4, Trench 4-2 and 4-11	Site	Prehistoric	AP09; AP15	2011 (Jack Meyer and Phil Kajankoski, Far Western)

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P-48-000967		Resource Name - TAFB-001; Other - Travis Air force Base Reservoir 3 and Valve Vault	Other	Historic	AH06; HP22	2013 (Lora Holland, Atkins)
P-48-000969	CA-SOL-000424H	Resource Name - TAFB-H-03; Other - Historical farmstead site	Site	Historic	AH02; AH04; HP30	1995 (D. Walitschek, J. Elias, K. Moeller, Argonne National laboratory)
P-48-000970	CA-SOL-000420H	Resource Name - TAFB-H-02	Site	Historic	AH02; AH04	1995 (D. Walitschek, J. Elias, K. Moeller, Argonne National Laboratory)
P-48-000971	CA-SOL-000485H	Resource Name - TAFB-H-05	Site	Historic	AH04	1995 (D. Walitschek, K. Moeller, J. Elias, Argonne National Laboratory)
P-48-000972	CA-SOL-000486H	Resource Name - TAFB-H-11	Site	Historic	AH04	1995 (L. Elias and K. Moeller, Argonne National Laboratory)
P-48-000973	CA-SOL-000487H	Resource Name - TAFB-H-18	Site	Historic	AH04; HP30; HP33	1995 (D. Walitschek, J. Elias, K. Moeller, Argonne National Laboratory)
P-48-000975		Resource Name - Terminal Reservoir	Structure	Historic	AH08	2012 (Scott A. Williams, Bureau of Reclamation)
P-48-000981		Resource Name - Grizzly Island Road, Collinsville Road, Chadbourne Road	Structure	Historic	HP37	2013 (Cheryl Brookshear, JRP Historical Consulting)
P-48-000984		Resource Name - Sacramento Northern Railway Historic District; OTIS Resource Number - 512027; OHP Property Number - 186106; National Register - NPS 12000402-9999; National Register - 48-0025; Other - Western Railway Museum	District	Historic	AH07; HP06; HP17; HP18; HP32	2011 (Stephen G. Greger, Bay Area Electric Railroad Association)

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P-48-000987		Resource Name - Suisun Marsh Duck Clubs; Other - SM Hunting Preserve; Other - DBI/ Forest Pond; Other - Golden Gate; Other - Teal; Other - Ibis; Other - Arnold Ranch; Other - Tule Belle; Other - The Island Club; Other - Grizzly Duck Club; Other - Montezuma Gun Club; Other - Gum Tree Farms; Other - DUXRUS; Other - Four Winds Duck Club; Other - Rizz/Fizz Club; Other - Little West Wind Duck; Other - Garben Ranch; Other - The Honkers Club; Other - Grizzly King; Other - Bent Barrel Duck; Other - Club; Other - Wild Turkey; Other - Grizzly Ranch; Other - Balboa Farms; Other - Grizzly Fair View Farms; Other - Bul-Rush Farms; Other - Gang Bang Duck Club; Other - Windmill Club; Other - Marsh Club; Other - Merganser Farms; Other - The Sleeping Pintail; Other - Schafer Farms; Other - Frost Slough; Other - Sheriff Pond; Other - Boles Pond; Other - Goodyear; Other - Morrow Island Land Co.; Other - Mallard Haven; Other - Fleetside; Other - Montezuma Ranch; Other - Honker Bay Farms; Other - Suisun Duck Clubs	Building	Historic	HP39	2012 (Cheryl Brookshear, JRP Historical Consulting); 2017 (J. Coleman, K. Sinner, Solano Archaeological Services)
P-48-001001		Resource Name - SOL-ISO-5	Other	Prehistoric	AP02	(P. Mikkelsen, L. Jang, Hager/Holson and Associates)

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P-48-001008		Resource Name - Segment of the Putah South Canal; Other - SOL-001; OHP PRN - BUR20140423001	Structure	Historic	HP20	2013 (J. Coleman, Solano Archaeological Services)
P-48-001017		Resource Name - SOL-ISO-19	Other	Prehistoric	AP02	1991 (A. Medin, Bruce Dahlstrom, S. Atchley, V. Beard, Anthropological Studies Center, Sonoma State University)
P-48-001107		Resource Name - 3686 Green Valley Rd; OHP Property Number - 107432; OHP PRN - DOE-48-89-0044-0000; OHP PRN - FHWA890809A	Building	Historic	HP02	1988 (Gloria Scott, Caltrans)
P-48-001111		Resource Name - Mendoza Residence; Other - 3682 Green Valley Rd; OHP Property Number - 107433; OHP PRN - DOE-48-89-0045-0000; OHP PRN - FHWA8908090A	Building	Historic	HP02	1988 (Gloria Scott, Caltrans)
P-48-001112		Resource Name - 3678 Green Valley Rd; OHP Property Number - 107434; OHP PRN - FHWA890809A; OHP PRN - DOE-48-89-0049-0000	Building	Historic	HP02	1988 (Gloria Scott, Caltrans)
P-48-001639		Resource Name - 2172 Bridgeport Ave; Other - Map Reference #37	Building	Historic	HP02	2007 (K. Haley, M. Beneli, ICF Jones & Stokes)
P-48-001640		Resource Name - 3607 Ritchie Road; Other - Map Reference # 43	Building	Historic	HP02	2009 (K. Haley, M. Beneli, ICF Jones & Stokes)
P-48-001641		Resource Name - 3605 Thompson Court; Other - Map Reference # 44	Building	Historic	HP02	2009 (K. Haley, M. Beneli, ICF Jones & Stokes)
P-48-001642		Resource Name - 3617 Ritchie Road; Other - Map Reference # 45	Building	Historic	HP02	2009 (K. Haley, M. Beneli, ICF Jones & Stokes)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-001643		Resource Name - 3621 Ritchie Road; Other - Map Reference # 46	Building	Historic	HP02	2009 (K. Haley, M. Beneli, ICF Jones & Stokes)
P-48-001644		Resource Name - 004-530-0030; Other - Map Reference # 47; Other - 0148260040	Building	Historic	HP04	2007 (M. Bowen, K. Haley, ICF Jones & Stokes)
P-48-001648		Resource Name - Irrigation Ditch; Other - Map Reference #54	Structure	Historic	HP20	2007 (Madeline Bowen, Katie Haley, ICF Jones & Stokes)
P-48-001650		Resource Name - 2621 Cordelia Road; Other - Map Reference #56; OHP Property Number - 174945; OHP PRN - FHWA090126B	Building	Historic	HP33	2007 (Katie Haley, Maya Beneli, ICF Jones & Stokes)
P-48-001651		Resource Name - 4015 Hale Ranch Road; OTIS Resource Number - 522822; OHP Property Number - 174946; OHP PRN - FHWA090126B	Building	Historic	HP33	2007 (Madeline Bowen, Kathryn Haley, ICF Jones & Stokes)
P-48-001859		Resource Name - Strawberry Fields Rental Units	Building	Historic	HP02; HP03; HP04	2013 (Mary Bailey, Area West Environmental)
P-48-001866	CA-SOL-000505H	Resource Name - Pacific Portland Cement Company, Old Mill	Site	Historic	AH02; AH10	2018 (Nathan Hallam, Natural Investigations Company, Inc.)
P-48-001919		Resource Name - T-Mobile West LLC Candidate BA10008A (SF008 Heart Building); Other - Fairfield Professional Building	Building	Historic	HP06	2016 (K. A. Crawford, Crawford Historic Services)
P-48-001930	CA-SOL-000515H	Resource Name - Orchard Homestead	Site	Historic	AH02; AH03; AH04; AH07; HP02; HP30	2010 (Loren Huddleson, AECOM)
P-48-001931	CA-SOL-000516H	Resource Name - Telegraph/Telephone Line	Structure, Site	Historic	AH11; HP39	2010 (Loren Huddleson, AECOM)
P-48-001938	CA-SOL-000521H	Resource Name - SRI-1	Site	Historic	AH02	2020 (Joseph Woods, Statistical Research)
P-48-001939	CA-SOL-000522H	Resource Name - SRI-2	Site	Historic	AH06; AH07	2020 (Joseph Woods, Statistical Research)
P-48-001940		Resource Name - SRI-3	Structure	Historic	AH02	2020 (Joseph Woods, Statistical Research)

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Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by
P-48-001941	CA-SOL-000523H	Resource Name - SRI-32	Structure	Historic	AH07	2020 (Joseph Woods, Statistical Research)
P-48-001942		Resource Name - SRI-38	Structure	Historic	AH16	2020 (Joseph Woods, Statistical Research)
P-48-002002		Resource Name - FF-01	Other	Historic	AH05	2021 (Andrew Myers, ECORP Consulting)
P-48-002003		Resource Name - FF-02	Building	Historic	HP02	2021 (Andrew Myers, ECORP Consulting)
P-48-002014		Resource Name - Sheldon Oil Facility; Other - Sheldon Oil Company; Other - Sheldon Gas Company; Other - Hopkins Dry Yard; Other - Solano Business Park	Building	Historic	HP08	2020 (Michael Hibma, LSA)
P-48-002046		Resource Name - Travis Air Force Base Runway 03L/21R	Structure	Historic	HP34	2020 (S. Kerkhove-Peltier, S. Lemke, US Army Corps of Engineers)
P-48-002050		Resource Name - NIC-2022-Fairfield-01	Building	Historic	HP02	2022 (D. Stapleton, Natural Investigations, Inc.)
P-48-002051		Resource Name - NIC-2022-Fairfield-02	Building	Historic	HP02	2022 (D. Stapleton, Natural Investigations, Inc.)
P-48-002052		Resource Name - NIC-2022-Fairfield-03	Building	Historic	HP02	2022 (D. Stapleton, Natural Investigations, Inc.)
P-48-002053		Resource Name - NIC-2022-Fairfield-04	Structure	Historic	AH15; HP11	2022 (D. Stapleton, Natural Investigations, Inc.)
P-48-002054	CA-SOL-000535H	Resource Name - NIC-2022-Fairfield-05	Site	Historic	AH06	2022 (D. Stapleton, Natural Investigations, Inc.)
P-48-002058	CA-SOL-000539H	Resource Name - General Travis B-29 Crash Site	Site	Historic	AH16	2014 (James Carucci, Regional Cultural Resource Manager)

City of Fairfield, incl Travis AFB, Cordelia BERD 9-23-22 Listings

Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
	686149	Building 1168			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	
	686151	Building 1174			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	1989
	686156	Building 1191			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	1957
	686158	Building 1894			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	1957
	686145	Building 1162			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	1957
	686146	Building 1165			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	1990
	686147	Building 1178			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	1990
	686148	Building 1167			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	1990
	686150	Building 1171			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	1989
	686157	Building 1193			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	
	686152	Building 1175			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	
	686153	Building 1176			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	1974
	686154	Building 1180			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	1993
	686155	Building 1181			Fairfield	6Y, 09/07/2018, USAF_2018_0726_001	1995

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Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
	677698	Sacramento Northern Railway spur			Fairfield	7K, 06/26/2013, USAF_2014_0610_001	
	522817	I-80 EASTBOUND CORDELIA TRUCK SCALES			FAIRFIELD	6Y, 03/05/2009, FHWA090126B	1958
	534571	GREEN VALLEY TRACTOR	4135	ABERNATHY RD	FAIRFIELD	6Y, 03/29/2006, FHWA060329A	
	672205	BUILDING 381, TRAVIS AFB	540	AIRLIFT DR, TRAVIS AFB	FAIRFIELD	6Y, 05/09/2017, USAF_2017_0417_001	1948
	446642	748 BROADWAY BUILDING	748	BROADWAY	FAIRFIELD	2S, 01/01/1979, 4533-0002-0000 2S, 11/06/1979, 65000672	
	698634	Sheldon Oil Facility	1900	Cordelia	Fairfield	6Y, 04/01/2021, COE_2021_0304_001	1965
48-000447	470426	STUDERS CASINO THOMPSON'S CORNER	2147	Cordelia Rd	Fairfield	2D2, 08/31/1989, DOE-48-89-0001-0001 2D2, 08/31/1989, FHWA890809A	1902
	522819		2503	CORDELIA RD	FAIRFIELD	6Y, 03/05/2009, FHWA090126B	1931
	522765		2525	CORDELIA RD	FAIRFIELD	6Y, 03/05/2009, FHWA090126B	1930
	670608		2333	COURAGE DT	FAIRFIELD	7K, 05/05/2017, HUD_2017_0406_002	
	674992		840	E Travis Blvd	Fairfield	6Y, 01/31/2018, HUD_2018_0131_004	1995
	446643	GOOSEN MANSION	1010	EMPIRE ST	FAIRFIELD	2D3, 05/02/1982, 014982CA820121 2S, 09/10/1981, 65006848 2S2, 01/01/1981, 4533-0003-0000	1910
	507820		801	EMPIRE ST	FAIRFIELD	6Y, 07/26/2012, HUD120720G	
	522822		4015	HALE RANCH RD	FAIRFIELD	6Y, 03/05/2009, FHWA090126B	1915
	675788		1058	Horizon DR Suite A	Fairfield	6Y, 04/18/2014, HUD_2014_0416_006	

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Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
	534565	DITTMER RANCH	3533	MANGELS BLVD	FAIRFIELD	6Y, 03/29/2006, FHWA060329A	
	665000	T-Mobile BA10008A	1545	N Texas St	Fairfield	6Y, 05/20/2016, FCC_2016_0419_006	1970
	494412		710	OHIO ST	FAIRFIELD	6Y, 01/02/1996, HUD951201C	1942
	494413		724	OHIO ST	FAIRFIELD	6Y, 01/02/1996, HUD951201D	1939
	500656		5005	PEABODY RD	FAIRFIELD	6Y, 03/04/1997, FHWA970221A	1930
	533837		5027	PEABODY RD	FAIRFIELD	6Y, 03/02/2006, FHWA060216A	1920
	694134	WL-01 Wing's Landing Levee		Peytonia Slough	Fairfield	6Y, 05/14/2020, COE_2020_0428_001	1948-1965
48-000111	534566	VALINE FARM-4004-4018 RUSSELL RD	4004	RUSSELL RD	FAIRFIELD	6Y, 03/29/2006, FHWA060329A 6Y, 07/02/2015, FHWA_2015_0512_001	1940
	534568		4136	RUSSELL RD	FAIRFIELD	6Y, 03/29/2006, FHWA060329A	1920
	534569		4164	RUSSELL RD	FAIRFIELD	6Y, 03/29/2006, FHWA060329A	1920
	534567	DEL MONTE WAREHOUSES	4874	RUSSELL RD	FAIRFIELD	6Y, 03/29/2006, FHWA060329A	1950
	446641	BRIDGE #23-20, DENVERTON OVERHEAD		SR 12	FAIRFIELD	2S, , 4533-0001-0000	
	670204	NEITZEL FARM	3936	SUISUN VALLEY RD	FAIRFIELD	2S2, 04/18/2007, COE060802A	1927
	675834	East Tabor Avenue/Grande Circle Crosswalk Project	1	Tabor Ave/Grande Cir	Fairfield	6Y, 04/23/2014, HUD_2014_0403_003	
	674220	Old Solano County Courthouse	580	Texas St	Fairfield	4CM, 12/10/2014, CAJUC_2013_1220_001	1911
	670606		739	TEXAS ST	FAIRFIELD	6Y, 05/06/2017, HUD_2017_0406_001	
	568659	OLD CINEMA THEATER	849	TEXAS ST	FAIRFIELD	6Y, 11/19/2001, DOE-48-01-0001-0000 6Y, 11/19/2001, HUD011115A	1921

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Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
	712628	Travis AFB ADC READINESS AREA		Travis Air Force Base	Fairfield	6Y, 06/04/2021, USAF_2020_0113_001	1953-1956
	712627	Travis AFB AFSWP Q AREA		Travis Air Force Base	Fairfield	6Y, 06/04/2021, USAF_2020_0113_001	1953-1959
	508276	ARCHWAY RECOVERY SERVICES	1525	UNION AVE	FAIRFIELD	6Y, 07/25/2012, HUD120720F	1956
	529995	SOLANO SHELTER	729	UTAH ST	FAIRFIELD	6Y, , HUD120720E 6Y, 11/28/2006, HUD061120E	
	675374	Pac Bell Building	738	Webster	Fairfield	6Y, 10/09/2017, FCC_2017_0908_001	1952
	511243		1419	WOOLNER AVE	FAIRFIELD	6Y, 11/21/2011, HUD111104B	
	511244		1425	WOOLNER AVE	FAIRFIELD	6Y, 11/21/2011, HUD111104B	
	511245		1431	WOOLNER AVE	FAIRFIELD	6Y, 11/21/2011, HUD111104B	
	511246		1446	WOOLNER AVE	FAIRFIELD	6Y, 11/21/2011, HUD111104B	
	511247		1454	WOOLNER AVE	FAIRFIELD	6Y, 11/21/2011, HUD111104B	

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Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
	677693	Building 723			Travis AFB	6Y, 07/23/2014, USAF_2014_0718_001	
	677700	Travis AFB Reservoir 3 and Valve Vault			Travis AFB	6Y, 06/26/2013, USAF_2014_0610_001	
	678529	Building 1182			TRAVIS AFB	6Y, 07/02/2018, USAF_2018_0613_004	1955
	677695	Facility 831			Travis AFB	6Y, 07/23/2014, USAF_2014_0718_001	1996
	678514	Bunker Area magazines			TRAVIS AFB	6Y, 07/02/2018, USAF_2018_0613_005	
	480047	BUILDING #533			TRAVIS AFB	6Y, 05/04/1993, DOE-48-93-0001-0000 6Y, 05/04/1993, USAF930406A	1943-1947
	480048	BUILDING #144			TRAVIS AFB	6Y, 05/04/1993, DOE-48-93-0002-0000 6Y, 05/04/1993, USAF930406A	1943-1947
	480049	BUILDING #60			TRAVIS AFB	6Y, 05/04/1993, DOE-48-93-0003-0000 6Y, 05/04/1993, USAF930406A	1943-1947
	480050	BUILDING #50			TRAVIS AFB	6Y, 05/04/1993, DOE-48-93-0004-0000 6Y, 05/04/1993, USAF930406A	1946
	493267	BUILDING 113			TRAVIS AFB	6Y, 09/15/1995, DOE-48-95-0001-0000 6Y, 09/15/1995, USAF950707A	1951
	493268	BUILDING 111			TRAVIS AFB	6Y, 09/15/1995, DOE-48-95-0002-0000 6Y, 09/15/1995, USAF950707A	1951

City of Fairfield, incl Travis AFB, Cordelia BERD 9-23-22 Listings

Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
	493269	BUILDING 1153			TRAVIS AFB	6Y, 09/15/1995, DOE-48-95-0003-0000 6Y, 09/15/1995, USAF950707A	1969
	493270	BUILDING 1151			TRAVIS AFB	6Y, 09/15/1995, DOE-48-95-0004-0000 6Y, 09/15/1995, USAF950707A	1957
	493271	BUILDING 1150			TRAVIS AFB	6Y, 09/15/1995, DOE-48-95-0005-0000 6Y, 09/15/1995, USAF950707A	1957
	493272	BUILDING 1027			TRAVIS AFB	6Y, 09/15/1995, DOE-48-95-0006-0000 6Y, 09/15/1995, USAF950707A	1957
	493273	BUILDING #997			TRAVIS AFB	6Y, 09/15/1995, DOE-48-95-0007-0000 6Y, 09/15/1995, USAF950707A	1950
	493274	BUILDING #860			TRAVIS AFB	6Y, 09/15/1995, DOE-48-95-0008-0000 6Y, 09/15/1995, USAF950707A	1953
	493275	BUILDING #859			TRAVIS AFB	6Y, 09/15/1995, DOE-48-95-0009-0000 6Y, 09/15/1995, USAF950707A	1953
	493276	BUILDING #731			TRAVIS AFB	6Y, 09/15/1995, DOE-48-95-0010-0000 6Y, 09/15/1995, USAF950707A	1957
	493277	BUILDING 220			TRAVIS AFB	6Y, 09/15/1995, DOE-48-95-0011-0000 6Y, 09/15/1995, USAF950707A	1946
	493278	BUILDING 116			TRAVIS AFB	6Y, 09/15/1995, DOE-48-95-0012-0000 6Y, 09/15/1995, USAF950707A	1951

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Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
	497528	BUILDING #8963			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497529	BUILDING #8962			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497530	BUILDING #8961			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497531	BUILDING 1882, SWIMMING POOL			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497532	BUILDING 1151, WASTE WATER TREATMENT			TRAVIS AFB	6Y, 07/03/2018, USAF_2018_0613_003 6Y, 07/29/1996, USAF951024A	1946
	497533	BUILDING 1150, WASTE WATER TREATMENT			TRAVIS AFB	6Y, 07/03/2018, USAF_2018_0613_003 6Y, 07/29/1996, USAF951024A	1946
	497534	BUILDING #480			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497535	BUILDING #447			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497536	BUILDING #446			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497537	BUILDING #445			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497538	BUILDING #444			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497539	BUILDING #443			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497540	BUILDING #442			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946

City of Fairfield, incl Travis AFB, Cordelia BERD 9-23-22 Listings

Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
	497541	BUILDING #441			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497542	BUILDING #440			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497543	BUILDING #419			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497544	BUILDING #418			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497545	BUILDING #417			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497546	BUILDING #410			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497547	BUILDING #409			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497548	BUILDING #408			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497549	BUILDING #407			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497550	BUILDING #406			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497551	BUILDING 344, FIRE STATION			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497552	BUILDING 250, DORMITORY			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497553	BUILDING 249, DORMITORY			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497554	BUILDING 247, AIRMAN DETENTION			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946

City of Fairfield, incl Travis AFB, Cordelia BERD 9-23-22 Listings

Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
	497555	BUILDING 246, AIRMAN DORMITORY			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497556	BUILDING 243, AIRMAN DORMITORY			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497557	BUILDING #241, AIRMAN DORMITORY			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497558	BUILDING 239, AIRMAN DORMITORY			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497559	BUILDING 237, DORMITORY			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497560	BUILDING 230, GYMNASIUM			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497561	BUILDING 144, CLOTHING SALES			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1945
	497562	BUILDING #82			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497563	BUILDING #81			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497564	BUILDING #80			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497565	BUILDING #52			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497566	BUILDING #4			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497567	BUILDING #4			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946

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Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
	497568	BUILDING 3, AIRCRAFT MAINTENANCE			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	497569	BUILDING 1, AIR FREIGHT TERMINAL			TRAVIS AFB	6Y, 07/29/1996, USAF951024A	1946
	500458	BUILDING #925			TRAVIS AFB	2D2, 02/18/1997, USAF960510R	1955
	511235		10	AERO DR	TRAVIS AFB	6Y, 11/09/2011, USAF110628B	1972
	515826	BUILDING 245	470	AIRMEN DR	TRAVIS AFB	6Y, 05/23/2011, USAF110414B	1953
	515641	BUILDING 112	470	AIRMEN DR	TRAVIS AFB	6Y, 04/22/2011, USAF110406A	1951
	515400	BUILDING 690	470	AIRMEN DR	TRAVIS AFB	6Y, 04/26/2011, USAF110414A	1955
	515274	DEMOLITION BUILDING #690	470	AIRMEN DR	TRAVIS AFB	6Y, 04/26/2011, USAF110414A	1955
	676278	Travis AFB Guided Missile Berm		Ellis Dr	Travis AFB	6Y, 10/09/2017, USAF_2017_0928_001	1961
	510931	TRAVIS AIR FORCE BASE, BUILDING 771	771	ELLIS DR	TRAVIS AFB	6Y, 11/01/2011, USAF110628C	1957
	511154		560	HANGAR AVE	TRAVIS AFB	6Y, 10/26/2011, USAF110901A	1955
	511236		1125	PERIMETER RD	TRAVIS AFB	6Y, 11/09/2011, USAF110628A	1956
	511234		1130	PERIMETER RD	TRAVIS AFB	6Y, 11/09/2011, USAF110628D	1954
	678500	Building #891	249	V St	Travis AFB	6Y, 07/02/2018, USAF_2018_0613_002	1957

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Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
	565289	BRIDGE #23-0004L			CORDELIA	6Y, 07/10/2001, DOE-48-01-0005-0000 6Y, 07/10/2001, FHWA010502B	1928
	565290	BRIDGE #23-0004R			CORDELIA	6Y, 07/10/2001, DOE-48-01-0006-0000 6Y, 07/10/2001, FHWA010502B	1951
	565292	BRIDGE #23-0006L			CORDELIA	6Y, 07/10/2001, DOE-48-01-0007-0000 6Y, 07/10/2001, FHWA010502B	1951
	565293	BRIDGE #23-0006R			CORDELIA	6Y, 07/10/2001, DOE-48-01-0008-0000 6Y, 07/10/2001, FHWA010502B	1951
	530182	STONE WALLS			CORDELIA	6Y, 07/03/2007, FHWA070509A	1873
	530183	VACAVILLE-MORAGA TRANSMISSION LINE			CORDELIA	6Y, 07/03/2007, FHWA070509A	1940
	530184	CODY HILL PUMPING STATION			CORDELIA	6Y, 07/03/2007, FHWA070509A	1947
	522820	IRRIGATION DITCH			CORDELIA	6Y, 03/05/2009, FHWA090126B	1955
48-000446	470420	VILLAGE OF CORDELIA HISTORIC DISTRICT			CORDELIA	2S2, 08/31/1989, DOE-48-89-0001-9999 2S2, 08/31/1989, FHWA890809A	1870-1934
48-000486	574883	ERIK ERICKSON HOUSE			CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0039 2D2, 08/31/1989, FHWA890809A	1915
48-000464	470441	MANGUS HOUSE		BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0016 2D2, 08/31/1989, FHWA890809A	1880

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48-000467	470445	MOILES HOUSE		BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0020 2D2, 08/31/1989, FHWA890809A	1875
48-000469	470447	ROOT CELLAR - MOILES HOTEL		BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0022 2D2, 08/31/1989, FHWA890809A	1897
48-000473	470452			BRIDGEPORT AVE	CORDELIA	6Y, 08/31/1989, DOE-48-89-0001-0027 6Y, 08/31/1989, FHWA890809A	1955
48-000474	470451	RESIDENCE		BRIDGEPORT AVE	CORDELIA	6Y, 08/31/1989, DOE-48-89-0001-0026 6Y, 08/31/1989, FHWA890809A	1955
48-000475	470453	LIVERY STABLE - GREEN VALLEY HOTEL		BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0028 2D2, 08/31/1989, FHWA890809A	1900
48-000476	470454	RESIDENCE		BRIDGEPORT AVE	CORDELIA	6Y, 08/31/1989, DOE-48-89-0001-0029 6Y, 08/31/1989, FHWA890809A	1949
48-000454	470433	EMMA BALL HOUSE	2092	BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0008 2D2, 08/31/1989, FHWA890809A	1910
48-000455	470434		2100	BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0009 2D2, 08/31/1989, FHWA890809A	1915
48-000456	470435	SACHAU HOUSE	2104	BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0010 2D2, 08/31/1989, FHWA890809A	1905

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Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
48-000457	470436	ELLIOTT HOUSE	2110	BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0011 2D2, 08/31/1989, FHWA890809A	1900
48-000458	470437	JOHN DUNKER HOUSE	2112	BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0012 2D2, 08/31/1989, FHWA890809A	1905
48-000459	470438	RESIDENCE	2120	BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0013 2D2, 08/31/1989, FHWA890809A	1930
48-000460	470439	RESIDENCE	2124	BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0014 2D2, 08/31/1989, FHWA890809A	1930
48-000463	470440	RESIDENCE	2132	BRIDGEPORT AVE	CORDELIA	6Y, 08/31/1989, DOE-48-89-0001-0015 6Y, 08/31/1989, FHWA890809A	1960
48-000464	470442	HENRY DUNKER HOUSE	2139	BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0017 2D2, 08/31/1989, FHWA890809A	1900
48-000466	470444		2145	BRIDGEPORT AVE	CORDELIA	6Y, 08/31/1989, DOE-48-89-0001-0019 6Y, 08/31/1989, FHWA890809A	1960
48-000465	470443	SCHINKEL HOUSE	2146	BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0018 2D2, 08/31/1989, FHWA890809A	1900
48-000468	470446	MILNE HOUSE	2151	BRIDGEPORT AVE	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0021 2D2, 08/31/1989, FHWA890809A	1880

City of Fairfield, incl Travis AFB, Cordelia BERD 9-23-22 Listings

Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
48-000489	500948	RAILROAD CARS AT SAN FRANCISCO EXPRESS RESTAURANT	4560	CENTRAL WY	CORDELIA	6Y, 08/31/1989, DOE-48-89-0047-0000 6Y, 08/31/1989, FHWA890809A	1977
48-000478	470456	FIREHOUSE		CORDELIA RD	CORDELIA	6Y, 08/31/1989, DOE-48-89-0001-0031 6Y, 08/31/1989, FHWA890809A	1980
48-000453	470432	CHRISTIAN DUNKER HOUSE	2091	CORDELIA RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0007 2D2, 08/31/1989, FHWA890809A	1900
48-000452	470431	PETER SCHMIDT HOUSE	2097	CORDELIA RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0006 2D2, 08/31/1989, FHWA890809A	1900
48-000451	470430	LOESER HOUSE	2101	CORDELIA RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0005 2D2, 08/31/1989, FHWA890809A	1900
48-000450	470429	FORSE HOUSE	2105	CORDELIA RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0004 2D2, 08/31/1989, FHWA890809A	1900
48-000448	470427	GLASHOFF HOUSE	2117	CORDELIA RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0002 2D2, 08/31/1989, FHWA890809A	1890
48-000449	470428	AUGUST BELLMER HOUSE	2118	CORDELIA RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0003 2D2, 08/31/1989, FHWA890809A	1895
	522818		2543	CORDELIA RD	CORDELIA	6Y, 03/05/2009, FHWA090126B	1915
	522821		2621	CORDELIA RD	CORDELIA	6Y, 03/05/2009, FHWA090126B	1940

City of Fairfield, incl Travis AFB, Cordelia BERD 9-23-22 Listings

Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
	522823			HALE RANCH RD	CORDELIA	6Y, 03/05/2009, FHWA090126B	1880
	530185		1394	JAMESON CANYON RD	CORDELIA	6Y, 07/03/2007, FHWA070509A	1950
48-000490	500949		227	LOPES RD	CORDELIA	6Y, 08/31/1989, DOE-48-89-0048-0000 6Y, 08/31/1989, FHWA890809A	1942
48-000492	500951	GARIBALDI BARN		RAMSEY RD	CORDELIA	6Y, 08/31/1989, DOE-48-89-0050-0000 6Y, 08/31/1989, FHWA890809A	1910
48-000491	500950		3360	RAMSEY RD	CORDELIA	6Y, 08/31/1989, DOE-48-89-0049-0000 6Y, 08/31/1989, FHWA890809A	1900
48-000470	470448	H G BURMEISTER RANCH		RED ROCK RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0023 2D2, 08/31/1989, FHWA890809A	1915
48-000471	470449	GOOSEN FARM		RED ROCK RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0024 2D2, 08/31/1989, FHWA890809A	1906
48-000472	470450	HENRY GOOSEN FARM		RED ROCK RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0025 2D2, 08/31/1989, FHWA890809A	1900
48-000487	500943	FERRARI RANCH	117	RED TOP RD	CORDELIA	6Y, 08/31/1989, DOE-48-89-0042-0000 6Y, 08/31/1989, FHWA890809A	1900
48-000481	470459	RESIDENCE		RITCHIE CT	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0034 2D2, 08/31/1989, FHWA890809A	1890

City of Fairfield, incl Travis AFB, Cordelia BERD 9-23-22 Listings

Primary Number	OTIS ID	Name	St #	St Name	City	Evaluation Info	Circa
48-000479	470457	DUNKER BROTHERS SLAUGHTERHOUSE		RITCHIE RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0032 2D2, 08/31/1989, FHWA890809A	1890
48-000480	470458	RESIDENCE		RITCHIE RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0033 2D2, 08/31/1989, FHWA890809A	1900
48-000483	470461	CORDELIA SCHOOL HOUSE		RITCHIE RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0036 2D2, 08/31/1989, FHWA890809A	1870
48-000482	470460		3500	RITCHIE RD	CORDELIA	6Y, 08/31/1989, DOE-48-89-0001-0035 6Y, 08/31/1989, FHWA890809A	1915
48-000484	470462		3599	RITCHIE RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0037 2D2, 08/31/1989, FHWA890809A	1910
48-000485	470463		3603	RITCHIE RD	CORDELIA	2D2, 08/31/1989, DOE-48-89-0001-0038 2D2, 08/31/1989, FHWA890809A	1910
48-000488	500944	SQUATTER'S HOUSE		W CORDELIA RD	CORDELIA	6Y, 08/31/1989, DOE-48-89-0043-0000 6Y, 08/31/1989, FHWA890809A	1941

CALIFORNIA HISTORICAL RESOURCE STATUS CODES
(effective 5/1/2017)

1 Listed in the National Register (NR) or the California Register (CR)

- 1D Contributor to a multi-component resource like a district listed in the NR by the Keeper. Listed in the CR.
- 1S Individually listed in the NR by the Keeper. Listed in the CR.
- 1CD Contributor to a multi-component resource listed in the CR by the SHRC.
- 1CS Individually listed in the CR by the SHRC.
- 1CL State Historical Landmarks (CHL) numbered 770 and above, or SHRC reevaluated CHLs that also meet CR criteria. Listed in the CR.
- 1CP State Points of Historical Interest (CPHI) nominated after December 1997 and recommended for listing by the SHRC or SHRC reevaluated CPHIs that also meet CR criteria. Listed in the CR.

2 Determined eligible for listing in the National Register (NR) or the California Register (CR)

- 2B Determined eligible for the NR both individually and as a contributor to a NR eligible multi-component resource like a district in a federal regulatory process. Listed in the CR.
- 2D Contributor to a multi-component resource determined eligible for the NR by the Keeper. Listed in the CR.
- 2D2 Contributor to a multi-component resource determined eligible for NR by consensus through Section 106 process. Listed in the CR.
- 2D3 Contributor to a multi-component resource determined eligible for NR by Part I Tax Certification. Listed in the CR.
- 2D4 Contributor to a multi-component resource determined eligible for NR pursuant to Section 106 without review by SHPO. Listed in the CR.
- 2S Individually determined eligible for NR by the Keeper. Listed in the CR.
- 2S2 Individually determined eligible for NR by consensus through Section 106 process. Listed in the CR.
- 2S3 Individually determined eligible for NR by Part I Tax Certification. Listed in the CR.
- 2S4 Individually determined eligible for NR pursuant to Section 106 without review by SHPO. Listed in the CR.
- 2CB Determined eligible for CR both individually and as a contributor to a CR eligible multi-component resource by the SHRC.
- 2CD Contributor to a multi-component resource determined eligible for CR by the SHRC.
- 2CS Individually determined eligible for CR by the SHRC.

3 Appears eligible for National Register (NR) or California Register (CR).

- 3B Appears eligible for NR both individually and as a contributor to a NR eligible multi-component resource like a district through survey evaluation.
- 3D Appears eligible for NR as a contributor to a NR eligible multi-component resource through survey evaluation.
- 3S Appears eligible for NR individually through survey evaluation.
- 3CB Appears eligible for CR both individually and as a contributor to a CR eligible multi-component resource through survey evaluation.
- 3CD Appears eligible for CR as a contributor to a CR eligible multi-component resource through survey evaluation.
- 3CS Appears eligible for CR individually through survey evaluation.

4 Appears eligible for National Register (NR) or State Historical Landmark (CHL) through PRC§ 5024

- 4CM State agency owned resource added to Master List - appears to meet NR and/or CHL criterion.

5 Recognized as Historically Significant by Local Government

- 5B Locally significant both individually (listed, eligible, or appears eligible) and as contributor to a multi-component resource like a district that is locally listed, designated, determined eligible, or appears eligible through survey evaluation.
- 5D1 Contributor to a multi-component resource that is listed or designated locally.
- 5D2 Contributor to a multi-component resource that is eligible for local listing or designation.
- 5D3 Appears to be a contributor to a multi-component resource that appears eligible for local listing or designation.
- 5S1 Individually listed or designated locally.
- 5S2 Individually eligible for local listing or designation.
- 5S3 Appears to be individually eligible for local listing or designation through survey evaluation.

6 Not Eligible for Listing or Designation as specified

- 6C Determined ineligible for or removed from California Register (CR) by the SHRC.
- 6CD Determined ineligible for or removed from CR by the SHRC as a component of a CR listed multi-component resource. [Code to differentiate a resource that has more than one CR evaluation. Example, a resource that is on the CR as both contributor to a district and individually would still be on the CR if the district was removed/determined ineligible. This code would convey the change of a specific evaluation rather than the resource's CR status.]
- 6J State Historic Landmarks (CHL) or State Points of Historical Interest (SPHI) determined ineligible for or removed as a CHL or SPHI by the SHRC.
- 6L Determined ineligible for local listing or designation through local government review process; may warrant special consideration in local planning.
- 6T Determined ineligible for NR through Part I Tax Certification process.
- 6U Determined ineligible for NR pursuant to Section 106 without review by SHPO.
- 6W Removed from NR by the Keeper.
- 6X Determined ineligible for NR by the SHRC or the Keeper.
- 6Y Determined ineligible for NR by consensus through Section 106 process – Not evaluated for CR or local listing.
- 6Z Found ineligible for NR, CR or local designation through survey evaluation.
- 6WM Removed from Master List because no longer state owned.
- 6XM Removed from Master List because of historic feature loss or further evaluation.
- 6YM State agency owned resource determined ineligible for Master List.

7 Not Evaluated for National Register (NR) or California Register (CR) or Needs Re-evaluation

- 7E Treated as eligible for the purpose of OHP review.
- 7J Received by OHP for evaluation or action but not yet evaluated.
- 7K Submitted to OHP for action but not reevaluated.
- 7L State Historical Landmarks 1-769 – that do not meet CR criteria.
- 7M Submitted to OHP but not evaluated - referred to NPS.
- 7N Needs to be reevaluated - formerly coded as may become NR eligible with specific conditions.
- 7N1 Needs to be reevaluated (former status code 4) - may become NR eligible with restoration or other specific conditions.
- 7P State Point of Historical Interests that do not meet CR criteria.
- 7R Identified in Reconnaissance Level Survey or in an Area of Potential Effect (APE): Not evaluated.
- 7W Submitted to OHP for action – withdrawn or inactive.

Caltrans Bridge Inventory, Fairfield, Hope 2005

Bridge	Name	Fac	City	Yr Blt	Notes
23 0004G	N680-E80 CONN	N680-E80 CONNECTOR	Fairfield	1961	
23 0004L	GREEN VALLEY CREEK	INTERSTATE 80	Fairfield	1928	Does not meet significance criteria.
23 0004R	GREEN VALLEY CREEK	INTERSTATE 80	Fairfield	1951	Does not meet significance criteria.
23 0008L	LEDGEWOOD CREEK	INTERSTATE 80	Fairfield	1961	
23 0008R	LEDGEWOOD CREEK	INTERSTATE 80	Fairfield	1948	Does not meet significance criteria.
23 0008S	LEDGEWOOD CREEK	RAMP/CONNECTOR 80	Fairfield	1949	Does not meet significance criteria.
23 0025	CORDELIA UP	I 80	Fairfield	1968	
23 0061L	TRAVIS BLVD (NBND) OC	TRAVIS BLVD (NBND)	Fairfield	1983	
23 0061R	TRAVIS BLVD (SBND) OC	TRAVIS BLVD (SBND)	Fairfield	1963	
23 0093	W FAIRFIELD PUC	INTERSTATE 80	Fairfield	1961	
23 0096	AIR BASE PARKWAY OC	AIR BASE PARKWAY	Fairfield	1989	
23 0102	N TEXAS ST OC	N. TEXAS ST	Fairfield	1965	
23 0106L	W TEXAS ST UC	INTERSTATE 80	Fairfield	1961	
23 0106R	W TEXAS ST UC	INTERSTATE 80	Fairfield	1961	
23 0135E	GREEN VALLEY CREEK	RAMP/CONNECTOR 80	Fairfield	1961	
23 0139E	ROUTE 680/80 SEPARATION	N680-W80&W80-S680	Fairfield	1961	
23 0140	SUISUN VALLEY ROAD OC	SUISUN VALLEY ROAD	Fairfield	1961	

Caltrans Bridge Inventory, Fairfield, Hope 2005

Bridge	Name	Fac	City	Yr Blt	Notes
23 0142L	CORDELIA OH	INTERSTATE 680 SB	Fairfield	1961	
23 0142R	CORDELIA OH	INTERSTATE 680 NB	Fairfield	1961	
23 0163	GOLDHILL RD OC	GOLD HILL ROAD	Fairfield	1966	
23 0165	RED TOP RD UC	INTERSTATE 80	Fairfield	1969	
23 0166	AMERICAN CANYON CREEK	INTERSTATE 680	Fairfield	1966	
23 0228	ALONZO DRAIN	STATE HWY 12	Fairfield	0	Culvert - treated as categorically ineligible.
23 0229	LEDGEWOOD CREEK	STATE HWY 12	Fairfield	0	Culvert - treated as categorically ineligible.
23C0002	LEDGEWOOD CREEK	ROCKVILLE ROAD	Fairfield	1980	
23C0031	TRAVIS OVERHEAD	AIR BASE PKWY	Fairfield	1954	Does not meet significance criteria.
23C0039	LEDGEWOOD CREEK	MAGELLAN ROAD	Fairfield	1961	
23C0070	AMERICAN CANYON CREEK	LOPES ROAD	Fairfield	1982	
23C0071	JAMESON CANYON CREEK	LOPES ROAD	Fairfield	1915	Does not meet significance criteria.
23C0072	NORTH TEXAS STREET SEP	N TEXAS STREET	Fairfield	1979	
23C0079	GREEN VALLEY CREEK	CORDELIA RD	Fairfield	1988	
23C0081	PENNSYLVANIA CREEK	CORDELIA RD	Fairfield	0	Culvert - treated as categorically ineligible.
23C0083	PUTAH SOUTH CANAL	PEABODY ROAD	Fairfield	1960	
23C0106	UNION AV DIVERSION CANAL	GULF DR	Fairfield	1991	

Caltrans Bridge Inventory, Fairfield, Hope 2005

Bridge	Name	Fac	City	Yr Blt	Notes
23C0107	LAUREL CREEK	GULF DRIVE	Fairfield	1982	
23C0108	ALONZO DRAIN	BECK AVE	Fairfield	1985	
23C0112	UNION AV DIVERSION CANAL	DOVER AVE	Fairfield	1988	
23C0113	LAUREL CREEK	AIR BASE PARKWAY	Fairfield	1988	
23C0114	LEDGEWOOD CREEK	BECK AVE	Fairfield	1982	
23C0115	PENN DITCH	PENNSYLVANIA AVE	Fairfield	1960	
23C0126	PUTAH SOUTH CANAL	NORTH TEXAS ST	Fairfield	1978	
23C0127	LAUREL CREEK	CEMENT HILL RD	Fairfield	1983	
23C0128	LAUREL CREEK	NIGHTINGALE DR	Fairfield	1991	
23C0129	LAUREL CREEK	MEADOWLARK DR	Fairfield	1991	
23C0133	LAUREL CREEK	EAST TABOR AVE	Fairfield	1987	
23C0134	PENN DITCH	WOOLNER AVE	Fairfield	1962	
23C0150	GREEN VALLEY CREEK	CENT WAY PITTMAN	Fairfield	1970	
23C0151	GREEN VALLEY DRAIN	PITTMAN RD	Fairfield	1937	Replaced in 2002.
23C0181	GREEN VALLEY CREEK	GREEN VALLEY ROAD	Fairfield	1992	
23C0208	PUTAH SOUTH CANAL	DOVER AVE	Fairfield	1989	
23C0214	LEDGEWOOD CK	WOOLNER AVE	Fairfield	1983	

Caltrans Bridge Inventory, Fairfield, Hope 2005

Bridge	Name	Fac	City	Yr Blt	Notes
23C0227	PUTAH SOUTH CANAL	HILBORN ROAD	Fairfield	1978	
23C0228	PUTAH SOUTH CANAL	DICKSON HILL RD	Fairfield	1992	
23C0229	LAUREL CREEK	MANUEL CAMPES	Fairfield	1991	
23C0232	LAUREL CREEK	SUNSET AVE	Fairfield	1991	
23C0233	LAUREL CREEK DIVERSION	BLOSSOM AVE	Fairfield	1991	
23C0234	LAUREL CREEK DIVERSION	MATHEWS ST	Fairfield	1991	
23C0240	LAUREL CREEK DIVERSION	WORLEY RD	Fairfield	1991	
23C0241	LAUREL CREEK DIVERSION	RAILROAD AVE	Fairfield	1991	
23C0244	DOVER AVE.	DOVER AVE.	Fairfield	1989	
23C0245	DICKSON HILL RD.	DICKSON HILL RD.	Fairfield	1989	
23C0246	CLAY BANK RD.	CLAY BANK RD.	Fairfield	2002	

Appendix E: Noise Analysis

MEMORANDUM

DATE: 21 June 2024

NAME:
Rajeev Bhatia, AICP

COMPANY:
Dyett & Bhatia

EMAIL:
rajeev@dyettandbhatia.com

FROM: Sebastian Vuskovic, Jeremy Decker, PE

SUBJECT: City of Fairfield – General Plan Update
Noise Analysis Cover Letter

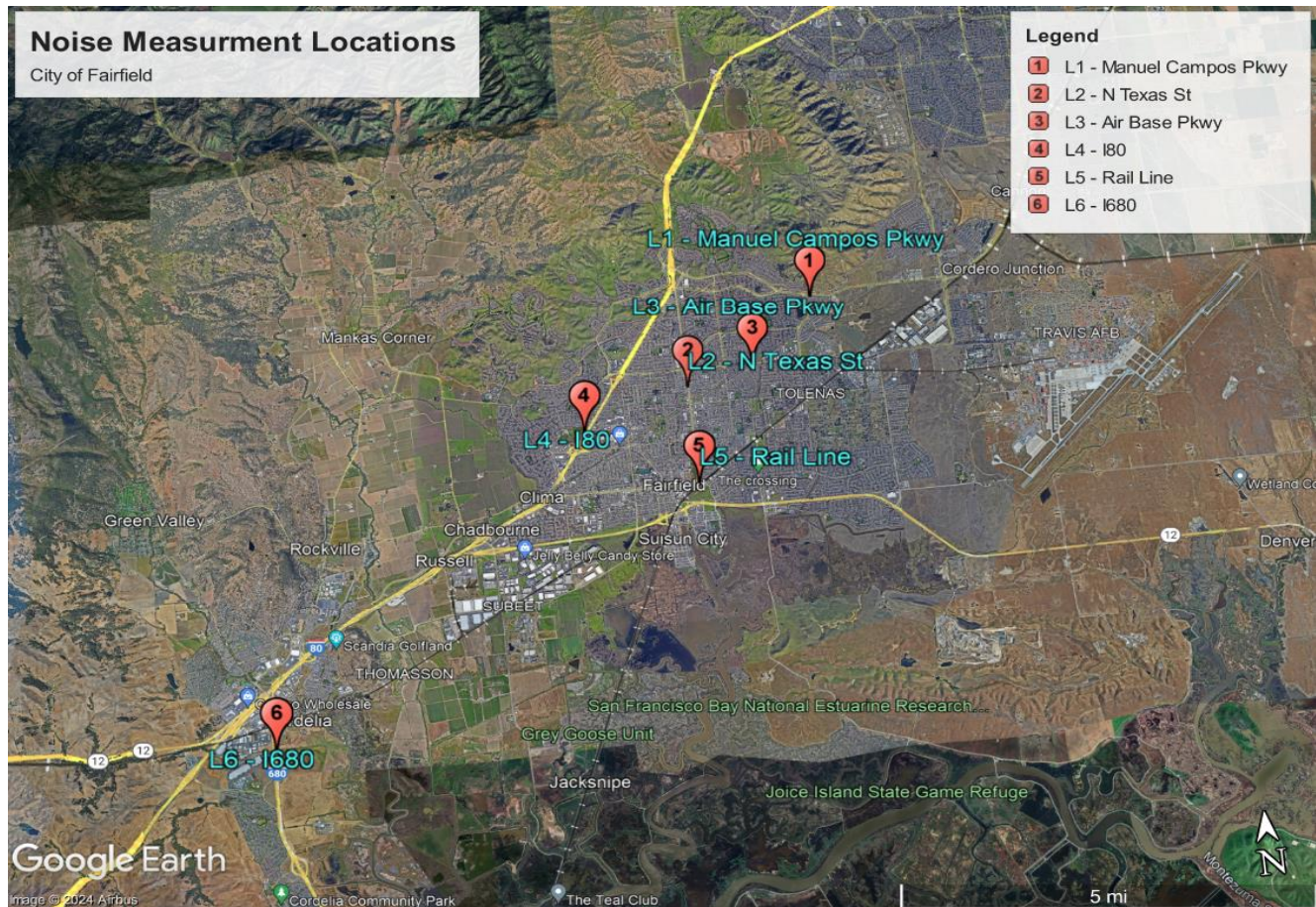
PROJECT: 20-0524

To support the efforts related to the City of Fairfield General Plan update and its associated environmental impact report (EIR), we performed noise measurements of existing noise within the City, analyzed existing and projected future traffic noise analysis, and developed graphical noise contour maps to illustrate that analysis. Noise measurement results are provided below. Traffic analysis data and noise contour maps are provided separately in electronic formats, but notes related to those analyses are provided below.

NOISE MEASUREMENTS

As part of the study of existing conditions in the City of Fairfield study area, we performed long-term noise measurements at the locations depicted in the image below from 28 through 31 May 2024.





The measured noise levels are listed in Table 1 below. The distances listed are from the roadway centerline. The monitors were located approximately 12' above grade. Table 2 represents the same measured noise levels, but the values are normalized to a common distance of 50 feet from the roadway centerline to allow for easy comparison between the noise sources.

Table 1: Noise Measurement Survey Results

#	Roadway	Measurement Distance	Measured DNL ¹
		from Roadway Centerline	
L1	Manuel Campos Pkwy	20 feet	77 dB
L2	N Texas St	40 feet	74 dB
L3	Air Base Pkwy	55 feet	77 dB
L4	I80	140 feet	79 dB
L5	Rail line	65 feet	73 dB
L6	I680	105 feet	80 dB

Table 2: Noise Measurement Survey Results, Calculated DNL at normalization distance of 50 ft

#	Roadway	Calculated DNL
L1	Manuel Campos Pkwy	71 dB
L2	N Texas St	73 dB
L3	Air Base Pkwy	78 dB
L4	I80	86 dB
L5	Rail line	75 dB
L6	I680	85 dB

TRAFFIC NOISE ANALYSIS

Baseline “existing” and projected “future” traffic data were provided by the project traffic engineer. These traffic data are assumed to be annualized average daily traffic data. For Interstate 80, Interstate 680 and Highway 12, traffic data published by Caltrans Census Program (2020 data) were used as initial input for our noise calculations. For “future” conditions, we assumed a one percent increase in highway traffic volumes per year over the duration of 30 years. For the main Capital Corridor rail line, our analysis is based on our noise measurements along the right of way (Location L5 above).

We then used the Federal Highway Administration’s Highway Traffic Noise Model (FHWA-RD-77-108) to calculate traffic noise levels along major roadways included in the project study. The results of the noise model calculations at certain roadways were then verified using the noise measurement results described

¹ DNL (Day-Night Average Sound Level) – A descriptor for a 24-hour A-weighted average noise level. DNL accounts for the increased acoustical sensitivity of people to noise during the nighttime hours. DNL penalizes sound levels by 10 dB during the hours from 10 PM to 7 AM. For practical purposes, the DNL and CNEL are usually interchangeable. DNL is sometimes written as L_{dn} .

above. Generally, the measurements were in-line with calculation results; though slight refinements were made to the calculations to improve the alignment. The final results of this analysis are provided in electronic spreadsheet format.

NOISE CONTOUR MAPS

With the traffic noise calculation results, graphical noise contour maps for highways and major roadways in the City of Fairfield were developed using Cadna/A acoustical analysis software. These maps indicate the approximate noise exposure levels associated with the selected transportation noise sources. Actual conditions on each property could vary from the contours, particularly at longer distances, due to such factors as elevation, terrain, noise barriers, and screening. In establishing noise contours for land use planning, it is customary to ignore noise attenuation afforded by such factors. The result is a worst-case estimate of the noise environment. The assumption is that it is preferable to overestimate the potential noise at a site than to underestimate the noise environment and allow for potentially incompatible land-use development.

The graphical noise contour maps are provided in electronic form, both as PDF documents and GIS Shapefiles.

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Please let us know if you have any questions.



City of Fairfield Housing Element Update
Traffic Analysis for Noise Contour Summary
Salter Project #20-0524 (17 July 2024)

#	Roadway	Segment	Existing Noise Level at 50' (DNL in dB)	Future Noise Level at 50' (DNL in dB)	Projected Increase (dB)	Future: Distance from Centerline to DNL 70 dB	Future: Distance from Centerline to DNL 65 dB	Future: Distance from Centerline to DNL 60 dB
1	Pennsylvania Ave	between Tabor and Canterbury	65	66	1	<50	60	140
2	Suisun Valley Rd	between Campus and Oakwood	70	70	<1	50	120	250
3	Suisun Parkway	at Suisun Creek	68	71	3	60	130	290
4	Manual Campos Pkwy	east of Clay Bank	71	78	7	160	350	750
5	Air Base Pkwy	between Heath and North Texas	77	78	1	170	360	770
6	Oliver Rd	between Travis and Woodcreek	68	69	1	<50	90	190
7	Hilborn Rd	south of Vista Grande	71	72	1	70	150	320
8	North Texas St	at Putah South Canal	72	73	1	80	170	360
9	Dover Ave	between Cement Hill and Marigold	69	70	1	50	100	220
10	Air Base Pkwy	between Dover and Clay Bank	75	75	<1	120	250	540
11	Clay Bank Rd	north of Cement Hill	68	72	4	70	150	320
12	Travis Blvd	between Flamingo and Phoenix	71	74	3	90	180	400
13	Cordelia Rd	between Beck and Chadbourne	63	67	4	<50	70	150
14	Travis Blvd	between Monroe and Adams	73	74	1	90	200	430
15	Texas St	between Utah and Tennessee	73	73	<1	80	170	370
16	Waterman Blvd	west of 10 Gate	73	74	1	90	190	420
17	Tabor Ave	between Falcon and Sunset	69	69	<1	<50	100	210
18	Red Top Rd	between Watt and I-80	68	70	2	50	110	240
19	Lopes Rd	between Brittany and Silver Creek	67	68	1	<50	80	170
20	West Texas St	between 1st and 2nd	74	74	<1	90	200	440
21	Interstate 680	south of I80 junction	85	86	1	620	1340	2890
22	Highway 12	between I80 junction and Beck Ave	78	80	2	220	470	1020
23	Highway 12	between Beck Ave and Pennsylvania Ave	78	79	1	210	440	960
24	Highway 12	between Pennsylvania Ave and Marina Bl	78	79	1	190	420	900
25	Interstate 80	west of Highway 12 junction	86	87	1	640	1390	2990
26	Interstate 80	between Highway 12 junctions	88	89	1	890	1920	4150
27	Interstate 80	east of Highway 12 junction	87	89	2	860	1860	4000
28	Highway 12	west of I80 junction	78	79	1	210	460	1000

29	Capital Corridor Railway	76	76	<1	130	280	590
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Definition:

DNL (Day-Night Average Sound Level) – A descriptor for a 24-hour A-weighted average noise level. DNL accounts for the increased acoustical sensitivity of people to noise during the nighttime hours. DNL penalizes sound levels by 10 dB during the hours from 10 PM to 7 AM. For practical purposes, the DNL and CNEL are usually interchangeable. DNL is sometimes written as Ldn.

Local Roadway Comments/Assumptions

- 1) "Existing" traffic noise level estimates are based on local roadway traffic volumes provided by the project traffic engineer (data received May 2024) and the assumptions/notes listed below. "Future" traffic noise level estimates are based on the expected increase in traffic volume (per the traffic engineer's data).
- 2) DNL is estimated to be equal to the peak hour Leq for local roadways, this is based on traffic noise trends found in noise measurements in the study area and our experience with similar measurements for past projects.
- 3) Truck percentage of traffic volumes are assumed to be between 2 percent and 4 percent. The 2 percent baseline assumption based on input from traffic engineers on past projects. Based on our experience with many similar projects, this is a reasonable starting point. It is refined slightly, if needed, per Comment #8 below.
- 4) Speeds are estimated per street type/posting.

Interstate/Highway Comments/Assumptions

- 5) Interstate/Highway traffic volumes are per Caltrans 2020 Census data (Source: <https://dot.ca.gov/programs/traffic-operations/census>).
- 6) DNL is estimated to be equal to the peak hour Leq +2 dB for freeways, this is based on traffic noise trends found in noise measurements in the study area and our experience with similar measurements for past projects.
- 7) Estimated future Interstate/Highway traffic volume and noise levels assume a 1% increase in volume per year. In a report dated November 2007, the Metropolitan Transportation Commission estimates that vehicle trips in the San Francisco Bay Area will increase by approximately 1 percent per year through the year 2035. (Transportation 2035 Change in Motion, Travel Forecasts for the San Francisco Bay Area 2009 Regional Transportation Plan Vision 2035 Analysis, November 2007, Tables E.17.2 and E.18.2.)

General Comments/Assumptions

- 8) In addition to utilizing traffic data and assumptions listed above, existing traffic noise calculations have been adjusted, or "calibrated," using results of noise measurements at several locations throughout the study area to further refine the results above.
- 9) It is assumed that railway noise would not change as there are no known planned expansions, improvements, or changes in railroad operations.
- 10) Railway noise levels listed relate to passby noise between crossings and do not reflect local noise from horns at grade crossings.

Appendix F: Student Projection Methodology

To provide an estimation of student generation rates associated with implementation of the Proposed Project, the following steps were taken:

I. DETERMINE LONG-TERM AGE-ADJUSTED POPULATION FACTOR

Solano County’s population is aging, and as such, the proportion of school-aged children will decrease into the future. Using the Department of Finance’s Report P-2B: Total Estimated and Projected Population for California Counties by Individual Year of Age, July 1 2020-2060, the change in elementary, middle, and high school age children was calculated from 2024 to 2050.

Table 1: Proportion of School-Age Children Projections, Solano County

School Type	2024		2050		Demographic Change Factor
	People	Percentage of Total County Population	People	Percentage of Total County Population	
FSUSD					
Elementary (K-6)	37,548	8.3	37,584	7.6	91.5
Middle (7-8)	10,897	2.4	10,959	2.2	91.9
High (9-12)	22,737	5.0	21,688	4.4	87.2
County Total (all ages)	452,095	15.9	494,487	14.2	-
TUSD					
Elementary (K-5)	32,163	7.1	32,189	6.5	91.5
Middle (6-8)	16,282	3.6	16,354	3.3	91.8
High (9-12)	22,737	5.0	21,688	4.4	87.2
County Total (all ages)	452,095	15.9	494,487	14.2	-

Note: Factors may not sum due to rounding

Source: Department of Finance, 2024; FSUSD, 2020; FSUSD; 2024; Dyett & Bhatia, 2024

2. DETERMINE 2050 GENERATION RATES

Student generation rates provided as part of Fairfield Suisun Unified School District’s (FSUSD) 2023/2024 Demographics and Enrollment Projections Report and Travis Unified School District’s

(TUSD) 2024 fee study are modified to account for declining student population in Solano County provided by FSUSD. The 2023/2024 FSUSD Demographics and Enrollment Projections Report did not break down units by multifamily or single family type. Student Generation Rates for FSUSD and TUSD are shown below:

Table 2: Student Generation Rates, 2024

	Student Generation Rate	
	Single Family	Multifamily
FSUSD		
Elementary (K-6)	0.21 ^I	N/A
Middle (7-8)	0.10 ^I	N/A
High (9-12)	0.14 ^I	N/A
TUSD		
Elementary (K-5)	0.23	0.18
Middle (6-8)	0.15	0.03
High (9-12)	0.16	0.07

I: Generation Rates for FSUSD represent all housing and is not available by single-family/multi-family. 2020 yield rates from the 2023/24 Demographics and Enrollment Projections Report are used as a conservative estimate.

Source: FSUSD, 2023; TUSD, 2024; Dyett & Bhatia, 2024

3. CALCULATE PROPORTION FROM FAIRFIELD

Students attend FSUSD and TUSD from outside the Planning Area. To calculate students estimated to be coming from housing within the city's Urban Limit line in 2024, 2023 Solano County Assessors data was used to determine the breakdown of single family and multifamily development for each school district. Next, buildout by school district was calculated for 2050 by multiplying student generation rates in **Table 2** by the demographic change factor shown in **Table 1**. The difference between the two years is the estimated amount of student generation expected to occur from implementation of the Proposed Project and shown in **Table 3**.

Table 3: Student Generation Rates from City of Fairfield Urban Limit Line

	<u>Student Generation Rates</u>		<u>Total Housing Units</u>		<u>Student Population from Fairfield</u>		
	<i>SF</i>	<i>MF</i>	<i>SF</i>	<i>MF</i>	<i>SF</i>	<i>MF</i>	<i>Total</i>
Existing Student Population Generated from Fairfield, 2024							
FSUSD							
Elementary (K-6)	0.23	0.18			6,133	1,777	7,910
Middle (7-8)	0.15	0.03			4,116	320	4,436
High (9-12)	0.16	0.07			4,196	670	4,866
Total	0.54	0.29	26,899	9,711	14,445	2,768	17,212
TUSD							
Elementary (K-5)	0.29	0.15			632	45	677
Middle (6-8)	0.11	0.05			240	15	255
High (9-12)	0.23	0.07			501	21	522
Total	0.63	0.27	2,179	300	1,373	81	1,454
Projected Student Population Generated from Proposed Project, 2050							
FSUSD							
Elementary (K-6)	0.21	0.17			6,008	2,490	8,498
Middle (7-8)	0.14	0.03			4,051	451	4,502
High (9-12)	0.14	0.06			3,917	895	4,812
Total	0.49	0.26	28,793	14,868	13,976	3,836	17,811
TUSD							
Elementary (K-5)	0.27	0.14			1,365	506	1,871
Middle (6-8)	0.10	0.05			520	170	690
High (9-12)	0.20	0.06			1,032	225	1,257
Total	0.57	0.24	5,144	3,688	2,917	901	3,818

Table 3: Student Generation Rates from City of Fairfield Urban Limit Line

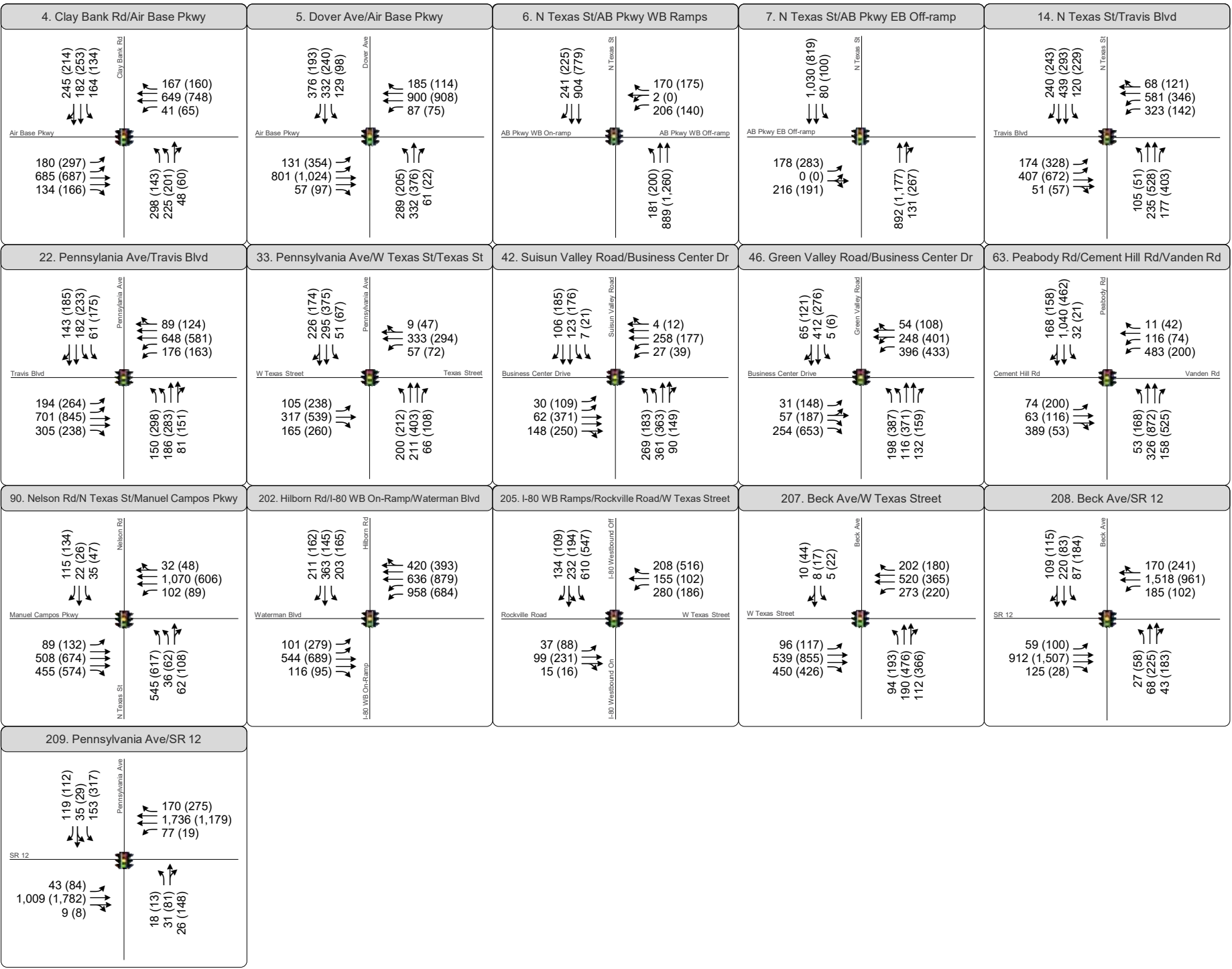
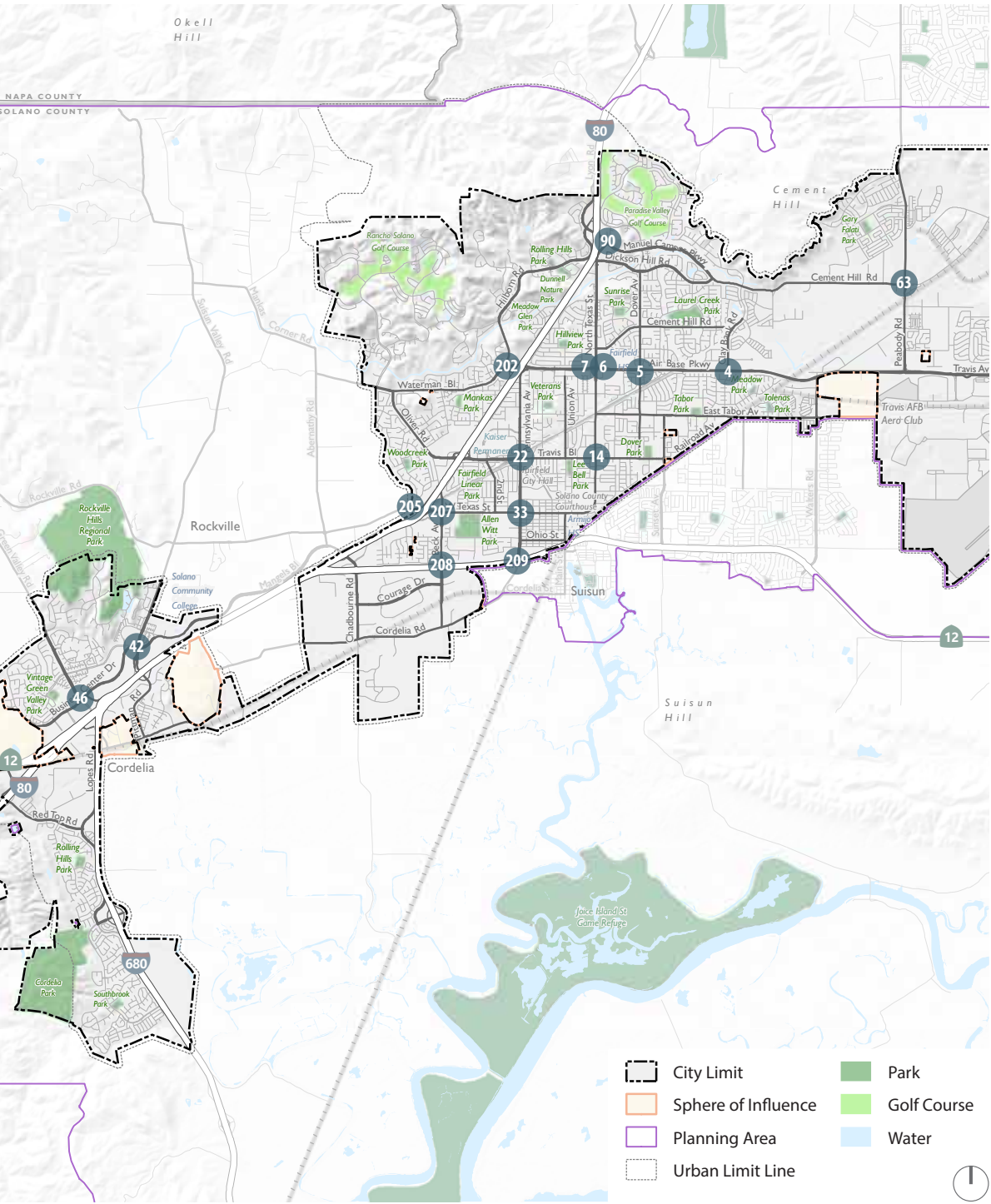
	<u>Student Generation Rates</u>		<u>Total Housing Units</u>		<u>Student Population from Fairfield</u>		
	<i>SF</i>	<i>MF</i>	<i>SF</i>	<i>MF</i>	<i>SF</i>	<i>MF</i>	<i>Total</i>
Enrollment Difference, 2024-2050							
FSUSD							
Elementary (K-6)							749
Middle (7-8)							128
High (9-12)							175
TOTAL STUDENT DIFFERENCE							1,051
TUSD							
Elementary (K-5)							1,207
Middle (6-8)							440
High (9-12)							744
TOTAL STUDENT DIFFERENCE							2,392

Source: FSUSD, 2023; TUSD, 2024; Dyett & Bhatia, 2024

Appendix G: LOS Calculations and Improvements

Int #	Intersections	Existing GP LOS Threshold	2050 GP LOS Threshold	Peak Hour	Existing		2050 PP - No Optimization		2050 PP - With Optimization		Notes
					Delay (in seconds)	LOS	Delay (in seconds)	LOS	Delay (in seconds)	LOS	
4	Clay Bank Rd & Air Base Pkwy ¹	D	E	AM	39.4	D	97.7	F	42.7	D	NB: Split to Prot L, restriped 1 L to T; SB: Split to Prot L; Optimized CL; Optimized splits with overlaps; Changed PHF to .98
				PM	41.8	D	379.6	F	53.2	D	
5	Dover Ave & Air Base Pkwy ¹	D	E	AM	60.2	E	70.8	E	70.8	E	N/A
				PM	62.1	E	76.8	E	76.8	E	
6	N Texas St & AB Pkwy WB On-ramp/AB Pkwy WB Off-ramp ¹	D	E	AM	30	C	31.6	C	31.6	C	N/A
				PM	24.1	C	30.3	C	30.3	C	
7	N Texas St & AB Pkwy EB Off-ramp ¹	D	E	AM	29.4	C	30.7	C	30.7	C	N/A
				PM	35.1	D	67.5	E	67.5	E	
14	N Texas St & Travis Blvd	D	D	AM	37.5	D	56.2	E	38.8	D	EB: Split to Prot L; WB: Split to Prot L; Optimized CL; Optimized splits
				PM	38.2	D	62.3	E	39.9	D	
22	Pennsylvania Ave/Pennsylvania Ave & Travis Blvd	D	D	AM	50.6	D	54	D	51.3	D	SB: restriped TR to R; WB: restriped TR to R; Adjusted Lost Time in PM; Optimized splits with overlaps; Changed PHF to .98 only in the PM
				PM	54.5	D	93.8	F	52.7	D	
33	Pennsylvania Ave & W Texas St/Texas St	D	D	AM	43	D	70.9	E	48.1	D	Optimized splits
				PM	51.8	D	58.2	E	47.8	D	
42	Suisun Valley Rd & Business Center Dr	D	D	AM	19	B	83.3	F	50.3	D	NB: restriped TR to R; SB: restriped 1 L to T; EB: restriped TR to R; WB: restriped TR to R; Optimized CL; Optimized splits with overlaps; Changed PHF to .98
				PM	22.2	C	142.4	F	66.0	E	
46	Green Valley Rd & Business Center Dr	D	D	AM	22.2	C	65.4	E	53.5	D	EB: Split to Prot L; WB: Split to Prot L; Adjusted Lost Time. Optimized splits with overlaps; Optimized CL (190s); Changed PHF to .98 only in the PM
				PM	39.2	D	118.2	F	54.6	D	
63	Peabody Rd & Cement Hill Rd/Vanden Rd ¹	D	E	AM	58.8	E	180.4	F	96.2	F	EB: restriped TR to R; Optimized splits;
				PM	19.5	B	122.6	F	72.1	E	
90	N Texas St/Nelson Rd & Manuel Campos Pkwy	D	D	AM	42	D	72.7	E	50.6	D	Optimized splits for AM only
				PM	43.3	D	45.2	D	45.2	D	
202	I-80 WB On-Ramp/Hilborn Rd & Waterman Blvd	D	D	AM	28.7	C	45.6	D	45.6	D	N/A
				PM	47.7	D	46.2	D	46.2	D	
205	I-80 Westbound On/Off Ramp & Rockville Rd/W Texas St	D	D	AM	43.1	D	44.1	D	44.1	D	N/A
				PM	48.2	D	46.9	D	46.9	D	
207	Beck Ave & W Texas St	D	D	AM	41.7	D	33.9	C	31.2	C	Optimized splits with overlaps; Changed PHF to .98 only in the PM
				PM	85.2	F	118.2	F	44.9	D	
Intersections to include in EIR, not GP											
208	Beck Ave & SR 12 ¹	D	E	AM	45	D	221.2	F	126.4	F	Optimized splits with overlaps; Changed PHF to .98
				PM	43.3	D	249.8	F	168.6	F	
209	Pennsylvania Ave & SR 12 ¹	D	E	AM	23.3	C	188.5	F	188.8	F	Optimized splits with overlaps; Changed PHF to .98
				PM	40	D	499.3	F	327.2	F	

Segment #	Roadway Segment	Roadway Classification from previous GP	# of Lanes 2020	2050 AM Peak Hour Volumes No Project	AM LOS	2050 PM Peak Hour Volumes No Project	PM LOS	# of Lanes 2050	2050 AM Peak Hour Volumes With Project	AM LOS	2050 PM Peak Hour Volumes With Project	PM LOS
1	Pennsylvania between Tabor and Canterbury	Minor Arterial	2	427	C	455	C	2	590	C	570	C
2	Suisun Valley between Campus and Oakwood	Minor Arterial	4	1,008	C	1,010	C	4	1,110	C	1,120	C
3	Suisun Parkway at Suisun Creek	Major Arterial	4	557	C	702	C	4	1,400	C	1,250	C
4	Manuel Campos east of Clay Bank	Minor Arterial	2	832	C	988	D	6	3,670	D	4,600	D
5	Air Base between Heath and North Texas	Major Arterial	4	2,665	D	2,877	D	4	2,910	D	3,140	D
6	Oliver between Travis and Woodcreek	Minor Arterial	4	647	C	615	C	4	720	C	750	C
7	Hilborn south of Vista Grande	Minor Arterial	4	1,251	C	1,193	C	4	1,400	C	1,600	C
8	North Texas at Putah South Canal	Major Arterial	4	1,161	C	1,403	C	4	1,270	C	1,530	C
9	Dover between Cement Hill and Marigold	Minor Arterial	4	771	C	769	C	4	850	C	940	C
10	Air Base between Dover and Clay Bank	Major Arterial	4	2,130	D	2,274	D	4	2,610	D	2,800	D
11	Clay Bank north of Cement Hill	Minor Arterial	2	742	C	865	C	4	1,840	D	2,130	D
12	Travis between Flamingo and Phoenix	Major Arterial	4	919	C	1,217	C	4	1,690	C	2,270	D
13	Cordelia between Beck and Chadbourne	Major Arterial	2	175	C	295	C	2	490	C	670	C
14	Travis between Monroe and Adams	Major Arterial	4	1,209	C	1,642	C	4	1,480	C	1,990	D
15	Texas between Utah and Tennessee	Major Arterial	4	1,215	C	1,466	C	4	1,440	C	1,620	C
16	Waterman west of 10 Gate	Minor Arterial	4	1,438	C	1,691	C	4	1,590	C	1,910	D
17	Tabor between Falcon and Sunset	Minor Arterial	2	937	C	999	D	2	1,040	D	1,100	D
18	Red Top between Watt and I-80	Minor Arterial	2	834	C	830	C	4	1,340	C	1,380	C
19	Lopes between Brittany and Silver Creek	Minor Arterial	2	578	C	628	C	2	760	C	820	C
20	West Texas between 1st and 2nd	Major Arterial	4	1,414	C	2,082	F	2	1,420	D	2,090	F

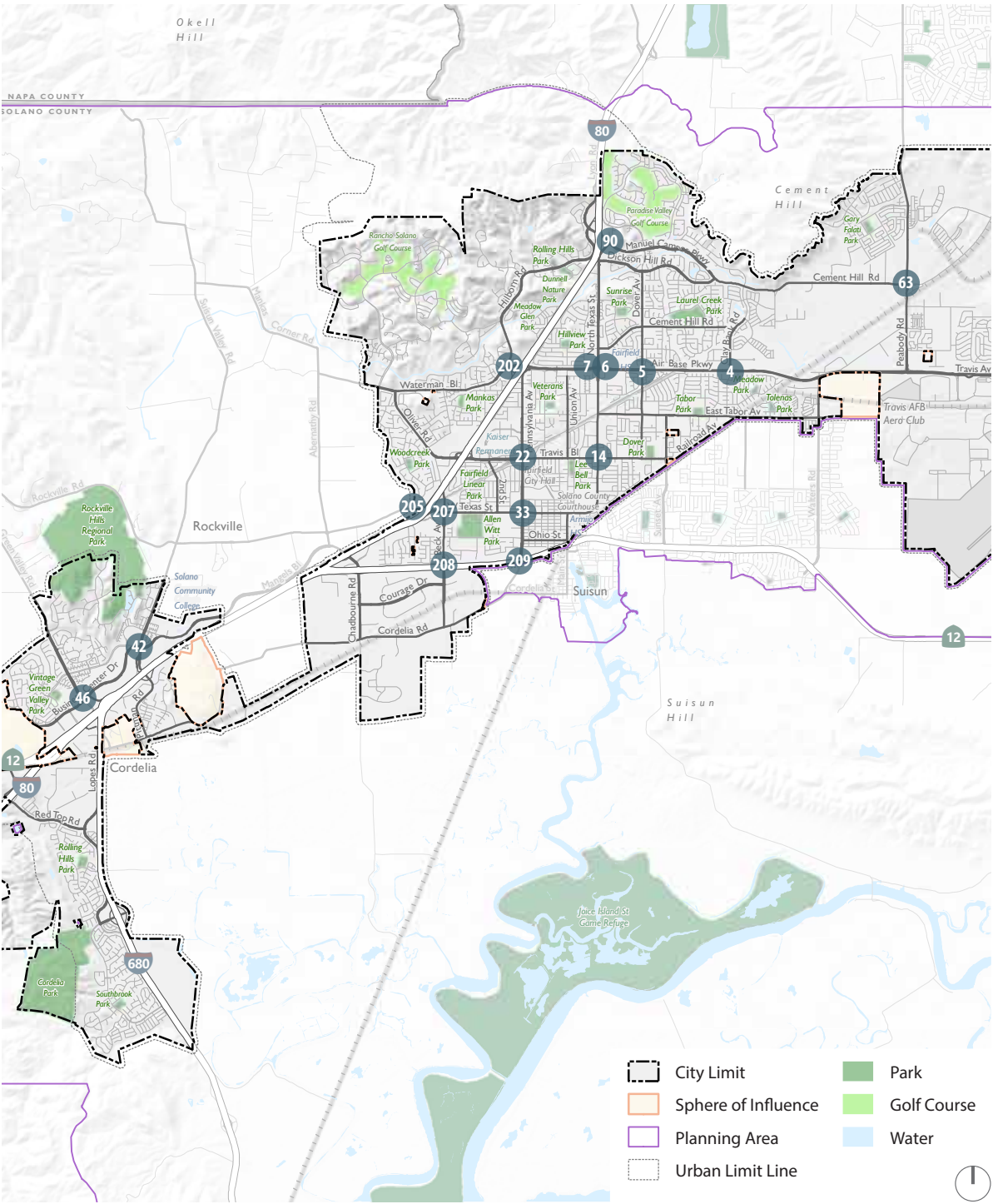


Intersection Analysis Location XX (YY) AM (PM) Peak Hour Traffic Volumes Signalized Intersection



Figure 1

Existing Traffic Volumes and Lane Configurations



Intersection Analysis Location XX (YY) AM (PM) Peak Hour Traffic Volumes Signalized Intersection

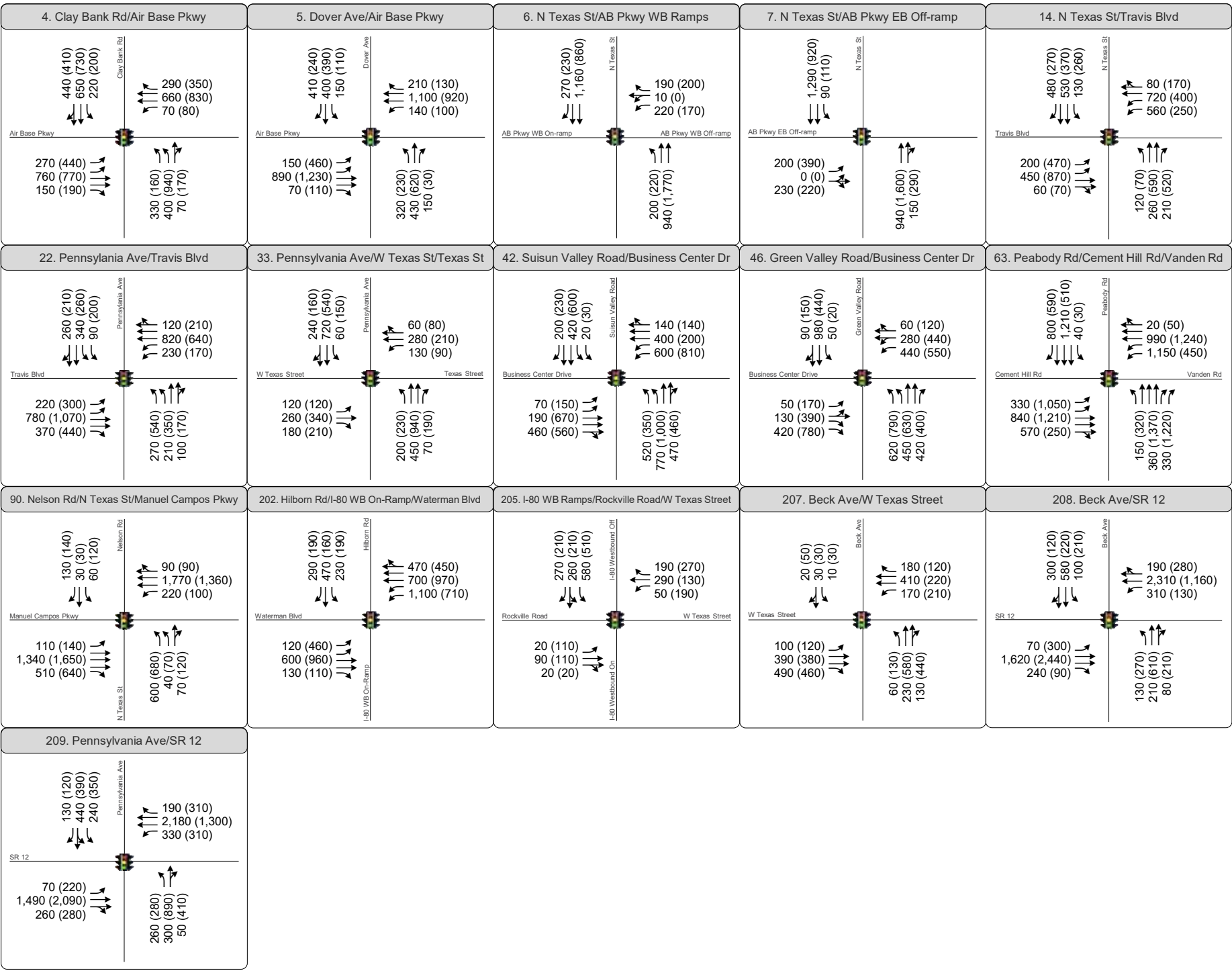
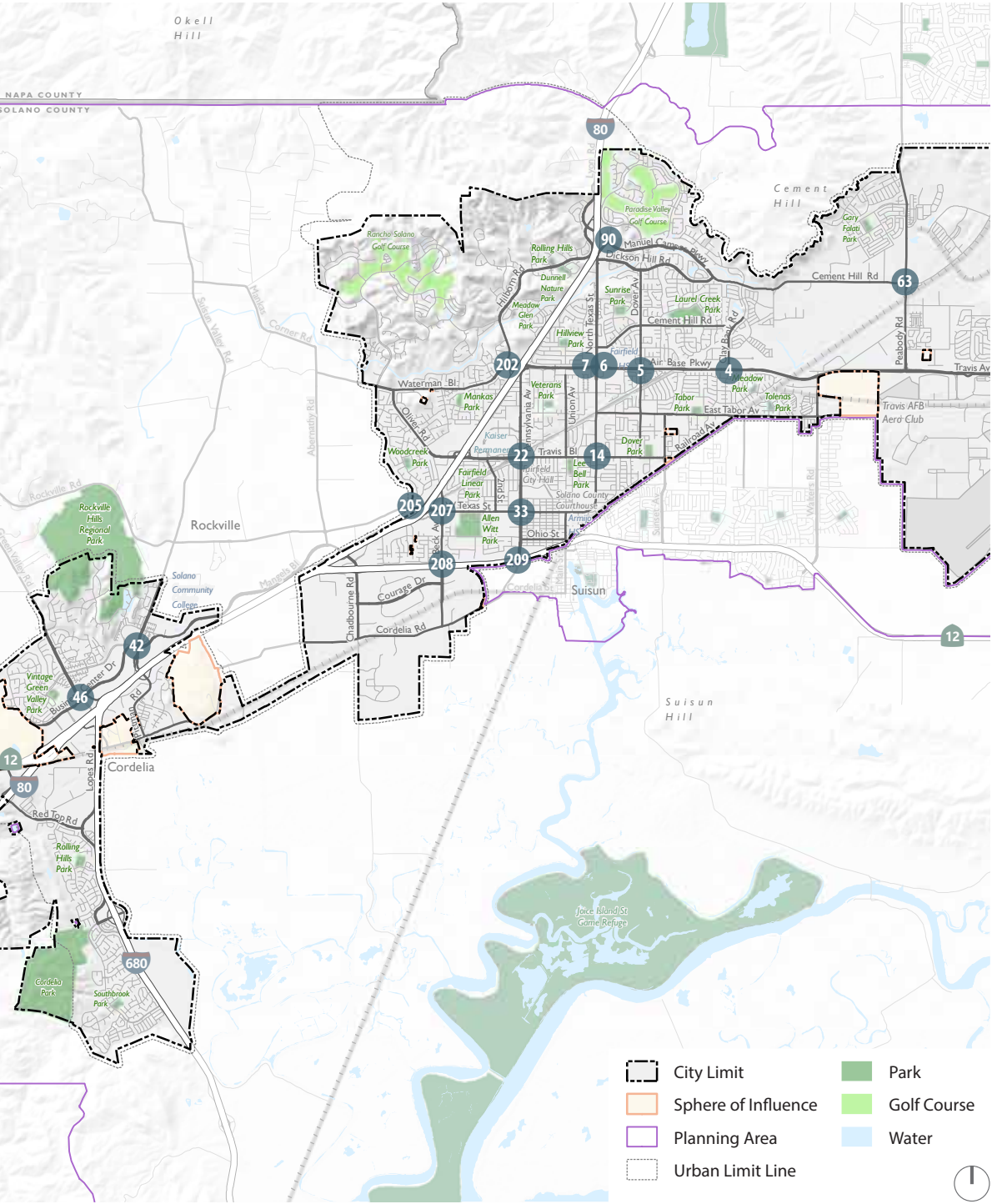


Figure 2

2050 General Plan Traffic Volumes and Assumed Lane Configurations



Intersection Analysis Location XX (YY) AM (PM) Peak Hour Traffic Volumes Signalized Intersection

Failing Turn Movement

AM PM AM and PM

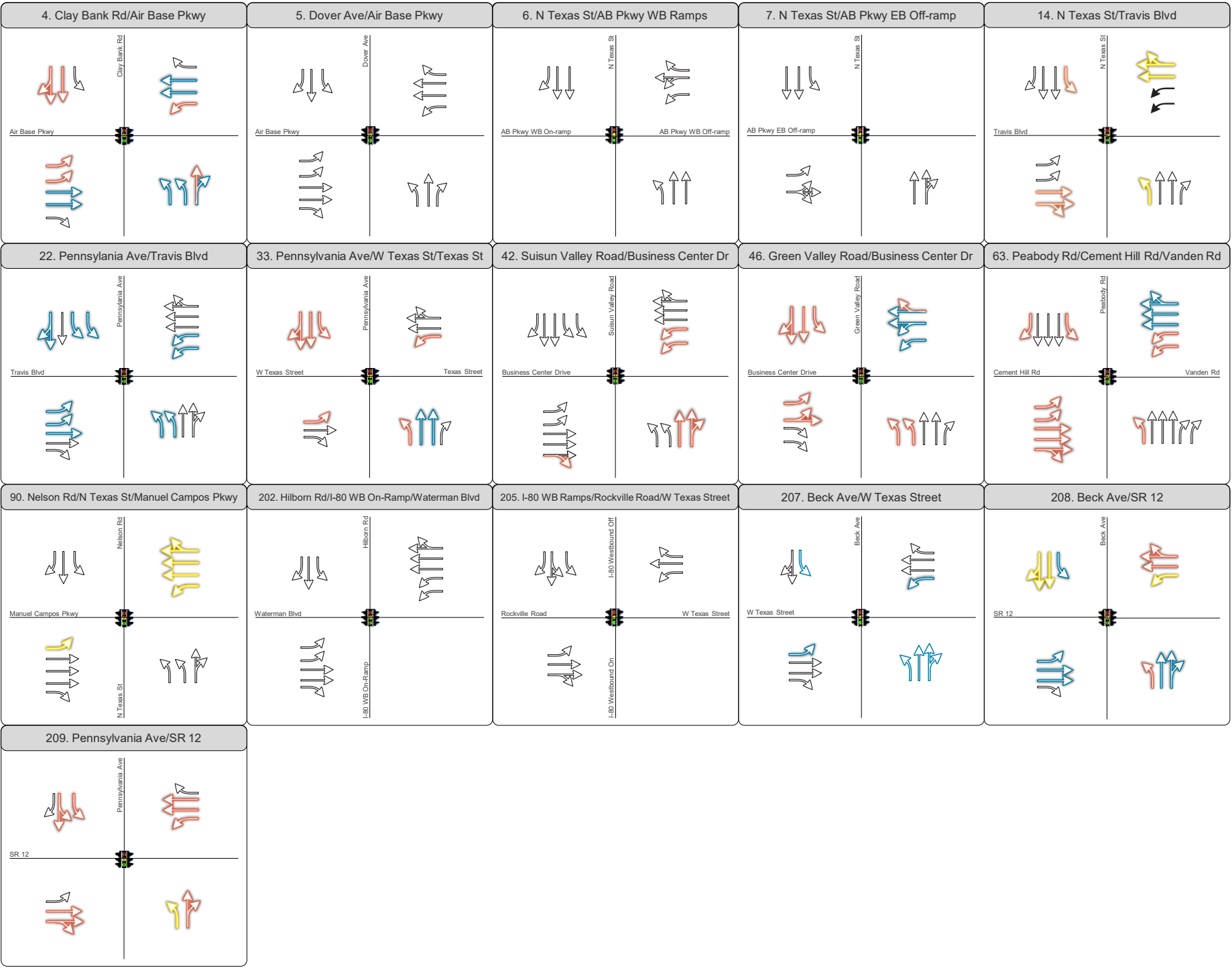


Figure 3

2050 General Plan Intersection Movements Not Meeting LOS Thresholds



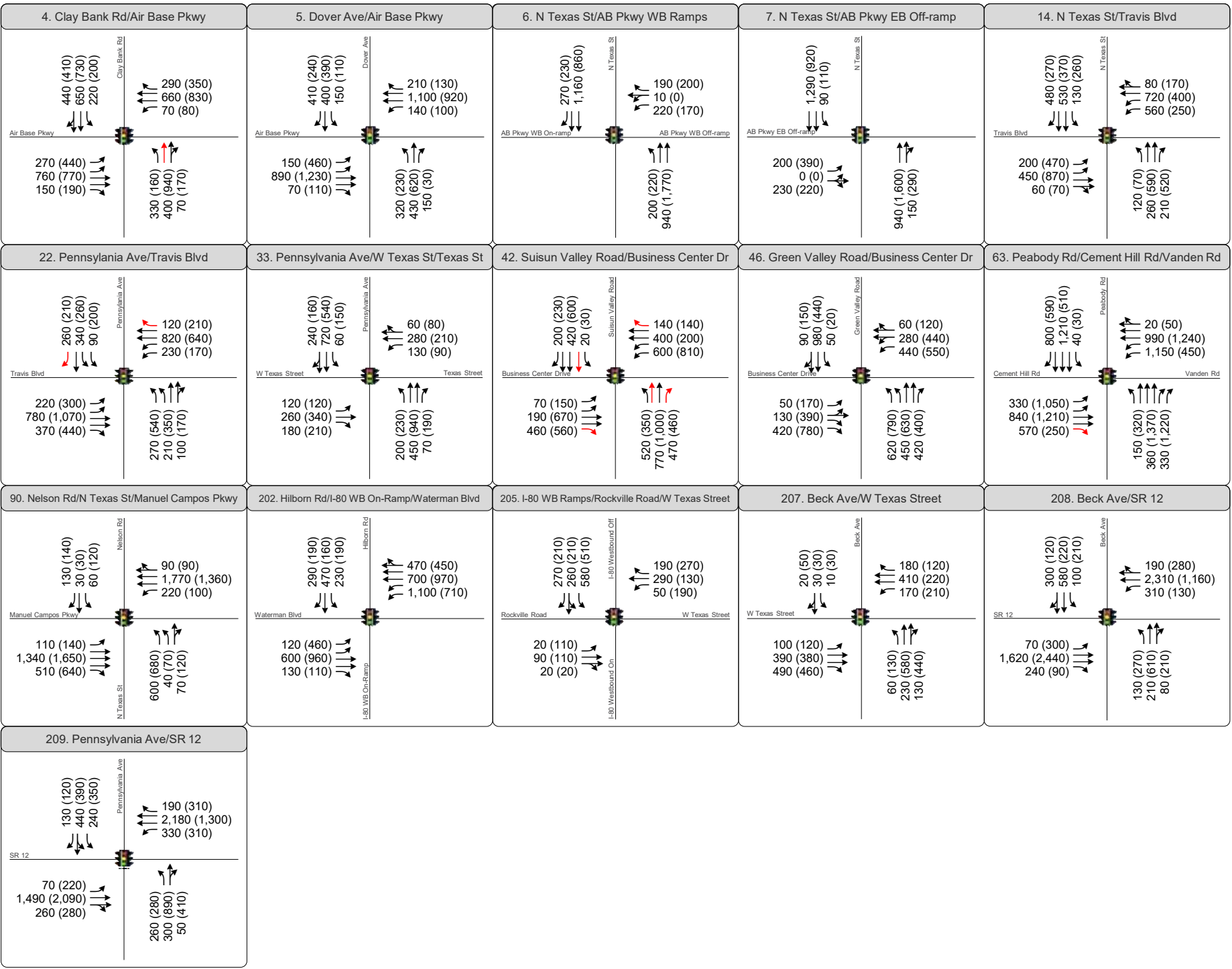
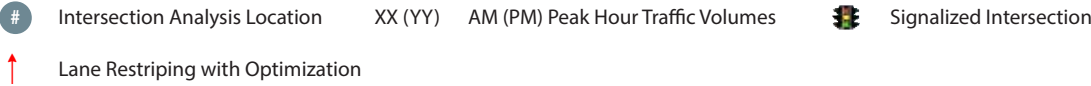
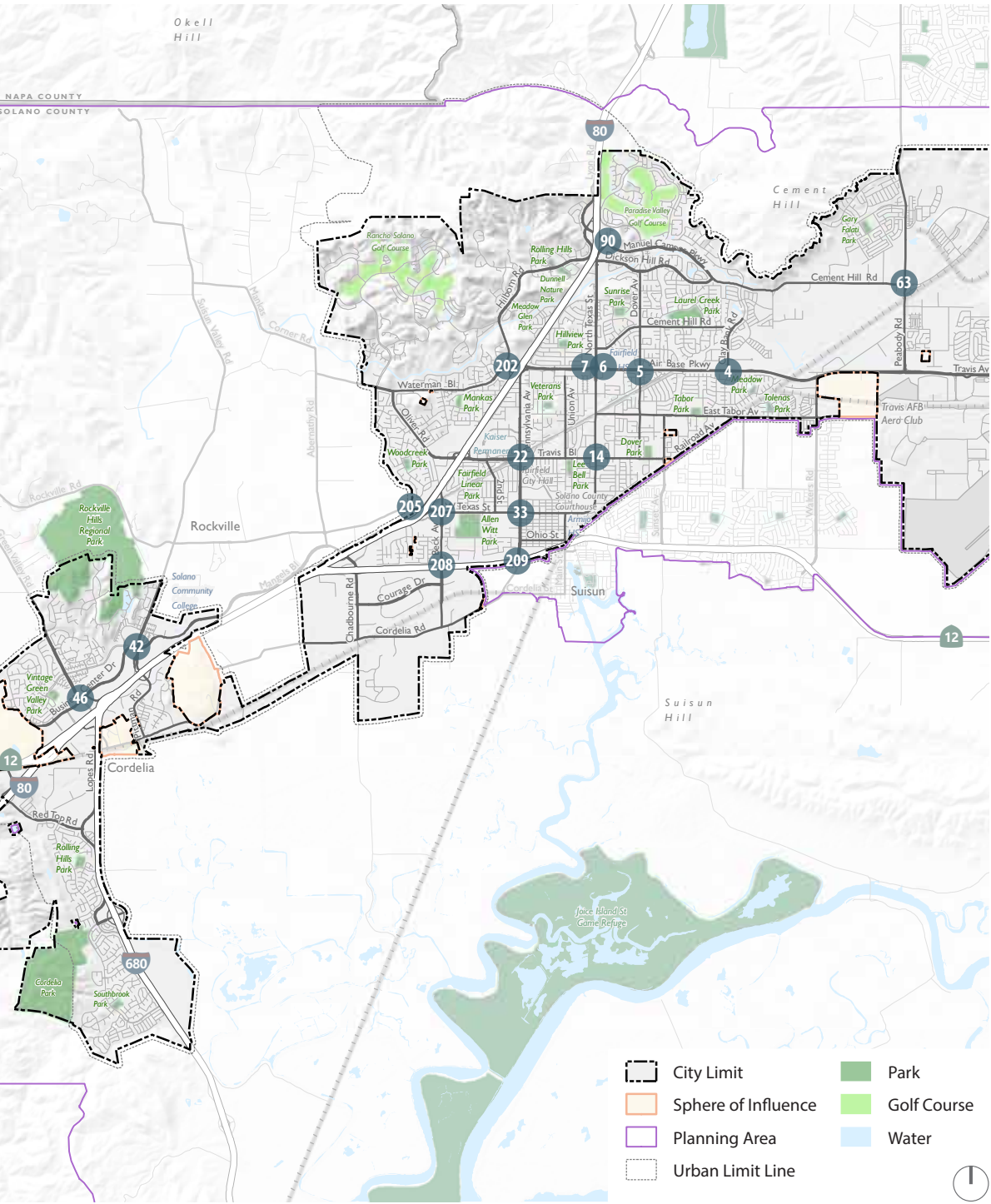


Figure 4

2050 General Plan Traffic Volumes and Assumed Lane Configurations with Optimization



Memorandum

Date: May 10, 2024
To: Rajeev Bhatia and Alison Moore, Dyett & Bhatia
From: Ian Barnes, PE and Ashlee Takushi, RSP₁, Fehr & Peers
Subject: **Fairfield General Plan – VMT Analysis**

WC21-3774

This memorandum describes the vehicle miles traveled (VMT) analysis for the Fairfield General Plan Update and provides, where appropriate, mitigation measures to address those impacts.

Regulatory Setting

The determination of significance of project impacts on VMT is based on applicable policies, regulations, goals, and guidelines defined by the State and the City of Fairfield.

California Senate Bill 743

On September 27, 2013, Governor Jerry Brown signed Senate Bill (SB) 743 into law and started a process that changed the way transportation impact analysis is conducted as part of CEQA compliance. These changes will eliminate automobile delay, LOS, and other similar measures of vehicular capacity or traffic congestion as a basis for determining significant impacts under CEQA.

Existing rules treat automobile delay and congestion as an environmental impact. Instead, SB 743 requires the *CEQA Guidelines* to prescribe an analysis that better accounts for transit and reducing greenhouse gas emissions. In November 2017, Office of Planning and Research (OPR) released the final update to *CEQA Guidelines* consistent with SB 743, which recommend using vehicle miles traveled (VMT) as the most appropriate metric of transportation impact to align local environmental review under CEQA with California's long-term greenhouse gas emissions reduction goals. The *CEQA Guidelines* require all jurisdictions in California to use VMT-based thresholds of significance by July 2020.



City of Fairfield Project VMT Screening Transportation Analysis

On December 22, 2020, the City of Fairfield adopted the *Fairfield Guidelines for Project VMT Screening Transportation Analysis* (VMT Guidelines). The City's thresholds of significance are broken up into four categories. Single family residential units, multifamily residential units, and office uses thresholds of significance represent 85% of the average VMT generation rates as measured over the Fairfield Model planning area and provided in terms of VMT per unit land use. The fourth category, retail, industrial, and other nonresidential uses use the net change in total VMT in the area over which the project is expected to influence, and any net increase may have a significant impact.

Methodology

Section 15064.3 of the CEQA Guidelines notes that vehicle-miles traveled (VMT) is the most appropriate metric for the analysis of impacts in the Transportation section of CEQA analysis. The Governor's OPR provided guidance in its *Technical Advisory on Evaluating Transportation Impacts in CEQA* (December 2018) on performing the analysis of VMT and what thresholds of significance could be applied. The City adopted VMT guidance in 2020, however it was developed on a per project basis, and not for a program. The VMT of the land uses included as part of the General Plan update includes the following approach: the metric is home-based VMT per resident, home-based work "commute" VMT per worker, and total VMT per service population¹; the method used is the City of Fairfield Travel Demand Model (Fairfield Model); the threshold used is 15 percent below regional baseline (nine-County Bay Area); and the impacts were evaluated against a Cumulative (2050) baseline.

The use of a threshold based on the nine-county Bay Area region is consistent with the threshold being based on the Metropolitan Transportation Commission (MTC) metropolitan planning organization (MPO) boundary. Consistency with the MTC boundary promotes consistency with SB 375 greenhouse gas emission targets, which are set at the MPO level. Other potential thresholds for this project, including those set at the Solano County-wide level, may be inconsistent with the substantial evidence developed by OPR and would require additional evidence to demonstrate that the alternative threshold would be sufficient to allow the City of Fairfield to make progress towards State-mandated climate-related goals, policies, and legislation.

VMT measures the amount of driving that a project generates. For example, a project generating 100 total (inbound and outbound) vehicle trips per day with an average of 5.0 miles per trip results in 500 project generated VMT per day. For the purposes of analyzing transportation impacts of residential projects, the VMT generated by the project is converted to an efficiency metric by dividing the amount of VMT generated by the number of residents. Efficiency metrics are used in VMT analysis because the goal of the analysis is to show whether or not a particular

¹ Service population is defined as the sum of all residents and employees



development would generate low enough VMT to aid the State in meeting its climate targets relative to projected growth in population, employment, etc.

The latest version of the Fairfield Model was refined to reflect a Year 2020 base year, prior to the COVID-19 pandemic which substantially affected transportation conditions. Subsequent forecasts of future conditions are based on models and predictions that do not account for the current, and potential on-going effects the pandemic has had on transportation demand.

Based on data from MTC Travel Model One, the value of the nine-county Bay Area (regional) average total home based VMT per resident is 11.78. The CEQA VMT threshold, 15 percent below the regional baseline is 10.01. The regional home based work VMT per employee is 10.94. The CEQA VMT threshold, 15 percent below the regional baseline is 9.30.

Data from MTC Travel Model One is used to set the threshold as Travel Model One provides a more complete understanding of total weekday home-based residential VMT per resident, and home-based work VMT per worker for the entire nine-county Bay Area. The Fairfield Model is used to evaluate the project's effect on VMT as the model provides additional land use and roadway network detail in the City of Fairfield (far beyond that available in the MTC model).

As the City adopted VMT guidance in 2020, the VMT analysis of the proposed project for a net increase in total VMT is summarized for informational purposes. Additionally, single family residential per unit, multifamily residential per unit, and office per 1,000 square feet are summarized for informational purposes using 15 percent below the VMT per unit land use.

VMT Screening

VMT screening is a process related to reviewing the location and operating parameters of land use projects and programs to determine if a project or program does not need to perform a VMT analysis because it is presumed to generate a low amount of VMT. The City's VMT Guidelines includes a list of projects that may be presumed to have a less than significant VMT impact:

1. Small projects that generate fewer than 110 daily trips or local serving retail projects of 50,000 or fewer square feet of space.
2. Projects within a half mile of high-quality transit that include an existing rail transit station or the intersection of at least two bus routes with a frequency of service intervals of at least 15 minutes during the morning and afternoon peak commute periods.
3. Residential and office projects that are located in areas with low VMT.
4. 100 percent affordable unit projects.

Given the programmatic nature of the project, all Preferred Plan sites are incorporated into the analysis, even sites that, individually, might be screened out from further analysis under the small development project-level screening criteria discussed above.



Impact Analysis

CEQA Appendix G Checklist Question – Section XVII Transportation

Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?

Impact TRA-1

The addition of Vehicle Miles Traveled (VMT) from the Preferred Plan for the home-based VMT per resident and home-based work VMT per employee is greater than the CEQA VMT threshold value using the MTC regional threshold value for the respective summaries. However, the total project generated VMT per service population decreases between the 2050 Baseline and 2050 with Preferred Plan scenarios. As the home-based VMT per resident and home-based work VMT per employee conflict with policies seeking to reduce VMT in the City of Fairfield, this impact is **significant**, requiring mitigation.

Vehicle Miles Traveled (VMT)

The growth of the Preferred Plan includes projects that are in the planning and entitlement process; changes proposed as part of the General Plan Update; and additional changes from the City of Fairfield's specific plans. Home based VMT per resident, home based work VMT per employee, and total VMT per service population is presented in **Table 2**. Therefore, Mitigation Measure TRA-1 would be required.

Table 2 and **Table 3** presents the total VMT calculations for information purposes and VMT calculations for residential and office uses, respectively.



Table 1: Preferred Plan CEQA VMT Summary

Scenario	Home-Based VMT per Resident				Home-Based Work VMT per Employee				Total Project Generated VMT per Service Population
	Project Estimate	MTC Regional Threshold	CEQA VMT Threshold Value	Impact	Project Estimate	MTC Regional Threshold	CEQA VMT Threshold Value	Impact	Project Estimate
2050 Baseline	11.34				21.28				31.45
2050 With Preferred Plan	11.29	11.78	10.01	Yes	19.97	10.94	9.30	Yes	26.61

Source: Fehr & Peers, 2024.

The home-based VMT per resident with the implementation of the project would be 11.29, which is greater than the CEQA threshold value of 10.01. The home-based work VMT per employee would be 19.97, which is greater than the CEQA threshold of 9.30, and the total project generation VMT per service population decreases by 4.84 VMT per service population.

Table 2: Total VMT Summary

Scenario	Total VMT
2050 Baseline	5,694,898
2050 With Preferred Plan	5,842,274
Is there a net increase in total VMT?	Yes

Source: Fehr & Peers, 2024.

Under the 2050 Baseline and 2050 With Preferred Plan scenarios, there is a net increase in total VMT.

Table 3: Land Use VMT Per Unit Summary

Land Use (Unit)	VMT/Unit	Threshold Value ¹	Impact
Single Family Residential (SFDU)	70.7	61.6	Yes
Multifamily Residential (MFDU)	50.4	44.0	Yes
Office (1,000 square feet)	73.1	64.8	Yes

1. Threshold value is determined as 15 percent below the average VMT per unit using the Fairfield Model.

Source: Fehr & Peers, April 2024.



Under the 2050 with Preferred Plan scenarios, the VMT for each of the land uses provided is greater than the threshold value. As projects come through the permitting process, a VMT analysis should be completed. Where projects show the VMT per unit greater than the threshold value, mitigation measures should be identified prior to the issuance of building permits.

Mitigation Measure

TRA-1 Implement VMT Reduction Measures

Since the 2050 General Plan land use changes were identified for a variety of uses, this mitigation measure provides a toolkit of VMT reduction measures.

Individual project development proposals that do not screen out from VMT impact analysis shall provide a quantitative VMT analysis using the methods applied in this EIR, with modifications if appropriate, based on future changes to the City of Fairfield practices and VMT analysis methodology guidelines. Projects which result in a significant impact shall include travel demand management measures and physical measures to reduce VMT. Potential strategies are listed below; the first two apply to development projects, and the third applies at a Citywide scale.

1. A project applicant shall modify the project's characteristics to reduce VMT generated by the project prior to issuance of an occupancy permit. This might involve changing the density or mixture of land uses on the project site, or changing the project's location to one that is more accessible by transit or other travel modes.
2. A project applicant shall implement transportation demand management (TDM) or physical design measures to reduce VMT generated by the project prior to issuance of an occupancy permit. A description of trip reduction strategies is included below.
3. The City shall participate in a VMT impact fee program and/or VMT exchange/banking program if Solano Transportation Authority (or other responsible agency) chooses to create one.

The City shall require preparation and implementation of project-level TDM Plans with the following TDM measures (**Table 4**) for future land use development projects facilitated by the 2050 General Plan that do not meet City screening criteria add thresholds.



Table 4: VMT Reduction Mitigation Measures

CAPCOA Handbook Measure	Types of Projects	Key Considerations
T-7: Commute Trip Reduction Marketing	Employment-based	<ul style="list-style-type: none"> *Thoughtful marketing strategy *Readily available commute information *Designated TDM Coordinator *Guaranteed Ride Home
T-8: Provide Ridesharing Program	Employment-based	<ul style="list-style-type: none"> *Preferential parking policies for carpools *Promotions and incentives such as gas cards at carpool formation
T-9: Implement Subsidized or Discounted Transit Program	Residential, School, Employment-based	<ul style="list-style-type: none"> *Location within one-half mile of major transit stop or high-quality transit corridor *Participation in Commuter Benefits Program *Easy to sign up for incentives
T-11: Provide Employer Sponsored Vanpool / Point-to-Point Shuttles	Employment-based	<ul style="list-style-type: none"> *Coordinate logistics of vanpool program *Cover vanpool fares for riders through commute benefits program *Promote and facilitate vanpool creation
T-12: Price Workplace Parking	Employment-based	<ul style="list-style-type: none"> *Location within one-half mile of transit service *Priced parking per day
T-13: Implement Employee Parking Cashout	Employment-based	<ul style="list-style-type: none"> *Parking is provided as a benefit *Participants pledge to not drive to work
T-16: Unbundle Residential Parking Costs	Residential	<ul style="list-style-type: none"> *Parking is provided as a benefit
T-23: Community-Based Travel Planning	Residential, Retail, School	<ul style="list-style-type: none"> *Proactive outreach to all households in service area or project *Program Coordinator designated as lead in promoting non-auto transportation
T-10: Provide End-of-Trip Bicycle Facilities	All Projects	<ul style="list-style-type: none"> *Provision of secure bicycle parking in the form of lockers, a locked storage room, or an attended storage facility *(For non-residential): Provision of lockers, showers, and changing rooms
T-21A: Implement Carshare Program / Provide Carshare Parking	All Projects	<ul style="list-style-type: none"> *Dedicate parking for carshare vehicles *Identify carshare partner
T-15: Reduce Parking Supply	Residential	<ul style="list-style-type: none"> *Parking demand studies should be conducted to identify if there is underutilization
T-18: Provide Pedestrian Network Improvements:	All Projects	<ul style="list-style-type: none"> *Completion of one or more projects identified in the STA Active Transportation Plan for the City of Fairfield
T-19-A and T-19-B: Construct or Improve Bicycle Facility/Bicycle Boulevard	All Projects	
T-20: Expand Bikeway Network	All Projects	



CAPCOA Handbook Measure	Types of Projects	Key Considerations
T-26: Increase Transit Frequency	All Projects near high quality transit	*Increase the frequency of transit service by providing funding for more operators and vehicles
T-25: Increase Transit Coverage	All Projects	*Expand transit service to areas without access to it or expand to later/earlier hours.
T-23: Community-Based Travel Planning	Residential, Retail, School	*Program Coordinator designated as lead in promoting non-auto transportation
T-22: Bikeshare/Scootershare	All Projects	*Fund and implement a program providing e-bikes or scooters available on demand. Ideally pursue a "dockless" system.
Free E-Bike Program	All Projects	*Provide e-bikes free of charge to households pledging to reduce vehicle trips

Source: *Handbook for Analyzing Greenhouse Gas Emissions Reductions, Assessing Climate Change Vulnerabilities, and Advancing Health and Equity* (CAPCOA, December 2021).

The TDM strategies depend heavily on context and area surrounding the Preferred Plan sites. Ultimately, because the effectiveness of the above measures in reducing the VMT impacts of new development under the General Plan Update to a less than significant level cannot be determined in this analysis, this impact remains **significant and unavoidable**.

Appendix I: Infrastructure Analysis Memorandum



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TECHNICAL MEMORANDUM

DATE: July 24, 2024

Project No.: 295-60-20-09.005

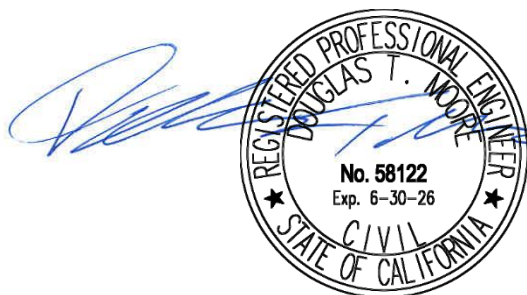
SENT VIA: EMAIL

TO: Alison Moore, Dyett & Bhatia

FROM: Melissa Duffy, PE, RCE #87217

REVIEWED BY: Doug Moore, PE, RCE #58122

SUBJECT: City of Fairfield General Plan Update
Preferred Land Use Plan Evaluation



This technical memorandum (TM) presents the results of infrastructure evaluations that were conducted to support the City of Fairfield's (City) General Plan Update (GPU) preferred land use plan. The preferred land use plan used for this evaluation was received from Dyett and Bhatia (D&B) in March 2024¹. This TM includes infrastructure evaluations for three utilities and identifies potential impacts and mitigation measures. Each utility is summarized in a separate section of the TM, as outlined below:

- Potable Water Supply and Water Distribution
- Wastewater Collection and Treatment
- Stormwater and Flood Control
- Summary and Recommended Mitigation Measures

The infrastructure evaluations presented in this TM are preliminary, high-level evaluations. New utility master plans or updates of the existing utility master plans based on the preferred land use plan are essential to identify the final correctly sized required infrastructure and accurately determine the infrastructure costs that will be needed to support the preferred land use plan.

Prior to this infrastructure evaluation, West Yost conducted an evaluation of three different land use alternatives that the City was considering. The results of that evaluation were summarized in a TM in 2021² (referred to herein as the Land Use Alternatives TM) with costs in September 2021 dollars. All costs in this TM are presented in April 2024 dollars.

¹ A GIS mapping file (PreferredPlan_031124.shp) of the preferred land use plan parcels was included, as well as a tabular summary of the land use data (PreferredPlan_031124.xlsx).

² West Yost, 2021. *Technical Memorandum City of Fairfield General Plan Update Land Use Alternatives Evaluation*.

POTABLE WATER SUPPLY AND WATER DISTRIBUTION

Figure 1 shows the existing potable water supply and distribution system with the preferred land use plan. To understand the City's existing system and evaluate the preferred land use plan, West Yost used the most recent available data. At the time of this TM, the City's 2024 Public Utility Master Plan (2024 PUMP)³, is still in progress, with an expected completion date of summer 2024. Information about the City's existing potable water supply and distribution system was derived from the draft 2024 PUMP Report. In addition, the 2024 PUMP was used to further refine the method used to estimate existing and future water demands, and it was also used as a reference when determining the evaluation criteria to assess the preferred land use plan.

Existing System Overview

The City's current raw water supply is exclusively from surface water that is treated and distributed to meet the demands of the City's water customers. The City's raw water supply is derived from three sources: (1) Solano Project, (2) State Water Project (SWP), and (3) Settlement Water obtained through negotiations with the California Department of Water Resources (DWR) in 2003.

In total, the City has an annual water supply of approximately 53,696 acre-feet per year (AFY) (approximately 17,500 million gallons per year, MG/yr). However, because the full supply is not always available, the typical water supply is 47,837 AFY (approximately 15,587 MG/yr), according to the 2024 PUMP. On an average daily basis, this supply is approximately 43 million gallons per day (mgd).

The contracts for the water are administered by the Solano County Water Agency (SCWA), who acts as the wholesaler of raw water for the Solano Project and SWP. The raw water from these sources is treated at the Waterman Water Treatment Plant (Waterman WTP) and the North Bay Regional Water Treatment Plant (NBR WTP). The NBR WTP has the ability to treat both supply sources, but the Waterman WTP can only treat Solano Project water. Though settlement water is not legally SWP water, it comes from the SWP facilities and is treated at the NBR WTP. The combined nominal treatment capacity of the WTPs is 56.7 mgd. Waterman WTP has a nominal capacity of 30 mgd, and NBR WTP has a nominal capacity of 40 mgd, of which the City is entitled to 26.7 mgd.

The City's potable water distribution system consists of approximately 392 miles of City-owned and maintained transmission mains and distribution piping located primarily in the streets throughout the City, which conveys treated water to approximately 37,000 (as of 2022) water service connections located in five primary pressure zones that are named numerically (Zones 1, 2, 3, 4, and 5). The zones are created to supply water to meet the required pressure range. Each pressure zone generally reflects an approximately 100-foot interval of service elevations. The City operates 17 pump stations and 12 storage reservoirs, with a total storage capacity of 78.5 MG.

Evaluation of the Preferred Land Use Plan

Unit water use factors are summarized in Table 1 and were applied to the existing and proposed land use areas to estimate the average day water demand. Table 2 presents a summary of the average day water demands by Change Area (CA), including existing water demands, proposed water demands, and the change in water demands (i.e., the net increase in water demand for each CA, when existing demands are

³ West Yost, 2024. *Public Utility Master Plan Prepared for City of Fairfield*. Draft Report as of April 2024.

accounted for). Attachment A summarizes the water demands for existing conditions and for the preferred land use plan.

It should be noted that the potable water demand projections in the 2024 PUMP were developed prior to the City selecting the preferred land use plan. To be conservative in infrastructure planning, the 2024 PUMP considers a more intensive future land use plan that results in higher projected future water demands when compared to those shown in Table 2. For example, it's anticipated that one of the City's largest existing customers, Anheuser-Busch, may require additional water supply equivalent to its full contract amount of 3.1 mgd by 2030 (i.e., an additional 2.3 mgd). Because the future water demand projected in the 2024 PUMP is greater than the projected water demand from the preferred land use plan, the recommendations and infrastructure improvements presented in the 2024 PUMP should be capable of serving the new projects included in the preferred land use plan as evaluated in this TM.

- **Water Supply:** For all the CAs combined, the net buildout daily water demand is 1.4 mgd. Annually, this demand is 523 MG/yr. The current water demand in the City is 19.6 mgd or 7,163 MG/yr, which is based on 2020 production data. Thus, the estimated buildout water demand is 7,686 MG/yr. As discussed above, the City has an annual water supply of approximately 17,500 MG/yr. However, because the full supply is not always available, the typical water supply is approximately 15,587 MG/yr. Thus, the City has an adequate, reliable water supply for the preferred land use plan.
- **Water Treatment Plants:** To evaluate the water treatment plants, the available water treatment plant capacity is compared to the required water treatment plant capacity, as presented below:
 - **Available Water Treatment Capacity:** The Waterman WTP has a rated capacity of 30 mgd and NBR WTP has a rated capacity of 40 mgd. Although both the City's WTPs currently operate at a capacity that is less than their rated capacity, it's assumed that by the time the development projects associated with the preferred land use plan are implemented, the WTPs will have been rehabilitated back to their rated capacities. In addition, consistent with the 2024 PUMP, firm capacity at the City's largest WTP (NBR WTP) is assumed to be 90 percent of total capacity to account for routine maintenance. From there, the capacity allocated to Vacaville (13.3 mgd) is removed, resulting in an available supply capacity for the NBR WTP of 22.7 mgd for Fairfield. The combined treatment capacity of the WTPs is 52.7 mgd for Fairfield.
 - **Required Water Treatment Capacity:** For the City, the required water treatment plant capacity is equal to the system-wide maximum day demand. As previously stated, the existing water demand in the City is 19.6 mgd. As presented in the 2024 PUMP, when this value is scaled to maximum day demand it becomes 37.6 mgd. The incremental (net) increase in demand for the preferred land use plan is 1.4 mgd, as presented in Table 2. When this is scaled to maximum day demand, it is equal to 3.8 mgd⁴. Therefore, in the future, the total maximum day demand that would need to be served by the City's WTPs is 41.4 mgd.

⁴ This assumes CA-2 and CA-3 would be served by Red Top (Zone 2) and therefore, the maximum day demand peaking factor is 4 times average day demand. All other CAs would be served by Zone 1 and therefore, the maximum day demand peaking factor is 1.9 times average day demand. Although CA-6 would eventually be its own pressure zone as further explained below, it's currently assumed to have a peaking factor consistent with Zone 1.

- **Treatment Capacity Results:** As presented above, the available firm treatment capacity for the City is 52.7 mgd. The treatment capacity that is needed to meet future system-wide maximum day demand for City is 41.4 mgd. Since the available treatment capacity is greater than the capacity needed, no improvements are needed to meet the additional demands associated with the preferred land use plan. However, as described above, the preferred land use plan does not include all the City's anticipated future water demands. The City's 2024 PUMP is based on a more conservative land use projection and includes all anticipated future demands, which results in a future (2050) system-wide maximum day demand of 54.7 mgd, producing a 2 mgd treatment capacity deficit. As described in the 2024 PUMP, it's anticipated that the treatment capacity deficit would be mitigated through expansion of the City's NBR WTP. The City of Vacaville is also supplied treated water from the NBR WTP and has expressed interest in contributing to additional treatment capacity expansion of the NBR WTP. For information on the proposed NBR WTP expansion alternatives, refer to the City's 2024 PUMP.
- **Transmission Pipelines:** Because this is a high-level evaluation (i.e., no hydraulic modeling included), the criteria used to evaluate pipelines in the 2024 PUMP were not utilized to evaluate new transmission pipelines. Instead, the criteria from the Land Use Alternatives TM were utilized. Two of the CAs (CA-3 and CA-6) do not have transmission pipelines located within them. Thus, transmission pipelines will need to be extended into these areas. The estimated total length of transmission mains needed is about 13,000 feet with a typical diameter of 16-inches. At a cost of \$675 per foot, the estimated cost of these transmission pipelines is \$8.78 million.
- **Booster Pump Stations:** Most of the CAs have elevation ranges that fall within the typical service elevation range of the City's largest pressure zone (Zone 1) and could likely be served by existing transmission pipelines in that zone. However, three CAs (CA-2, CA-3, and CA-6) fall outside of that range and should be served by higher pressure zones, as explained below.
 - **Red Top (Zone 2) Pump Station Expansion:** CA-2 and CA-3 are located adjacent to Red Top (Zone 2) and their elevations fall within the typical service elevation range of Red Top (Zone 2). The City is currently replacing the existing Red Top Pump Station, which will increase its firm capacity and upsize the suction pipeline. This will help address most of the projected future water demand needs of Red Top (Zone 2). However, if all future development estimated to occur within the Red Top (Zone 2) area proceeds as shown in the preferred land use plan, the pump station may need to be further evaluated and expanded in the future.
 - **New CA-6 Pump Station:** CA-6 contains elevations that are high enough that a new booster pump station may be required to maintain a minimum pressure of 45 pounds per square inch (psi) at customer locations. Based on the demands and fire flow requirement within CA-6, the capacity of the pump station is estimated to be approximately 0.6 mgd. The estimated cost of the booster pump station is approximately \$1.75 million.
- **Water Storage Reservoirs (Water Tanks):** The City currently uses storage tanks to support customers in many of its upper pressure zones. CA-6 requires a booster pump station to serve it and will be hydraulically separated from Zone 1. Therefore, it's anticipated that a new storage tank would be required to support customers in that area. Based on the demands and fire flow requirement within CA-6, the storage volume needed is estimated to be approximately 1.9 MG. The estimated cost of the storage reservoir is approximately \$5.23 million.

The estimated total cost of the potable water infrastructure is approximately \$15.76 million. To be consistent with the City's 2024 PUMP, total contingencies (soft costs) were assumed to be 75.5-percent mark-up. When this is applied to the total cost, it increases to \$27.66 million. The water infrastructure evaluations and associated costs are preliminary and based on the data available for the future land use areas. The water infrastructure evaluation should be refined and verified at a later time (when the development occurs).

WASTEWATER COLLECTION AND TREATMENT

Figure 2 shows the existing sewer system and WWTP location with the preferred land use plan. Information about the wastewater collection system that serves the City was taken primarily from the (FSSD) Wastewater Collection System Master Plan Update (WCSMPU), completed in February 2020 by Woodard & Curran. The WCSMPU provides an update of the FSSD collection system master plan to reflect the most accurate information on projected growth, wastewater flows, and collection system performance. The analysis included development of a new hydraulic model of the trunk sewer system.

Existing System Overview

The FSSD and the Cities of Fairfield and Suisun City jointly operate and maintain the wastewater collection system that serves both cities. Wastewater is collected in City and FSSD owned sewers and is pumped through four major pump stations to the FSSD Wastewater Treatment Plant (WWTP).

Wastewater is collected and conveyed to the WWTP, which is located in the City of Fairfield on Chadborne Road south of Cordelia Road. WWTP inflow data was received from FSSD, and over the summers of 2018, 2019 and 2020 (dry weather periods), the Average Dry Weather Flows (ADWFs) were about 12.5 mgd. In 2010, improvements were completed to increase the plant's capacity from 17.5 to 23.7 mgd ADWF. Thus, there is excess capacity of approximately 8.7 mgd ADWF.

Although the capacity of the WWTP is rated based on the ADWF, the FSSD WWTP was also designed to treat the Peak Wet Weather Flow (PWWF) from a 20-year storm event (a very large storm that would occur on average about once every 20 years). For current, existing conditions the PWWF is 66.3 mgd and future conditions is 71.2/82.6 mgd (the first value based on flow in the existing system without correction of deficiencies that may limit flows conveyed downstream; the second value assumes that upstream trunk sewer and pump station capacity deficiencies are relieved).

Figure 3 shows the existing wastewater collection system along with capacity deficiencies, capital improvement projects (CIPs) identified by the WCSMPU, and CA boundaries. The capacity improvements were sized for buildout flows of the areas shown in the Future Development Locations Maps (Figure 2-2 and 2-3 of the WCSMPU). These maps show areas of proposed development, but do not show the land uses in the proposed development. The proposed future development results in an increase of the ADWF of 5.4 mgd, from 10.4 to 15.8 mgd (from Fairfield and Suisun). Travis Air Force Base and In-Bev were included in the flow estimates but were not projected to increase at buildout.

The WCSMPU identified several trunk sewers within the City having capacity issues under existing PWWF conditions. Specifically, along West Texas and Empire streets from 5th Street north of West Texas Street to Empire Street at 1st Street, and Texas Street at Taft Street to Clay Street south of Texas Street. In addition, the Lopes Road Lift Station and Cordelia Pump Station were identified to have capacity deficiencies under existing conditions. Capacity deficiencies were identified under future PWWF conditions along Peabody Road north of Huntington Drive at Stanford Court and Huntington Drive at Stanford Court to Walters Road north of East Tabor Avenue.

Evaluation of the Preferred Land Use Plan

Average dry weather flow factors and peak wet weather flow factors are summarized in Table 1 and were used with the existing and proposed land use areas to estimate the wastewater flows. Table 2 presents the summary of the wastewater flows by CA. Attachment B summarizes the existing and proposed conditions wastewater flows for the preferred land use plan.

- **Wastewater Treatment Plant:** The preferred land use plan results in an increase of ADWF of 2.7 mgd from all of the CAs combined (Table 2). The flow to the WWTP would increase from about 12.5 mgd to 15.2 mgd from the development associated with the preferred land use plan. The capacity of the WWTP is 23.7 mgd ADWF. Thus, there would be a remaining capacity of about 8.5 mgd for the wastewater flow increases from the other tributary agencies (Suisun City, Travis AFB, other unincorporated areas). The preferred land use plan does not result in the need to expand the WWTP.
- **Unaccounted for Tributary CAs:** CA-2, CA-4, CA-7, and CA-14 are not included in the WCSMPU growth areas nor have sewer improvements been identified for these areas. Therefore, future development in these areas may require improvements beyond what is identified in the WCSMPU. Based on the PWWF rates shown in Table 2, new 10-inch and 18-inch sewers flowing through areas with existing gravity sewers to the WWTP would be needed. The total length of new sewer would be about 4.8 miles. At a cost of \$233 per foot for 10-inch diameter pipe and \$412 per foot for 18-inch diameter pipe, the total estimated cost would be about \$7.28 million.
- **Low Elevation CAs:** Because the new sewers serving CA-2, CA-4, CA-7, and CA-14 would progress downslope to the WWTP, it is probable that no sewer pump station would be needed.

Assuming a 75.5-percent mark-up for contingencies, the estimated total cost of new sewer pipelines is \$12.78 million. Because the preferred land use plan includes land uses not known when the WCSMPU was prepared and because CA-2, CA-4, CA-7, and CA-14 were not included in the WCSMPU, the WCSMPU would need to be updated to account for these changes at a cost of about \$300,000 to verify the sewer evaluation presented above.

STORMWATER AND FLOOD CONTROL

Figure 4 shows the existing storm drain system with the preferred land use plan. Information about the storm drain system and flood areas were taken primarily from the Federal Emergency Management Agency (FEMA) Flood Insurance Study (FIS) for Solano County California and Incorporated Areas, the Fairfield Suisun Sewer District Urban Management Program – Stormwater C.3 Guidebook, and the City of Fairfield Standard Specifications and Details.

Existing System Overview

Storm runoff in the City travels through storm drains, constructed channels, and creeks to the Suisun Marsh. Streets, alleys, and low-lying areas in the downtown and Cordelia areas are subject to flooding during large storm events, especially during high tides in the Suisun Marsh. Flooding has been reduced in the City with the construction of various flood control projects, including the Fairfield Vicinity Streams Project and the Green Valley Flood Control Project.

Individual development projects are required to address drainage and flood control issues within the City through stormwater treatment measure maintenance agreements, low-impact development standards,

and post-construction stormwater requirements. New developments creating more than one acre of impervious area are required to build stormwater detention basins to store stormwater runoff from the project site and control the discharge, eliminating the flooding-impact from the project development. The City requires that peak discharge from the detention basin does not exceed 90-percent of the peak flow from the 100-year, 24-hour storm event. Discharge from developments cannot exceed the capacity of any portion of the existing downstream system. Storm drain design calculations within a development and runoff generated by upstream areas within the contributing watershed must be submitted to the City Engineer for approval.

The City has a Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Permit with the California Regional Water Quality Control Board. As part of the NPDES permit, the City must ensure that all new development incorporates stormwater quality measures during and post-construction. Erosion control and stormwater quality measures must be designed in accordance with the most recent NPDES permit in effect at the time the project is deemed complete.

Section 4.2 of the City Standards uses the Rational Method with the 15-year design storm to calculate design runoff for areas smaller than 640 acres. The design runoff is the product of the coefficient of runoff (C-Value), rainfall intensity for the design storm, and drainage area. The C-Value is based on the land use type, as summarized in Table 1. A rainfall intensity of 1.57 inches per hour for a duration of 20 minutes (from Table 2 of the City's Standards) was used to calculate the peak runoff under existing and proposed conditions, along with the C-Value for the 15-year storm event. A rainfall depth of 5.57 inches for the 100-year, 24-hour storm and a mean annual precipitation of 21 inches (from the SCWA Hydrology Manual) was used to calculate the runoff volume under existing and proposed conditions, along with the C-Value for the 100-year storm event.

Ledgewood Creek upstream of I-80 has overflowed its banks and flooded Abernathy Road, Rockville Road, and I-80. The resulting 100-year FEMA floodplain is shown on Figure 4. In the 500-year storm event, additional flooding extends farther west to Dan Wilson Creek. Elimination of the 100-year flooding has been evaluated in past studies by the US Army Corps of Engineers and by the SCWA. Any developments that occur in the floodplain would need to be protected from flooding in compliance with local, state, and federal regulations.

Evaluation of the Preferred Land Use Plan

Table 2 presents the summary of the storm drain runoff and runoff volume by CA. Attachment C summarizes the existing and proposed conditions stormwater runoff and runoff volume.

- **Trunk Storm Drains:** Trunk storm drains are required for CAs that are primarily new development (for CAs that are primarily redevelopment, no new trunk storm drains are required). CA-2, CA-3, CA-5, CA-6, CA-7, and CA-14 are not currently served by the City's storm drain system. The estimated total length of trunk storm drains needed is approximately 24,100 feet with a typical diameter of 60 inches. At a cost of \$1,163 per foot, the estimated cost of these trunk storm drains is \$28.05 million.
- **Detention Basins:** Detention basins will be needed for the new development in all the CAs except CA-11. The increase in stormwater runoff is 154 acre-feet (ac-ft). The estimated detention basin cost is \$10.83 million.
- **Ledgewood Creek Overflow Flooding:** CA-8 is located in the 100-year Ledgewood Creek floodplain and will result in the need to comply with current flood protection regulations. It is assumed that the cost associated with doing so would be handled at the development project level.

The estimated total cost of the stormwater and flood control infrastructure is approximately \$38.87. Assuming a 75.5-percent mark-up for contingencies, this total increases to \$68.22. In addition, all the CAs will require stormwater quality and low impact development facilities, which are not included in this cost evaluation.

The stormwater and flood control infrastructure evaluations and associated costs are preliminary. These infrastructure evaluations should be refined and verified by preparing a storm drain master plan that evaluates the preferred land use plan.

SUMMARY AND RECOMMENDED MITIGATION MEASURES

The potential impacts associated with the preferred land use plan are summarized below.

Potable Water Supply and Water Distribution

As explained above, if the preferred land use plan is implemented, the following impacts and mitigation measures to other facilities are anticipated:

- Approximately 13,000 feet of new transmission pipeline would be needed to extend the existing water distribution network into the CAs.
- The Red Top (Zone 2) pump station may need to be further evaluated and expanded in the future to meet new development demands that are located adjacent to it.
- Given its high elevation, CA-6 would likely need to become a new pressure zone to maintain adequate pressures within it, requiring a new booster pump station and a new storage reservoir to support the water demands.
- It's anticipated an expansion will need to occur at the City's NBR WTP to address a future treatment capacity deficit identified in the City's 2024 PUMP.

Wastewater Collection and Treatment

The estimated ADWF for the preferred plan is not expected to result in new or expanded wastewater treatment facilities. It is not expected to affect water quality or waste discharge requirements. Mitigation measures include updating the WCSMPU with the preferred land use plan. CA-2, CA-4, CA-7, and CA-14 were not included in the WCSMPU growth areas and will require approximately 4.8 miles of new sewers and possibly upsizing of existing sewers.

Stormwater and Flood Control

Increased development can result in an increase in impervious coverage, which reduces infiltration and results in increased runoff rates and runoff volumes. Storm drainage improvement projects required with new land development will eliminate the potential impacts associated with development by requiring stormwater detention and low-impact development measures. Mitigation measures would include the addition of approximately 24,100 feet of trunk storm drains, 154 acre-feet of detention, and the development of a new storm drain master plan based on the preferred land use plan. In addition, CA-8 is in the 100-year Ledgeewood Creek FEMA Floodplain. Therefore, local, state, and federal regulations would require the new development or redevelopment to be protected from the flooding. Compliance could be achieved by raising the building pads or finished floors to be at least one foot above the floodplain water surface elevation, constructing a levee or floodwall and a pump station to protect the area between Highway 12 and Cordelia Road and west of Ledgeewood Creek, or other flood control approaches.

Table 1. Potable Water Demand Factors, Wastewater Flow Factors, and Stormwater Runoff C-Values						
Existing Conditions and Buildout Conditions Land Use Types	Average Residential Density ^(a) , DU/acre	Potable Water Demand Factor ^(b,d) , gpd/acre	Wastewater Average Dry Weather Flow Factor ^(c,d) , gpd/acre	Wastewater Peak Wet Weather Flow Factor ^(c,d) , gpd/acre	15-Year Stormwater Runoff C-Value ^(c)	100-Year Stormwater Runoff C-Value ^(c)
Agriculture		100	0	0	0.45	0.56
Agriculture/Conservation		100	0	0	0.45	0.56
Church/Religious Facility		1,730	1,500	5,500	0.45	0.56
Commercial		1,890	1,500	5,500	0.85	1.00
Hospital		3,651	5,040	24,520	0.85	1.00
Hotel, Motel, Lodging Commercial		3,651	5,040	24,520	0.85	1.00
Industrial Heavy		1,280	2,000	5,000	0.85	1.00
Industrial Light		1,280	2,000	5,000	0.85	1.00
Mobile Home Park		2,980	3,150	10,450	0.55	0.69
Multi-family Residential		3,651	5,040	24,520	0.65	0.81
Office		1,890	1,500	5,500	0.85	1.00
Open Space		680	0	0	0.47	0.59
Park		680	500	2,500	0.45	0.56
Public		1,730	1,500	5,500	0.85	1.00
Railroads/Railroad ROW		0	0	0	0.95	1.00
Residential Care/Assisted Living Facility		3,651	5,040	24,520	0.65	0.81
Road Right of Way		0	0	0	0.95	1.00
Rural Residential		1,801	1,400	5,200	0.55	0.69
School		1,730	2,000	5,000	0.45	0.56
Service Stations		1,890	1,500	5,500	0.85	1.00
Single Family Residential		1,801	1,400	5,200	0.55	0.69
Travis Air Force Base		1,280	2,000	5,000	0.85	1.00
Utilities		1,280	2,000	5,000	0.85	1.00
Vacant		0	0	0	0.47	0.59
Buildout						
Low Density Residential	4	1,801	1,400	5,200	0.55	0.69
Low Medium Density Residential	6	2,726	1,995	10,450	0.59	0.73
Medium Density Residential	10	3,651	3,150	10,450	0.63	0.78
High Density Residential	18	3,651	5,040	24,520	0.70	0.88
Very High Density Residential	28	3,651	7,840	24,520	0.78	0.97
Highway and Regional Commercial		1,890	1,500	5,500	0.85	1.00
Industrial		1,280	2,000	5,000	0.85	1.00
General Industrial		1,280	2,000	5,000	0.85	1.00
Industrial Limited		1,280	2,000	5,000	0.85	1.00
Hale Ranch Study Area ^(e)		1,280	2,000	5,000	0.85	1.00
R&D/OF		1,280	1,750	5,250	0.85	1.00
Mixed Use ^(f)	28	1,300	3,270	15,010	0.85	1.00
Business Mixed Use		1,300	3,270	15,010	0.85	1.00
Business Mixed Use with Conditional Housing		1,300	3,270	15,010	0.85	1.00
Enhanced Use Lease Area		1,300	3,270	15,010	0.85	1.00
AGRIHOOD	3	1,890	1,500	5,500	0.85	1.00
Med/R&D		1,890	1,500	5,500	0.85	1.00
R/OS		680	500	2,500	0.47	0.59
Park / Open Space		680	500	2,500	0.47	0.59
Public Facilities		1,730	2,000	5,000	0.45	0.56
School		1,730	2,000	5,000	0.45	0.56
(a) From Buildout Data provided by D&B. (b) Based on the Draft 2024 Public Utility Master Plan (2024 PUMP) and the 2020 Urban Water Management Plan (2020 UWMP). (c) Based on the 2021 City of Fairfield Design Standards. (d) In some cases, the wastewater flow factor is greater than the water flow factor. These flow factors are obtained from different sources and are independent of one another. (e) It was assumed that the land use type for the Hale Ranch Study Area would be manufacturing, based on information available at the time of this TM. Therefore, the factors for water, sewer, and storm were assigned by assuming an industrial land use type. (f) For the mixed use category, the following applies: (1) the potable water demand factor comes from the Draft 2024 PUMP; (2) the wastewater flow factors are assumed to be 50 percent high density residential and 50 percent commercial; and (3) the stormwater runoff factors are assumed to be equivalent to the commercial factors. gpd = gallons per day						

Table 2. Summary of Potable Water, Wastewater and Stormwater Flows															
Change Area	Existing Water Demand, gpd	Proposed Water Demand, gpd	Change in Average Day Potable Water Demand ^(a) , gpd	Existing Wastewater ADWF, gpd	Proposed Wastewater ADWF, gpd	Change in Wastewater ADWF ^(a) , gpd	Existing Wastewater PWWF, gpd	Proposed Wastewater PWWF, gpd	Change in Wastewater PWWF ^(a) , gpd	Existing Peak Stormwater Runoff, cfs	Proposed Peak Stormwater Runoff, cfs	Change in Peak Stormwater Runoff ^(a) , cfs	Existing Stormwater Runoff Volume, ac-ft	Proposed Stormwater Runoff Volume, ac-ft	Change in Stormwater Runoff Volume ^(a) , ac-ft
CA-1	0	54,469	54,469	0	137,010	137,010	0	628,903	628,903	31	56	25	11	19	8
CA-2	101,660	283,474	181,814	73,416	227,326	153,910	272,559	827,832	555,273	118	184	65	47	66	18
CA-3	0	303,104	303,104	3,439	260,589	257,150	12,687	1,272,774	1,260,087	166	187	21	68	71	3
CA-4	209,116	275,100	65,985	209,654	649,388	439,733	909,349	2,955,812	2,046,463	188	250	61	67	87	20
CA-5	0	61,370	61,370	0	154,368	154,368	0	708,583	708,583	35	63	28	14	22	8
CA-6	0	280,627	280,627	2,821	231,173	228,353	0	1,191,536	1,191,536	175	189	15	69	75	6
CA-7	0	245,556	245,556	247,862	383,681	135,819	1,205,868	959,203	-246,665	151	256	105	57	89	32
CA-8	1,045,619	1,181,296	135,678	1,491,663	1,884,662	392,999	4,119,149	4,926,215	807,066	1,144	1,231	87	402	428	25
CA-9	146,429	104,880	-41,549	249,214	256,428	7,213	962,071	1,114,026	151,955	92	94	2	32	33	1
CA-10	275,848	176,816	-99,032	249,214	444,759	195,545	962,071	2,041,541	1,079,469	176	182	6	61	63	2
CA-11	129,100	89,511	-39,589	113,847	222,967	109,120	444,674	1,004,803	560,129	87	88	1	30	31	0
CA-12	0	24,855	24,855	0	53,373	53,373	0	166,927	166,927	5	8	3	2	3	1
CA-13	304,004	371,097	67,092	468,368	579,290	110,922	1,179,633	1,448,226	268,593	355	386	31	126	134	9
CA-14	171,319	255,007	83,688	248,261	509,773	261,512	644,005	2,197,564	1,553,560	186	197	11	66	70	4
Total	2,383,095	3,707,162	1,324,067	3,357,759	5,994,788	2,637,028	10,712,066	21,443,946	10,731,880	2,909	3,370	461	1,053	1,190	138
(a) A negative value indicates a decrease from existing conditions to proposed conditions gpd = gallons per day cfs = cubic feet per second ac-ft = acre-feet															

Figure I
Existing Water Facilities
Preferred Land Use Alternative

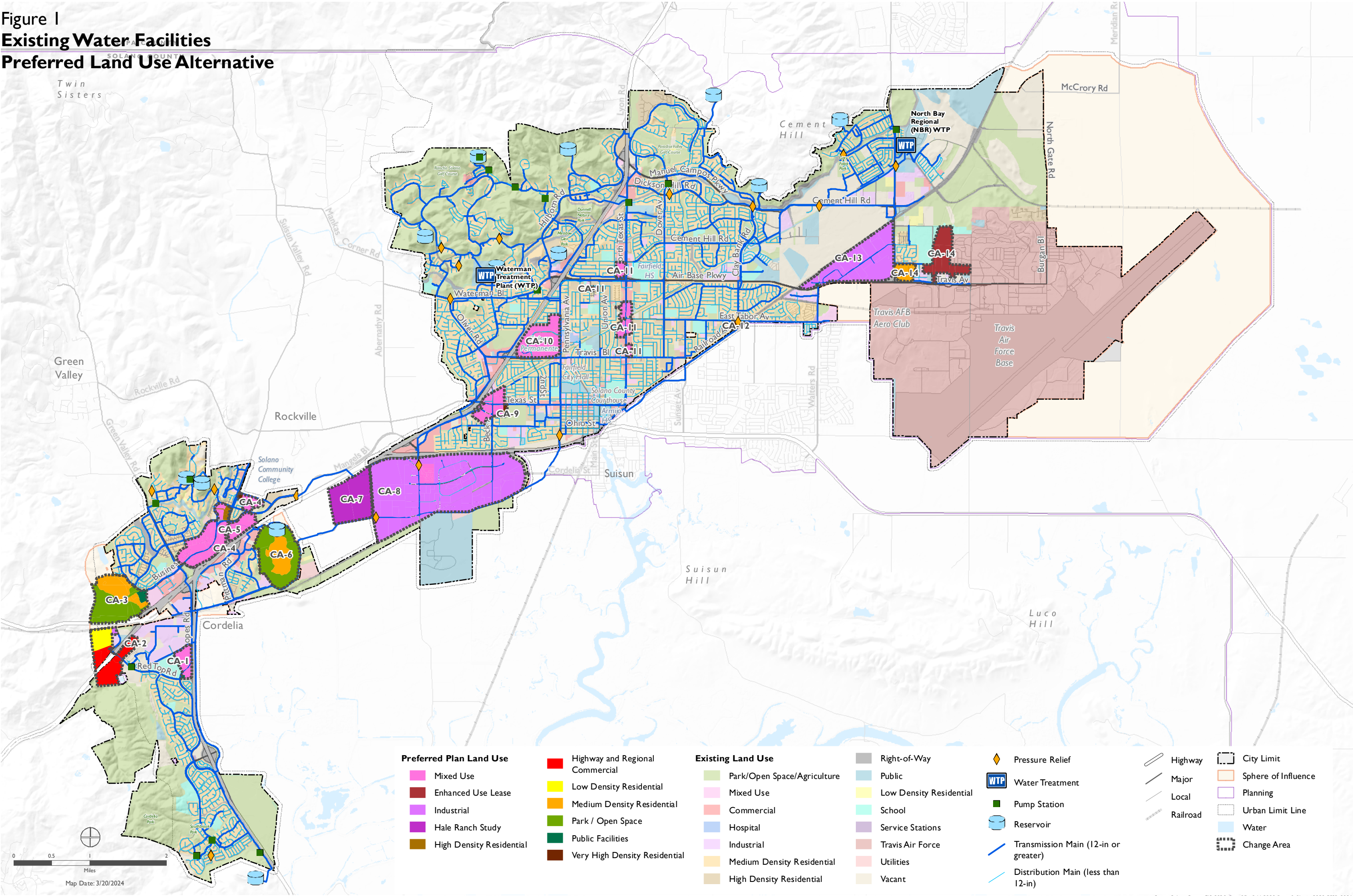


Figure 2
Existing Wastewater Collection System
Preferred Land Use Alternative

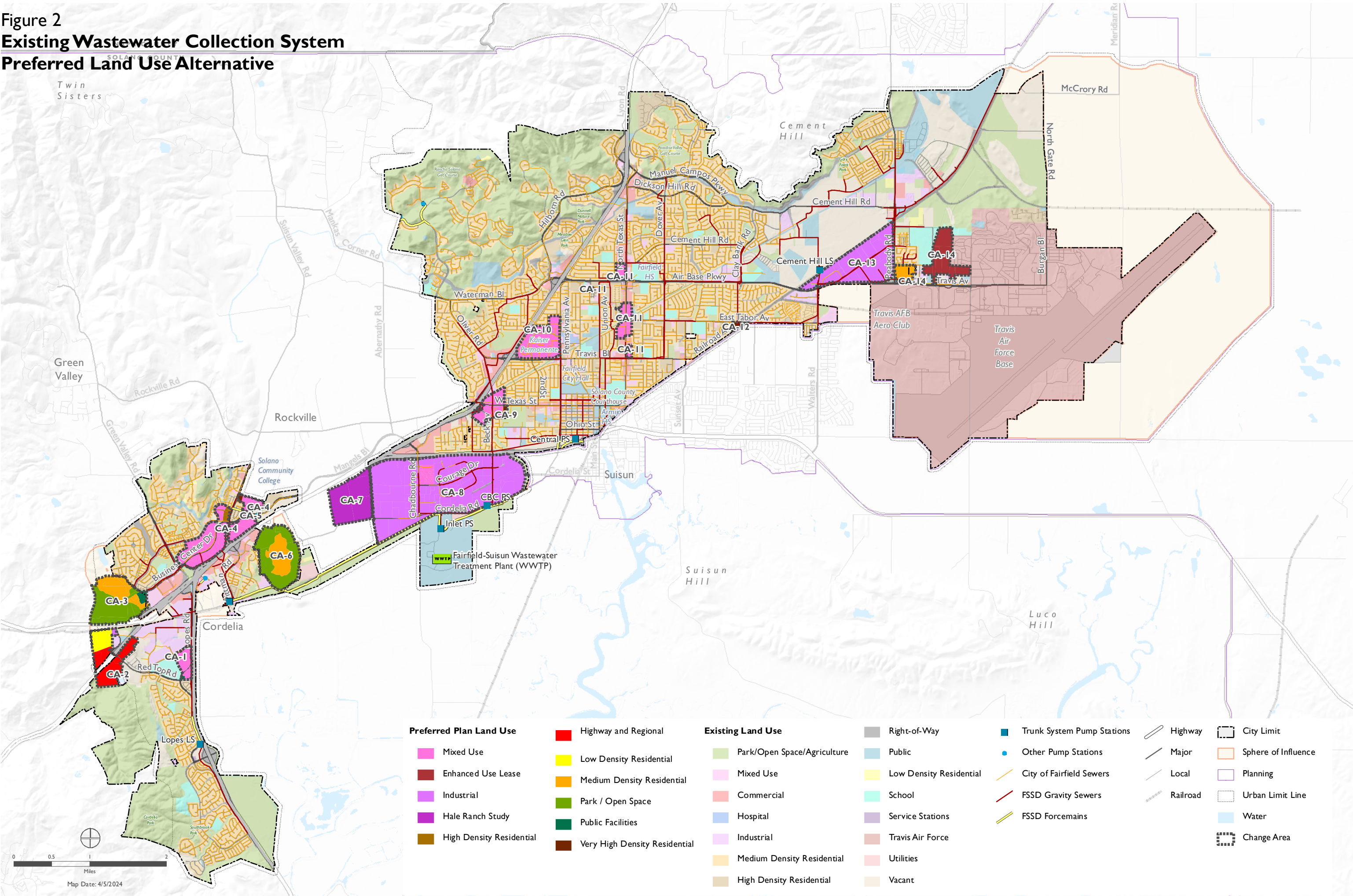


Figure 3
Existing Wastewater Collection System
and Capacity Deficiencies / CIP Projects

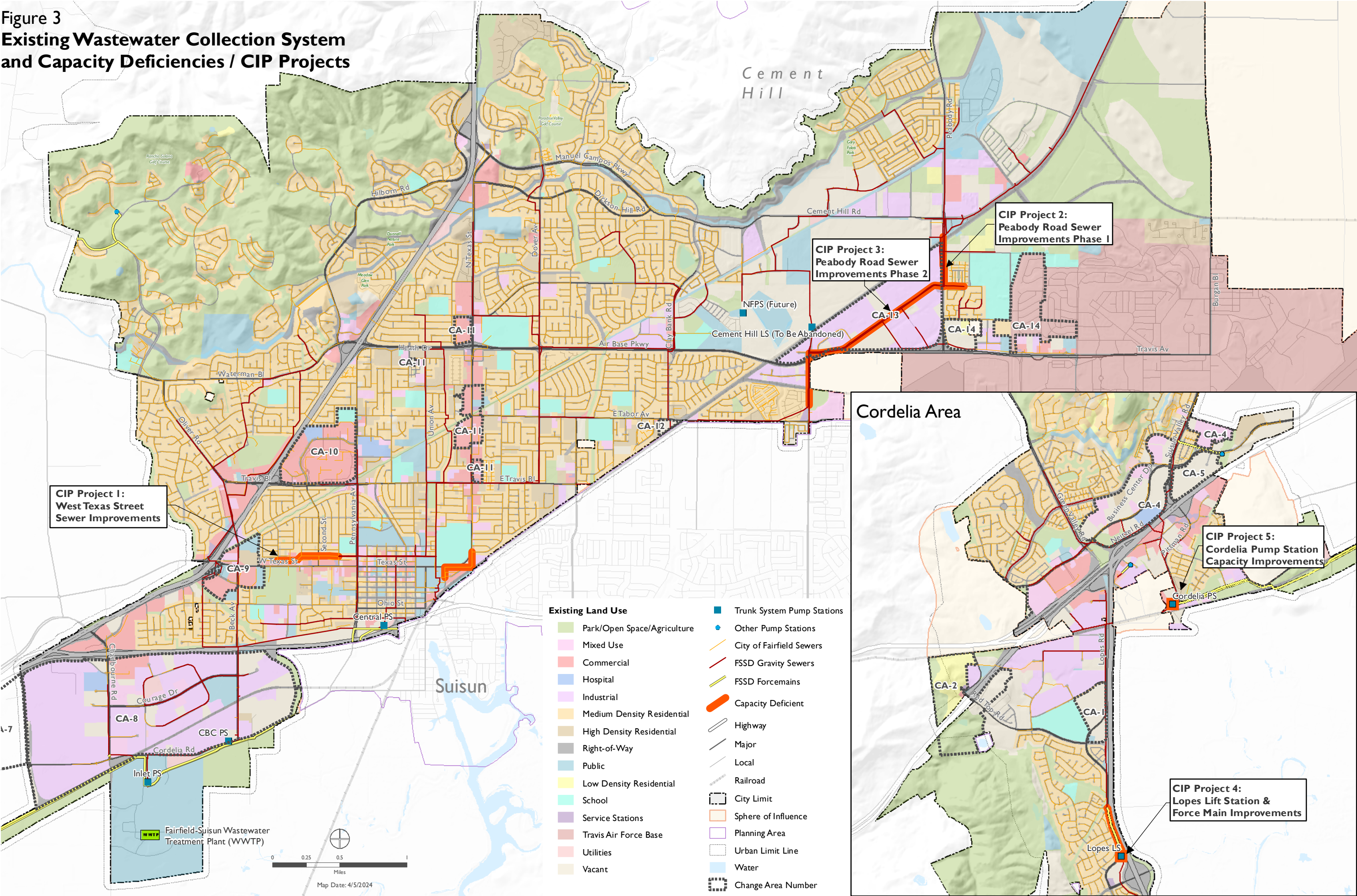
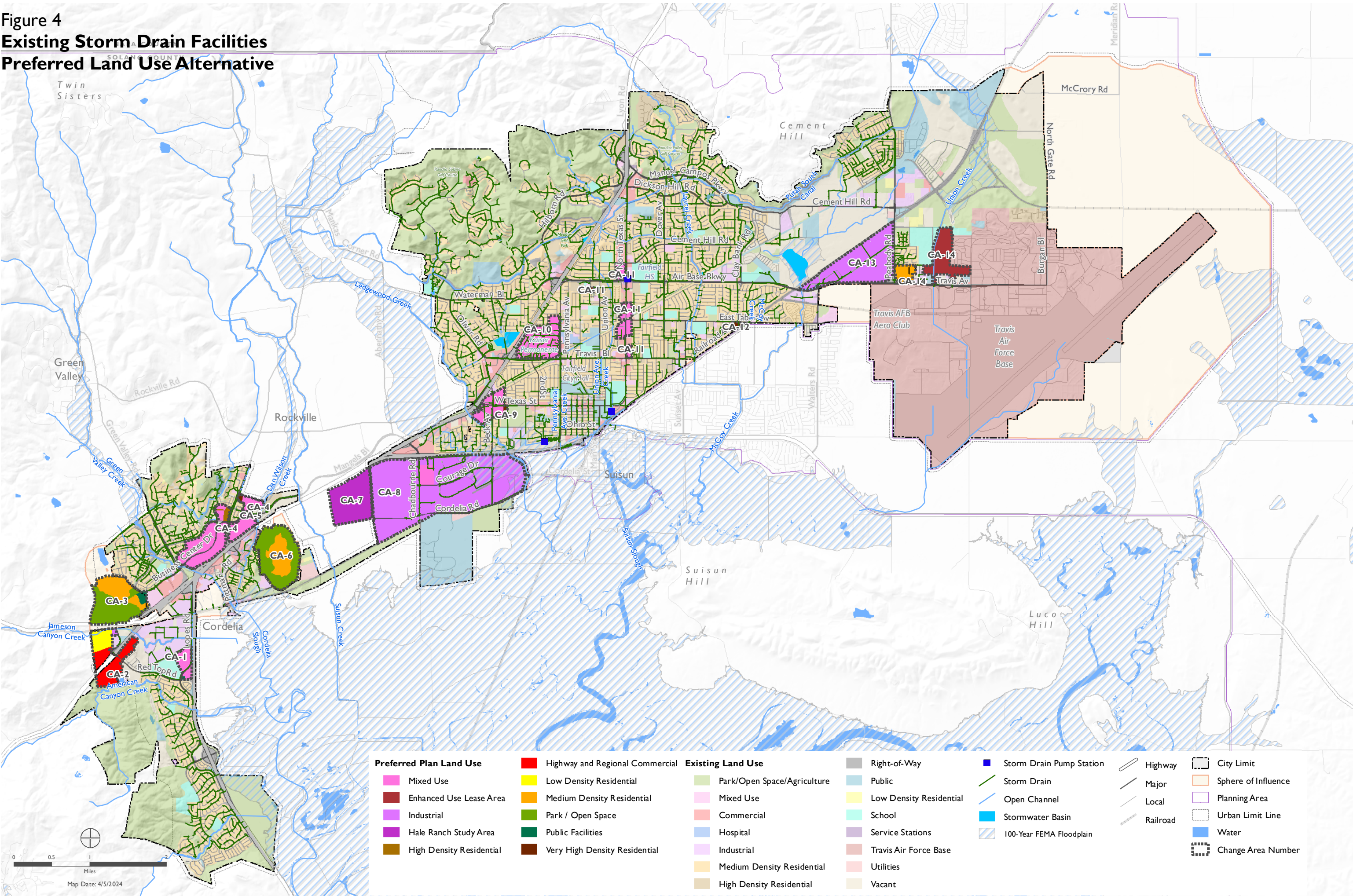


Figure 4
Existing Storm Drain Facilities
Preferred Land Use Alternative



Attachment A

Existing and Proposed Conditions Potable Water Demands

Attachment A. Existing and Proposed Conditions Potable Water Demands						
	Average Day Water Demand Factor, gpd/acre	Existing Land Use Area, acres	Existing Water Demand ^(a) , gpd	Proposed Land Use Area, acres	Proposed Water Demand, gpd	Change in Water Demand ^(b) , gpd
Change Area by Land Use Type						
CA-1						
Vacant	0	41.9	0	0.0	0	
Business Mixed Use	1,300	0.0	0	41.9	54,469	
Total		41.9	0	41.9	54,469	54,469
CA-2						
Agriculture	100	51.5	5,155	0.0	0	
Agriculture/Conservation	100	21.3	2,132	0.0	0	
Commercial	1,890	0.9	1,618	0.0	0	
Rural Residential	1,801	50.5	90,955	0.0	0	
Service Stations	1,890	1.0	1,800	0.0	0	
Vacant	0	28.1	0	0.0	0	
Highway and Regional Commercial	1,890	0.0	0	104.9	198,196	
Industrial Limited	1,280	0.0	0	3.7	4,760	
Low Density Residential	1,801	0.0	0	44.7	80,517	
Total		153.3	101,660	153.3	283,474	181,814
CA-3						
Agriculture/Conservation	100	229.3	0	0.0	0	
Public	1,730	1.2	0	0.0	0	
Road Right of Way	0	0.2	0	0.0	0	
Single Family Residential	1,801	1.2	0	0.0	0	
Vacant	0	1.2	0	0.0	0	
Low Medium Density Residential	2,726	0.0	0	80.4	219,291	
Medium Density Residential	3,651	0.0	0	3.1	11,350	
Park / Open Space	680	0.0	0	139.1	94,585	
Public Facilities	1,730	0.0	0	10.4	17,959	
Total		233.0	0	233.0	343,185	343,185
CA-4						
Hospital	3,651	13.7	49,946	0.0	0	
Hotel, Motel, Lodging Commercial	3,651	4.4	16,223	0.0	0	
Office	1,890	61.5	116,322	0.0	0	
Open Space	680	11.5	7,796	0.0	0	
Residential Care/Assisted Living Facility	3,651	5.2	18,829	0.0	0	
Vacant	0	92.7	0	0.0	0	
Business Mixed Use	1,300	0.0	0	101.7	132,248	
Business Mixed Use with Conditional Housing	1,300	0.0	0	74.8	97,193	
High Density Residential	3,651	0.0	0	9.2	33,631	
Very High Density Residential	3,651	0.0	0	3.3	12,028	
Total		189.0	209,116	189.0	275,100	65,985
CA-5						
Road Right of Way	0	0.7	0	0.0	0	
Vacant	0	46.5	0	0.0	0	
Mixed Use	1,300	0.0	0	47.2	61,370	
Total		47.2	0	47.2	61,370	61,370
CA-6						
Agriculture/Conservation	100	59.5	0	0.0	0	
Public	1,730	1.9	0	0.0	0	
Vacant	0	176.4	0	0.0	0	
Low Medium Density Residential	2,726	0.0	0	75.1	204,699	
Park / Open Space	680	0.0	0	162.7	110,658	
Total		237.8	0	237.8	315,357	315,357
CA-7						
Agriculture	100	134.8	0	0.0	0	
Multi-family Residential	3,651	49.2	0	0.0	0	
Vacant	0	7.8	0	0.0	0	
Hale Ranch Study Area	1,280	0.0	0	191.8	245,556	
Total		191.8	0	191.8	245,556	245,556
CA-8						
Commercial	1,890	23.0	43,455	0.0	0	
Hospital	3,651	15.1	55,148	0.0	0	
Industrial Heavy	1,280	156.1	199,846	0.0	0	
Industrial Light	1,280	461.4	590,603	0.0	0	
Multi-family Residential	3,651	3.9	14,252	0.0	0	
Office	1,890	43.9	83,023	0.0	0	
Open Space	680	0.4	260	0.0	0	
Public	1,730	26.5	45,774	0.0	0	
Railroads/Railroad ROW	0	30.7	0	0.0	0	
Utilities	1,280	10.4	13,259	0.0	0	
Vacant	0	151.0	0	0.0	0	
Business Mixed Use	1,300	0.0	0	31.4	40,809	
General Industrial	1,280	0.0	0	132.3	169,367	
Industrial Limited	1,280	0.0	0	758.7	971,120	
Total		922.4	1,045,619	922.4	1,181,296	135,678
CA-9						
Commercial	1,890	36.7	69,293	0.0	0	
Multi-family Residential	3,651	9.1	33,104	0.0	0	
Office	1,890	4.8	9,112	0.0	0	
Public	1,730	20.2	34,921	0.0	0	
Mixed Use	1,300	0.0	0	65.2	84,812	
Very High Density Residential	3,651	0.0	0	5.5	20,068	
Total		70.7	146,429	70.7	104,880	-41,549
CA-10						
Commercial	1,890	114.1	215,700	0.0	0	
Hospital	3,651	7.9	28,759	0.0	0	
Hotel, Motel, Lodging Commercial	3,651	3.6	13,189	0.0	0	
Office	1,890	1.3	2,548	0.0	0	
School	1,730	9.0	15,652	0.0	0	
Mixed Use	1,300	0.0	0	136.0	176,816	
Total		136.0	275,848	136.0	176,816	-99,032
CA-11						
Commercial	1,890	52.7	99,527	0.0	0	
Hotel, Motel, Lodging Commercial	3,651	4.1	14,856	0.0	0	
Industrial Light	1,280	0.8	1,000	0.0	0	
Multi-family Residential	3,651	0.7	2,709	0.0	0	
Office	1,890	1.3	2,456	0.0	0	
Public	1,730	2.4	4,230	0.0	0	

Attachment A. Existing and Proposed Conditions Potable Water Demands						
	Average Day Water Demand Factor, gpd/acre	Existing Land Use Area, acres	Existing Water Demand ^(a) , gpd	Proposed Land Use Area, acres	Proposed Water Demand, gpd	Change in Water Demand ^(b) , gpd
Service Stations	1,890	2.3	4,321	0.0	0	
Vacant	0	1.6	0	0.0	0	
Mixed Use	1,300	0.0	0	64.3	83,568	
Very High Density Residential	3,651	0.0	0	1.6	5,942	
Total		65.9	129,100	65.9	89,511	-39,589
CA-12						
Vacant	0	6.8	0	0.0	0	
Very High Density Residential	3,651	0.0	0	6.8	24,855	
Total		6.8	0	6.8	24,855	24,855
CA-13						
Commercial	1,890	0.9	1,729	0.0	0	
Industrial Heavy	1,280	77.8	99,613	0.0	0	
Industrial Light	1,280	152.6	195,363	0.0	0	
Public	1,730	2.4	4,122	0.0	0	
Railroads/Railroad ROW	0	0.9	0	0.0	0	
Service Stations	1,890	1.7	3,177	0.0	0	
Vacant	0	53.3	0	0.0	0	
General Industrial	1,280	0.0	0	158.0	202,209	
Industrial Limited	1,280	0.0	0	130.9	167,539	
Public Facilities	1,730	0.0	0	0.8	1,349	
Total		289.6	304,004	289.6	371,097	67,092
CA-14						
Industrial Light	1,280	2.1	2,629	0.0	0	
Rural Residential	1,801	4.5	8,140	0.0	0	
Single Family Residential	1,801	9.2	16,600	0.0	0	
Travis Air Force Base	1,280	112.5	143,950	0.0	0	
Vacant	0	28.9	0	0.0	0	
Enhanced Use Lease Area	1,300	0.0	0	121.7	158,182	
Medium Density Residential	3,651	0.0	0	35.5	129,680	
Total		157.2	171,319	157.2	287,862	116,543
(a) Several Change Areas were set to show zero existing water demand despite being labeled as containing land uses that should produce water demand. This is due to the fact that there are currently no existing City water meters within those Change Areas. This impacts the following Change Areas: CA-3, CA-6, and CA-7.						
(b) A negative value indicates a decrease from existing conditions to proposed conditions						
gpd = gallons per day						

Attachment B

Existing and Proposed Conditions Wastewater Flow

Attachment B. Existing and Proposed Conditions Wastewater Flow										
	ADWF Flow Factor, gpd/acre	PWWF Flow Factor, gpd/acre	Existing Land Use Area, acres	Existing ADWF, gpd	Existing PWWF, gpd	Proposed Land Use Area, acres	Proposed ADWF, gpd	Proposed PWWF, gpd	Change in ADWF ^(a) , gpd	Change in PWWF ^(a) , gpd
Change Area by Land Use Type										
CA-1										
Vacant	0	0	41.9	0	0	0.0	0	0		
Business Mixed Use	3,270	15,010	0.0	0	0	41.9	137,010	628,903		
Total			41.9	0	0	41.9	137,010	628,903	137,010	628,903
CA-2										
Agriculture	0	0	51.5	0	0	0.0	0	0		
Agriculture/Conservation	0	0	21.3	0	0	0.0	0	0		
Commercial	1,500	5,500	0.9	1,284	4,709	0.0	0	0		
Rural Residential	1,400	5,200	50.5	70,703	262,613	0.0	0	0		
Service Stations	1,500	5,500	1.0	1,428	5,237	0.0	0	0		
Vacant	0	0	28.1	0	0	0.0	0	0		
Highway and Regional Commercial	1,500	5,500	0.0	0	0	104.9	157,299	576,762		
Industrial Limited	2,000	5,000	0.0	0	0	3.7	7,438	18,595		
Low Density Residential	1,400	5,200	0.0	0	0	44.7	62,590	232,475		
Total			153.3	73,416	272,559	153.3	227,326	827,832	153,910	555,273
CA-3										
Agriculture/Conservation	0	0	229.3	0	0	0.0	0	0		
Public	1,500	5,500	1.2	1,828	6,704	0.0	0	0		
Road Right of Way	0	0	0.2	0	0	0.0	0	0		
Single Family Residential	1,400	5,200	1.2	1,611	5,983	0.0	0	0		
Vacant	0	0	1.2	0	0	0.0	0	0		
Low Medium Density Residential	1,995	10,450	0.0	0	0	80.4	160,486	840,641		
Medium Density Residential	3,150	10,450	0.0	0	0	3.1	9,793	32,487		
Park / Open Space	500	2,500	0.0	0	0	139.1	69,548	347,740		
Public Facilities	2,000	5,000	0.0	0	0	10.4	20,762	51,905		
Total			233.0	3,439	12,687	233.0	260,589	1,272,774	257,150	1,260,087
CA-4										
Hospital	5,040	24,520	13.7	68,948	335,438	0.0	0	0		
Hotel, Motel, Lodging Commercial	5,040	24,520	4.4	22,395	108,954	0.0	0	0		
Office	1,500	5,500	61.5	92,319	338,503	0.0	0	0		
Open Space	0	0	11.5	0	0	0.0	0	0		
Residential Care/Assisted Living Facility	5,040	24,520	5.2	25,992	126,454	0.0	0	0		
Vacant	0	0	92.7	0	0	0.0	0	0		
Business Mixed Use	3,270	15,010	0.0	0	0	101.7	332,656	1,526,960		
Business Mixed Use with Conditional H	3,270	15,010	0.0	0	0	74.8	244,479	1,122,210		
High Density Residential	5,040	24,520	0.0	0	0	9.2	46,426	225,865		
Very High Density Residential	7,840	24,520	0.0	0	0	3.3	25,828	80,777		
Total			189.0	209,654	909,349	189.0	649,388	2,955,812	439,733	2,046,463
CA-5										
Road Right of Way	0	0	0.7	0	0	0.0	0	0		
Vacant	0	0	46.5	0	0	0.0	0	0		
Mixed Use	3,270	15,010	0.0	0	0	47.2	154,368	708,583		
Total			47.2	0	0	47.2	154,368	708,583	154,368	708,583
CA-6										
Agriculture/Conservation	0	0	59.5	0	0	0.0	0	0		
Public	1,500	5,500	1.9	2,821	10,343	0.0	0	0		
Vacant	0	0	176.4	0	0	0.0	0	0		
Low Medium Density Residential	1,995	10,450	0.0	0	0	75.1	149,807	784,705		
Park / Open Space	500	2,500	0.0	0	0	162.7	81,366	406,831		
Total			237.8	2,821	10,343	237.8	231,173	1,191,536	228,353	1,181,193
CA-7										
Agriculture	0	0	134.8	0	0	0.0	0	0		
Multi-family Residential	5,040	24,520	49.2	247,862	1,205,868	0.0	0	0		
Vacant	0	0	7.8	0	0	0.0	0	0		
Hale Ranch Study Area	2,000	5,000	0.0	0	0	191.8	383,681	959,203		
Total			191.8	247,862	1,205,868	191.8	383,681	959,203	135,819	-246,665
CA-8										
Commercial	1,500	5,500	23.0	34,488	126,457	0.0	0	0		
Hospital	5,040	24,520	15.1	76,128	370,371	0.0	0	0		
Industrial Heavy	2,000	5,000	156.1	312,259	780,649	0.0	0	0		
Industrial Light	2,000	5,000	461.4	922,817	2,307,041	0.0	0	0		
Multi-family Residential	5,040	24,520	3.9	19,674	95,714	0.0	0	0		
Office	1,500	5,500	43.9	65,891	241,601	0.0	0	0		
Open Space	0	0	0.4	0	0	0.0	0	0		
Public	1,500	5,500	26.5	39,688	145,524	0.0	0	0		
Railroads/Railroad ROW	0	0	30.7	0	0	0.0	0	0		
Utilities	2,000	5,000	10.4	20,717	51,792	0.0	0	0		
Vacant	0	0	151.0	0	0	0.0	0	0		
Business Mixed Use	3,270	15,010	0.0	0	0	31.4	102,650	471,186		
General Industrial	2,000	5,000	0.0	0	0	132.3	264,637	661,591		
Industrial Limited	2,000	5,000	0.0	0	0	758.7	1,517,375	3,793,438		
Total			922.4	1,491,663	4,119,149	922.4	1,884,662	4,926,215	392,999	807,066
CA-9										
Commercial	1,500	5,500	36.7	54,994	201,646	0.0	0	0		
Multi-family Residential	5,040	24,520	9.1	45,698	222,325	0.0	0	0		
Office	1,500	5,500	4.8	7,232	26,516	0.0	0	0		
Public	1,500	5,500	20.2	30,278	111,019	0.0	0	0		
Mixed Use	3,270	15,010	0.0	0	0	65.2	213,334	979,249		
Very High Density Residential	7,840	24,520	0.0	0	0	5.5	43,094	134,777		
Total			70.7	138,202	561,506	70.7	256,428	1,114,026	118,225	552,520
CA-10										
Commercial	1,500	5,500	114.1	171,191	627,699	0.0	0	0		
Hospital	5,040	24,520	7.9	39,700	193,144	0.0	0	0		
Hotel, Motel, Lodging Commercial	5,040	24,520	3.6	18,207	88,577	0.0	0	0		
Office	1,500	5,500	1.3	2,022	7,415	0.0	0	0		
School	2,000	5,000	9.0	18,095	45,236	0.0	0	0		
Mixed Use	3,270	15,010	0.0	0	0	136.0	444,759	2,041,541		
Total			136.0	249,214	962,071	136.0	444,759	2,041,541	195,545	1,079,469
CA-11										
Commercial	1,500	5,500	52.7	78,990	289,629	0.0	0	0		
Hotel, Motel, Lodging Commercial	5,040	24,520	4.1	20,508	99,774	0.0	0	0		
Industrial Light	2,000	5,000	0.8	1,563	3,907	0.0	0	0		
Multi-family Residential	5,040	24,520	0.7	3,739	18,192	0.0	0	0		
Office	1,500	5,500	1.3	1,950	7,148	0.0	0	0		
Public	1,500	5,500	2.4	3,668	13,449	0.0	0	0		
Service Stations	1,500	5,500	2.3	3,429	12,575	0.0	0	0		
Vacant	0	0	1.6	0	0	0.0	0	0		
Mixed Use	3,270	15,010	0.0	0	0	64.3	210,207	964,894		
Very High Density Residential	7,840	24,520	0.0	0	0	1.6	12,760	39,909		
Total			65.9	113,847	444,674	65.9	222,967	1,004,803	109,120	560,129
CA-12										
Vacant	0	0	6.8	0	0	0.0	0	0		
Very High Density Residential	7,840	24,520	0.0	0	0	6.8	53,373	166,927		
Total			6.8	0	0	6.8	53,373	166,927	53,373	166,927
CA-13										
Commercial	1,500	5,500	0.9	1,372	5,030	0.0	0	0		
Industrial Heavy	2,000	5,000	77.8	155,645	389,113	0.0	0	0		
Industrial Light	2,000	5,000	152.6	305,255	763,138	0.0	0	0		
Public	1,500	5,500	2.4	3,574	13,105	0.0	0	0		
Railroads/Railroad ROW	0	0	0.9	0	0	0.0	0	0		
Service Stations	1,500	5,500	1.7	2,522	9,247	0.0	0	0		
Vacant	0	0	53.3	0	0	0.0	0	0		
General Industrial	2,000	5,000	0.0	0	0	158.0	315,951	789,878		
Industrial Limited	2,000	5,000	0.0	0	0	130.9	261,779	654,449		
Public Facilities	2,000	5,000	0.0	0	0	0.8	1,560	3,900		
Total			289.6	468,368	1,179,633	289.6	579,290	1,448,226	110,922	268,593
CA-14										
Industrial Light	2,000	5,000	2.1	4,107	10,269	0.0	0	0		
Rural Residential	1,400	5,200	4.5	6,327	23,502	0.0	0	0		
Single Family Residential	1,400	5,200	9.2	12,904	47,929	0.0	0	0		
Travis Air Force Base	2,000	5,000	112.5	224,922	562,306	0.0	0	0		
Vacant	0	0	28.9	0	0	0.0	0	0		
Enhanced Use Lease Area	3,270	15,010	0.0	0	0	121.7	397,888	1,826,389		
Medium Density Residential	3,150	10,450	0.0	0	0	35.5	111,885	371,175		
Total			157.2	248,261	644,005	157.2	509,773	2,197,564	261,512	1,553,560
(a) A negative value indicates a decrease from existing conditions to proposed conditions										
gpd = gallons per day										
ADWF = Average Dry Weather Flow										
PWWF = Peak Wet Weather Flow										

Attachment C

Existing and Proposed Conditions Stormwater Flow

Attachment C. Existing and Proposed Conditions Stormwater Flow										
	15-Year C-Value for Peak Flows	100-Year C-Value for Detenton Basins	Existing Land Use Area, acres	Existing Peak 15-Year Runoff, cfs	Existing 100-Year Runoff Volume, ac-ft	Proposed Land Use Area, acres	Proposed Peak 15-Year Runoff, cfs	Proposed 100-Year Runoff Volume, ac-ft	Change in Peak 15-Year Runoff ^(a) , cfs	Change in 100-Year Runoff Volume ^(a) , ac-ft
Change Area by Land Use Type										
CA-1										
Vacant	0.47	0.59	41.9	31	11	0.0	0	0		
Business Mixed Use	0.85	1.00	0.0	0	0	41.9	56	19		
Total			41.9	31	11	41.9	56	19	25	8
CA-2										
Agriculture	0.45	0.56	51.5	36	13	0.0	0	0		
Agriculture/Conservation	0.45	0.56	21.3	15	6	0.0	0	0		
Commercial	0.85	1.00	0.9	1	0	0.0	0	0		
Rural Residential	0.55	0.69	50.5	44	17	0.0	0	0		
Service Stations	0.85	1.00	1.0	1	0	0.0	0	0		
Vacant	0.47	0.59	28.1	21	8	0.0	0	0		
Highway and Regional Commercial	0.85	1.00	0.0	0	0	104.9	140	49		
Industrial Limited	0.85	1.00	0.0	0	0	3.7	5	2		
Low Density Residential	0.55	0.69	0.0	0	0	44.7	39	15		
Total			153.3	118	45	153.3	184	66	65	21
CA-3										
Agriculture/Conservation	0.45	0.56	229.3	162	60	0.0	0	0		
Public	0.85	1.00	1.2	2	1	0.0	0	0		
Road Right of Way	0.95	1.00	0.2	0	0	0.0	0	0		
Single Family Residential	0.55	0.69	1.2	1	0	0.0	0	0		
Vacant	0.47	0.59	1.2	1	0	0.0	0	0		
Low Medium Density Residential	0.59	0.73	0.0	0	0	80.4	74	29		
Medium Density Residential	0.63	0.78	0.0	0	0	3.1	3	1		
Park / Open Space	0.47	0.59	0.0	0	0	139.1	103	38		
Public Facilities	0.45	0.56	0.0	0	0	10.4	7	3		
Total			233.0	166	61	233.0	187	71	21	10
CA-4										
Hospital	0.85	1.00	13.7	18	6	0.0	0	0		
Hotel, Motel, Lodging Commercial	0.85	1.00	4.4	6	2	0.0	0	0		
Office	0.85	1.00	61.5	82	29	0.0	0	0		
Open Space	0.47	0.59	11.5	8	3	0.0	0	0		
Residential Care/Assisted Living Facility	0.65	0.81	5.2	5	2	0.0	0	0		
Vacant	0.47	0.59	92.7	68	25	0.0	0	0		
Business Mixed Use	0.85	1.00	0.0	0	0	101.7	136	47		
Business Mixed Use with Conditional Housing	0.85	1.00	0.0	0	0	74.8	100	35		
High Density Residential	0.70	0.88	0.0	0	0	9.2	10	4		
Very High Density Residential	0.78	0.97	0.0	0	0	3.3	4	1		
Total			189.0	188	67	189.0	250	87	61	20
CA-5										
Road Right of Way	0.95	1.00	0.7	1	0	0.0	0	0		
Vacant	0.47	0.59	46.5	34	13	0.0	0	0		
Mixed Use	0.85	1.00	0.0	0	0	47.2	63	22		
Total			47.2	35	13	47.2	63	22	28	9
CA-6										
Agriculture/Conservation	0.45	0.56	59.5	42	16	0.0	0	0		
Public	0.85	1.00	1.9	3	1	0.0	0	0		
Vacant	0.47	0.59	176.4	130	48	0.0	0	0		
Low Medium Density Residential	0.59	0.73	0.0	0	0	75.1	69	27		
Park / Open Space	0.47	0.59	0.0	0	0	162.7	120	44		
Total			237.8	175	64	237.8	189	71	15	7
CA-7										
Agriculture	0.45	0.56	134.8	95	35	0.0	0	0		
Multi-family Residential	0.65	0.81	49.2	50	19	0.0	0	0		
Vacant	0.47	0.59	7.8	6	2	0.0	0	0		
Hale Ranch Study Area	0.85	1.00	0.0	0	0	191.8	256	89		
Total			191.8	151	56	191.8	256	89	105	33
CA-8										
Commercial	0.85	1.00	23.0	31	11	0.0	0	0		
Hospital	0.85	1.00	15.1	20	7	0.0	0	0		
Industrial Heavy	0.85	1.00	156.1	208	72	0.0	0	0		
Industrial Light	0.85	1.00	461.4	616	214	0.0	0	0		
Multi-family Residential	0.65	0.81	3.9	4	2	0.0	0	0		
Office	0.85	1.00	43.9	59	20	0.0	0	0		
Open Space	0.47	0.59	0.4	0	0	0.0	0	0		
Public	0.85	1.00	26.5	35	12	0.0	0	0		
Railroads/Railroad ROW	0.95	1.00	30.7	46	14	0.0	0	0		
Utilities	0.85	1.00	10.4	14	5	0.0	0	0		
Vacant	0.47	0.59	151.0	111	41	0.0	0	0		
Business Mixed Use	0.85	1.00	0.0	0	0	31.4	42	15		
General Industrial	0.85	1.00	0.0	0	0	132.3	177	61		
Industrial Limited	0.85	1.00	0.0	0	0	758.7	1,012	352		
Total			922.4	1,144	399	922.4	1,231	428	87	29
CA-9										
Commercial	0.85	1.00	36.7	49	17	0.0	0	0		
Multi-family Residential	0.65	0.81	9.1	9	4	0.0	0	0		
Office	0.85	1.00	4.8	6	2	0.0	0	0		
Public	0.85	1.00	20.2	27	9	0.0	0	0		
Mixed Use	0.85	1.00	0.0	0	0	65.2	87	30		
Very High Density Residential	0.78	0.97	0.0	0	0	5.5	7	2		
Total			70.7	92	32	70.7	94	33	2	1
CA-10										
Commercial	0.85	1.00	114.1	152	53	0.0	0	0		
Hospital	0.85	1.00	7.9	11	4	0.0	0	0		
Hotel, Motel, Lodging Commercial	0.85	1.00	3.6	5	2	0.0	0	0		
Office	0.85	1.00	1.3	2	1	0.0	0	0		
School	0.45	0.56	9.0	6	3	0.0	0	0		
Mixed Use	0.85	1.00	0.0	0	0	136.0	182	63		
Total			136.0	176	61	136.0	182	63	6	2
CA-11										
Commercial	0.85	1.00	52.7	70	24	0.0	0	0		
Hotel, Motel, Lodging Commercial	0.85	1.00	4.1	5	2	0.0	0	0		
Industrial Light	0.85	1.00	0.8	1	0	0.0	0	0		
Multi-family Residential	0.65	0.81	0.7	1	0	0.0	0	0		
Office	0.85	1.00	1.3	2	1	0.0	0	0		
Public	0.85	1.00	2.4	3	1	0.0	0	0		
Service Stations	0.85	1.00	2.3	3	1	0.0	0	0		
Vacant	0.47	0.59	1.6	1	0	0.0	0	0		
Mixed Use	0.85	1.00	0.0	0	0	64.3	86	30		
Very High Density Residential	0.78	0.97	0.0	0	0	1.6	2	1		
Total			65.9	87	30	65.9	88	31	1	0
CA-12										
Vacant	0.47	0.59	6.8	5	2	0.0	0	0		
Very High Density Residential	0.78	0.97	0.0	0	0	6.8	8	3		
Total			6.8	5	2	6.8	8	3	3	1
CA-13										
Commercial	0.85	1.00	0.9	1	0	0.0	0	0		
Industrial Heavy	0.85	1.00	77.8	104	36	0.0	0	0		
Industrial Light	0.85	1.00	152.6	204	71	0.0	0	0		
Public	0.85	1.00	2.4	3	1	0.0	0	0		
Railroads/Railroad ROW	0.95	1.00	0.9	1	0	0.0	0	0		
Service Stations	0.85	1.00	1.7	2	1	0.0	0	0		
Vacant	0.47	0.59	53.3	39	15	0.0	0	0		
General Industrial	0.85	1.00	0.0	0	0	158.0	211	73		
Industrial Limited	0.85	1.00	0.0	0	0	130.9	175	61		
Public Facilities	0.45	0.56	0.0	0	0	0.8	1	0		
Total			289.6	355	124	289.6	386	134	31	10
CA-14										
Industrial Light	0.85	1.00	2.1	3	1	0.0	0	0		
Rural Residential	0.55	0.69	4.5	4	2	0.0	0	0		
Single Family Residential	0.55	0.69	9.2	8	3	0.0	0	0		
Travis Air Force Base	0.85	1.00	112.5	150	52	0.0	0	0		
Vacant	0.47	0.59	28.9	21	8	0.0	0	0		
Enhanced Use Lease Area	0.85	1.00	0.0	0	0	121.7	162	56		
Medium Density Residential	0.63	0.78	0.0	0	0	35.5	35	13		
Total			157.2	186	66	157.2	197	70	11	4
(a) A negative value indicates a decrease from existing conditions to proposed conditions										
cfs = cubic feet per second										
ac-ft = acre-feet										

