


PUBLIC WORKS DEPARTMENT
INITIAL STUDY OF
ENVIRONMENTAL SIGNIFICANCE

PROJECT NUMBER: 0662-6R4121

CP# 17-11

PROJECT NAME: Bailey Road/State Route 4 Interchange Pedestrian & Bicycle Improvement

PREPARED BY: Claudia Gemberling, Environmental Services Division, 313-2192  DATE: September 28, 2017

APPROVED BY:  DATE: 10/10/17

RECOMMENDATIONS:

☒ **Categorical Exemption: 15301(c) [Class 1]**

☐ Negative Declaration

☐ Environmental Impact Report Required

☐ Conditional Negative Declaration

The project will not have a significant effect on the environment. The recommendation is based on the following: The project consists of minor alterations to existing public infrastructure involving negligible or no expansion of use pursuant to section 15301(c) of the CEQA guidelines.

What changes to the project would mitigate the identified impacts: N/A

USGS Quad Sheet: <u>Honker Bay</u>	Base Map Sheet #: <u>F-18</u>	Parcel #: <u>097-27C-XXX</u>
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GENERAL CONSIDERATIONS:

1. **Location:** The project is located in Bay Point, an unincorporated area of Contra Costa County (Figures 1 and 2).
2. **Project Description:** The project will reconfigure the State Route 4 (SR4) eastbound and westbound off-ramps at Bailey Road and improve access for pedestrians and bicyclists along Bailey Road (Figure 3). Specifically, the project will include the removal of the westbound loop off-ramp and underlying pedestrian tunnel on the northwest side of the interchange. A temporary platform will be installed underneath the loop off-ramp structure during demolition to protect the underlying Contra Costa Canal.

The westbound diagonal off-ramp on the northeast side of the interchange will be widened to two lanes for approximately 450 feet beginning at the intersection and a new traffic signal will be installed. An approximately 230-foot long, 8-foot tall retaining wall will be constructed along the north side of the ramp which will require excavation of an area approximately 6 feet wide and 6 feet in depth.

The project will remove the free right turns at the eastbound SR4 loop off ramp as well as the BART access road. The intersection and traffic signal will be modified to control the right turn movements.

A 12-foot-wide sidewalk along the southbound side of Bailey Road and a 6-foot-wide sidewalk along the northbound side will be constructed through the interchange area as well as Class 2 bike lanes.

The project will result in removal of approximately 22,500 square feet (0.5 acre) of pavement and install approximately 9,400 square feet (0.2 acre) of pavement.

Replacement planting/landscaping will be installed as needed. The project will maintain the existing drainage pattern and impacted drainage inlets will be modified.

Temporary construction easements may be needed for construction staging which will occur in already disturbed areas. Utility relocations will be required.

A minimum of one lane will be open during construction activities. Emergency vehicles will have access at all times.

Contra Costa County

Environmental Considerations:

The project is partially funded with federal transportation funds and the project was reviewed for NEPA compliance in accordance with the Caltrans environmental review process. The following studies were prepared for the NEPA environmental review: air quality, biological resources, cultural resources, hazardous materials, noise quality, paleontological resources, traffic operations, visual resources, and water quality. Caltrans determined that the project will not have a significant effect on environmental resources either due to the absence of such resources in the project area or studies determined resources would not be impacted with implementation of applicable avoidance and minimization measures and therefore, determined that the project qualifies as a Categorical Exclusion under NEPA. The following are avoidance and minimization measures identified to reduce potential impacts to the following resources:

Biological Resources: Burrowing owl, species of special concern, and nesting birds/raptors protected by the federal Migratory Bird Treaty Act and California Fish and Game Code may occur within or near the project area. While the ruderal/landscaped community in the area provides marginal suitable habitat for burrowing owls due to its highly fragmented nature, small extent, and high levels of disturbance, ground squirrel burrows were observed in this habitat during field surveys and thus there is a possibility that burrowing owls could be present at the time of project construction. Trees, shrubs, and herbaceous vegetation in the area provide suitable nesting habitat for small numbers of common songbirds. While no trees will be removed, trimming may be necessary. In order to avoid direct or indirect impacts, a preconstruction survey will be conducted by a qualified biologist prior to start of construction. The California Department of Fish and Wildlife (DFW) will be contacted for guidance if potential impacts to these species cannot be avoided or minimized. In addition, the project area is located within the East Contra Costa County Habitat Conservation Plan (HCP) inventory area, but since the project is located within an urban land cover type notification is not required.

Cultural Resources: The westbound loop off-ramp spans the underlying Contra Costa Canal which is eligible for listing in the National Register of Historic Places. The proposed demolition of the off-ramp will not impact the Canal because a platform will be constructed to protect the Canal from potential debris. While no subsurface resources were identified, project specifications will include standard conditions should a discovery be found.

Hazardous Materials: It is possible that the surface soils along Bailey Road are affected by deposition of aerial lead. Due to the age of the structures to be removed (westbound loop off-ramp structure, pedestrian walkway), there is the potential for asbestos-containing materials and lead-based paint. Additional investigation will be conducted to determine the levels which will guide proper handling and disposal of hazardous materials and the worker health and safety plan.

Noise: The project is in a highly urbanized area; the closest sensitive receptors include a mobile home park and an elementary school northeast of the Bailey Road/Canal Road intersection, approximately 50 feet and 500 feet away respectively; a condominium/townhome complex is located approximately 500 feet northwest of the westbound loop off-ramp. Both residential communities and the school are protected by one or more sound walls along the SR4 on- and off-ramps and Canal Road. While noise barriers exist, general noise reduction measures will be included in project specifications to be implemented during construction including, but not limited to: restricting noise to the allowable hours as identified by the local jurisdiction, where feasible, and if work is necessary outside of the allowable hours, a construction noise monitoring program would be required, limiting unnecessary idling of equipment, and locating stationary noise equipment as far as possible from sensitive receptors.

Paleontological Resources: The project vicinity contains highly sensitive geological units for paleontological resources. Therefore, a qualified paleontologist will monitor excavation activities of the highly sensitive areas including the westbound loop off-ramp, traffic signals, retaining wall, and new drainage inlets. A plan will also be prepared to address potential discovery of paleontological resources.

Water Quality: The project would add impervious area and involve grading, which could result in additional stormwater runoff, soil erosion, and suspended solids being introduced into waterways. A Water Pollution Control Plan will be prepared to identify appropriate Best Management Practices (BMPs) to be implemented during construction.

3. Does it appear that any feature of the project will generate significant public concern?

☐ Yes ☒ No ☐ maybe (Nature of concern):

4. Will the project require approval or permits by other than a County agency?

☒ Yes ☐ No Caltrans (Encroachment)

5. Is the project within the Sphere of Influence of any city? Pittsburg

CONTRA COSTA COUNTY CALIFORNIA

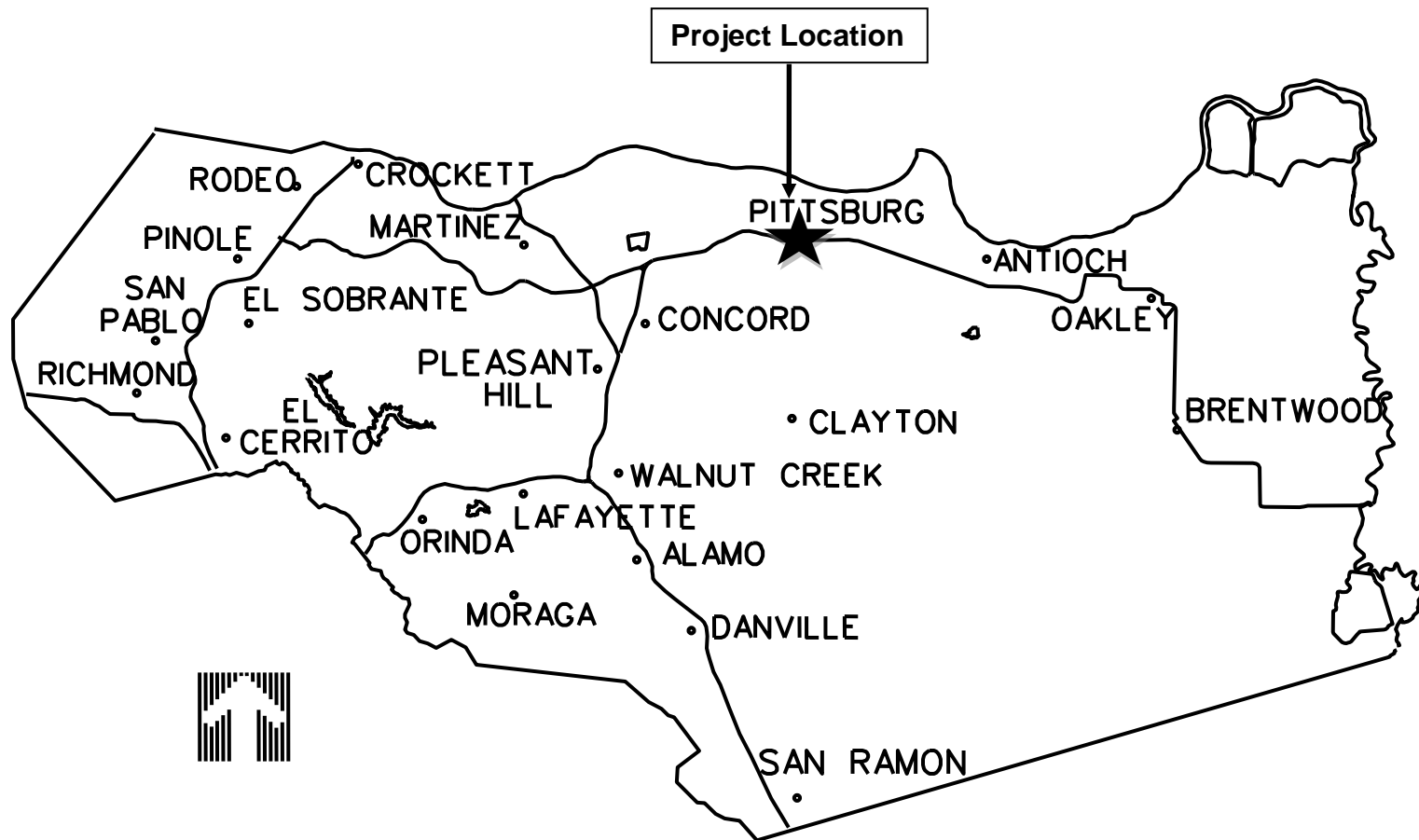


FIGURE 1: PROJECT LOCATION MAP

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION Caltrans	FUNCTIONAL SUPERVISOR		CALCULATED- DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED

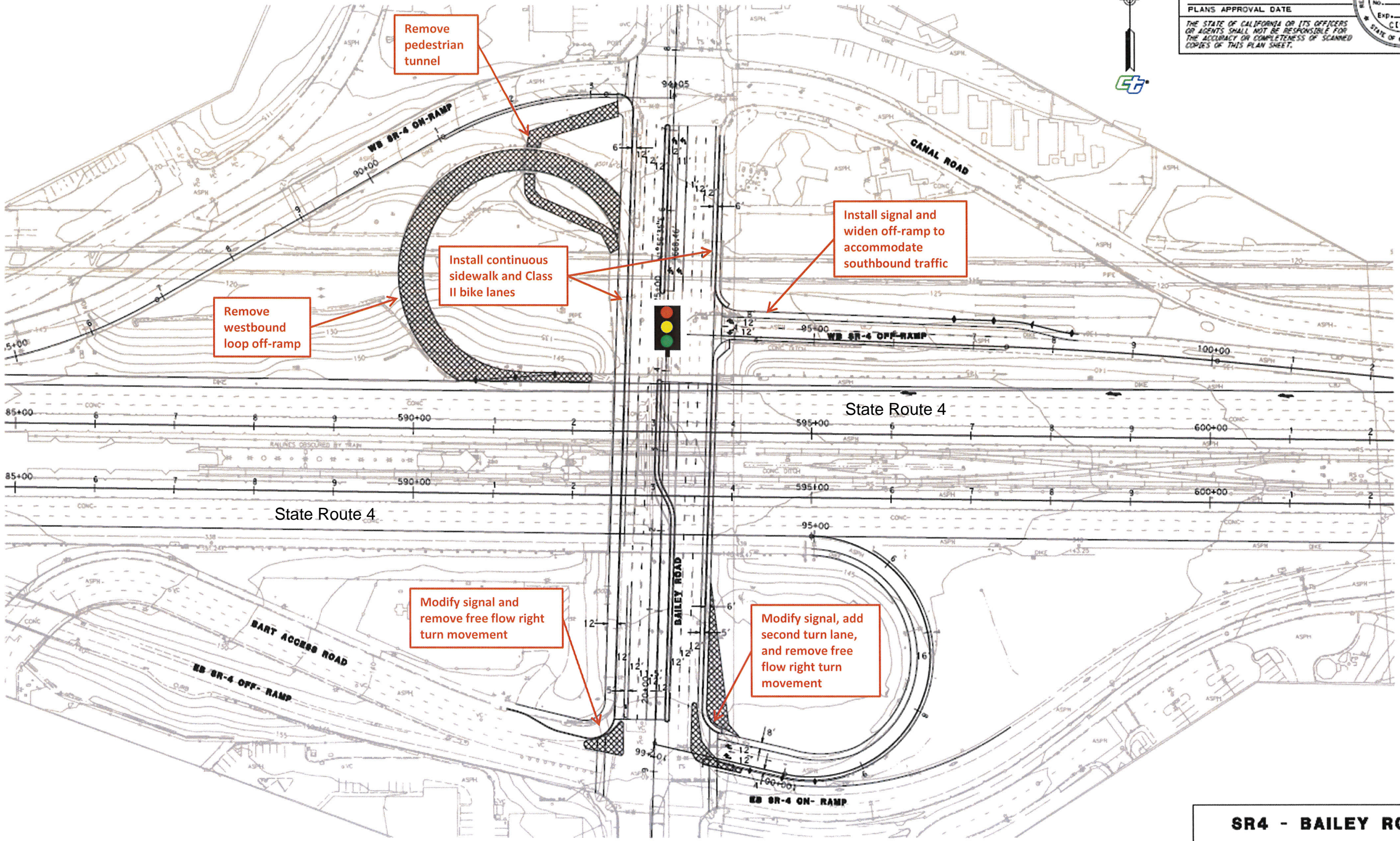
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER DATE _____

 PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
 No. _____
 Exp. _____
 CIVIL
 STATE OF CALIFORNIA



SR4 - BAILEY ROAD

Proposed Project Layout
Figure 3

SCALE: 1" = 60' June 25, 2014

LAST REVISION DATE PLOTTED => #DATE
 00-00-00 TIME PLOTTED => #TIME

CALIFORNIA ENVIRONMENTAL QUALITY ACT

Notice of Exemption

To: ☐ Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

From: Contra Costa County
Dept. of Conservation & Development
30 Muir Road
Martinez, CA 94553

☒ County Clerk
County of: Contra Costa

Project Title: Bailey Road/State Route 4 Interchange Pedestrian & Bicycle Improvement
Project #: 0662-6R4121 CP#: 17-11

Project Applicant: Contra Costa County Public Works Department

Project Location – **Specific:** Bailey Road/State Route 4 interchange

Project Location: Bay Point Project Location – County: Contra Costa

Description of Nature, Purpose and Beneficiaries of Project: The project will reconfigure the State Route 4 (SR4) eastbound and westbound off-ramps at Bailey Road and improve access for pedestrians and bicyclists along Bailey Road (Figure 3). Specifically, the project will include the removal of the westbound loop off-ramp and underlying pedestrian tunnel on the northwest side of the interchange. A temporary platform will be installed underneath the loop off-ramp structure during demolition to protect the underlying Contra Costa Canal. The westbound diagonal off-ramp on the northeast side of the interchange will be widened to two lanes for approximately 450 feet beginning at the intersection and a new traffic signal will be installed. An approximately 230-foot long, 8-foot tall retaining wall will be constructed along the north side of the ramp which will require excavation of an area approximately 6 feet wide and 6 feet in depth. The project will remove the free right turns at the eastbound SR4 loop off ramp as well as the BART access road. The intersection and traffic signal will be modified to control the right turn movements. A 12-foot-wide sidewalk along the southbound side of Bailey Road and a 6-foot-wide sidewalk along the northbound side will be constructed through the interchange area as well as Class 2 bike lanes. The project will result in removal of approximately 22,500 square feet (0.5 acre) of pavement and install approximately 9,400 square feet (0.2 acre) of pavement. Replacement planting/landscaping will be installed as needed. The project will maintain the existing drainage pattern and impacted drainage inlets will be modified. Temporary construction easements may be needed for construction staging which will occur in already disturbed areas. Utility relocations will be required. A minimum of one lane will be open during construction activities. Emergency vehicles will have access at all times.

General Plan Conformance is necessary from the City of Pittsburg.

Name of Public Agency Approving Project: Contra Costa County
Name of Person or Agency Carrying Out Project: Contra Costa County Public Works Department

Exempt Status:

- ☐ Ministerial Project (Sec. 21080(b) (1); 15268;
☐ Declared Emergency (Sec. 21080(b)(3); 15269(a));
☐ Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- ☒ **Categorical Exemption: 15301(c) (Class 1)**
☐ Other Statutory Exemption, Code No.: _____
☐ General Rule of Applicability [Article 5, Section 15061 (b)(3)]

Reasons why project is exempt: The project will not have a significant effect on the environment. The recommendation is based on the following: The project consists of minor alterations to existing public infrastructure involving negligible or no expansion of use pursuant to section 15301(c) of the CEQA guidelines.

Lead Agency Contact Person: Claudia Gemberling, Public Works Department Area Code/Telephone/Extension: (925) 313-2192

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? ☐ Yes ☐ No

Signature: _____ Date: _____ Title: _____

☒ Signed by Lead Agency ☐ Signed by Applicant

AFFIDAVIT OF FILING AND POSTING

I declare that on _____ I received and posted this notice as required by California Public Resources Code Section 21152(c). Said notice will remain posted for 30 days from the filing date.

Signature

Title

Applicant:
Public Works Department
255 Glacier Drive
Martinez, CA 94553
Attn: C. Gemberling
Environmental Services Division
Phone: (925) 313-2192

Department of Fish and Game Fees Due
☐ EIR - \$3,078.²⁵
☐ Neg. Dec. - \$2,216.²⁵
☐ DeMinimis Findings - \$0
☒ **County Clerk - \$50**
☒ **Conservation & Development - \$25**

Total Due: \$75.⁰⁰
Total Paid \$ _____
Receipt #: _____