

Contra  
Costa  
County

PUBLIC WORKS DEPARTMENT  
INITIAL STUDY OF  
ENVIRONMENTAL SIGNIFICANCE

PROJECT NUMBER: 0662-6R4011  
CP# 17-14

PROJECT NAME: Byron Highway Traffic Safety Improvements Project  
PREPARED BY: Alex Nattkemper AB DATE: July 12, 2017  
APPROVED BY: [Signature] DATE: 8-2-17

RECOMMENDATIONS:

- ☒ Categorical Exemption: 15301 [Class 1(c)]  
☐ Environmental Impact Report Required
- ☐ Negative Declaration  
☐ 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 maintenance of existing public facilities, involving negligible expansion of use beyond that previously existing, pursuant to section 15301(c) of the CEQA guidelines.

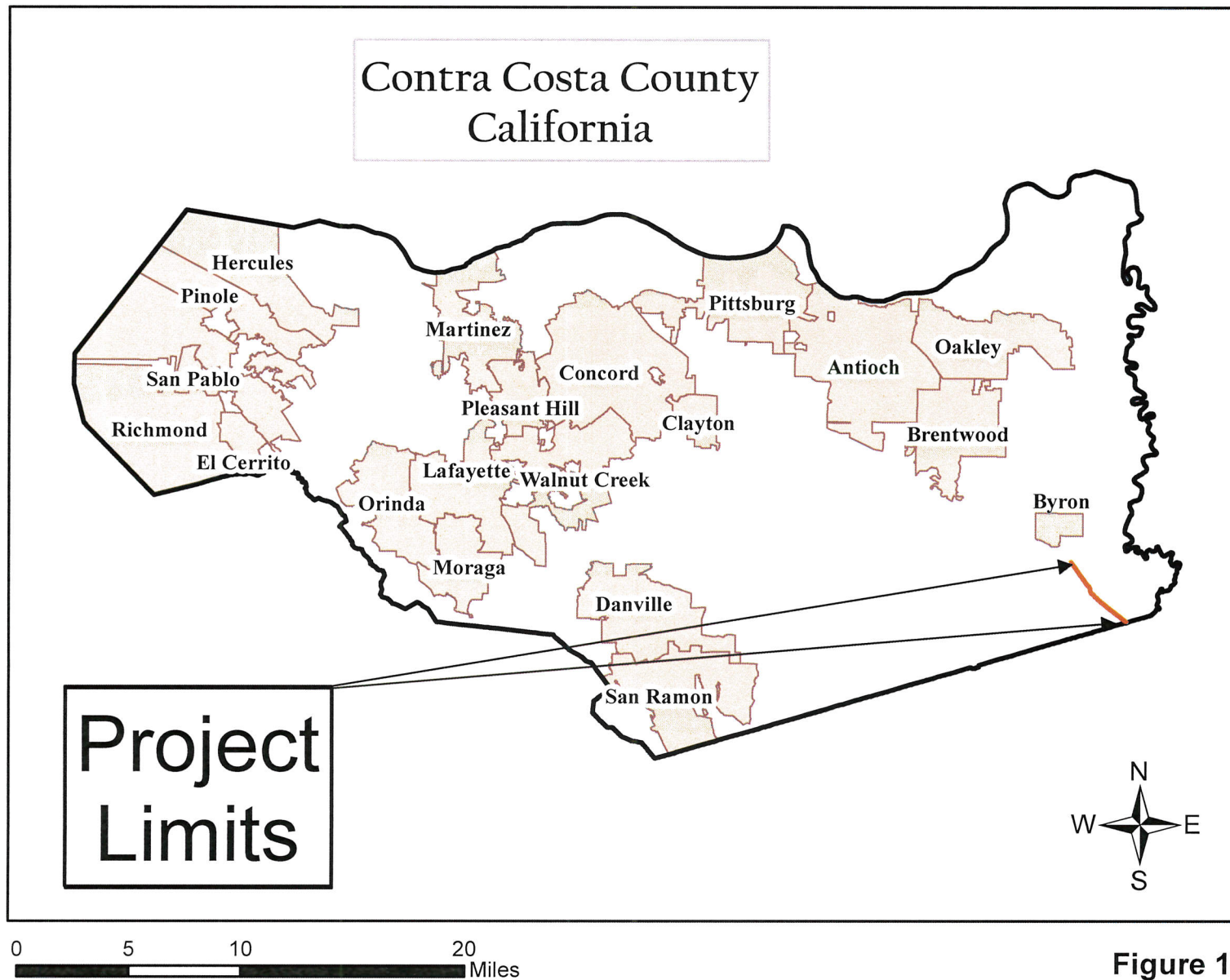
What changes to the project would mitigate the identified impacts: N/A

USGS Quad Sheet: Clifton Court Forebay	Base Map Sheet #: R-28, S-28, T-28, T-29, U-29	Parcel #: N/A
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GENERAL CONSIDERATIONS:

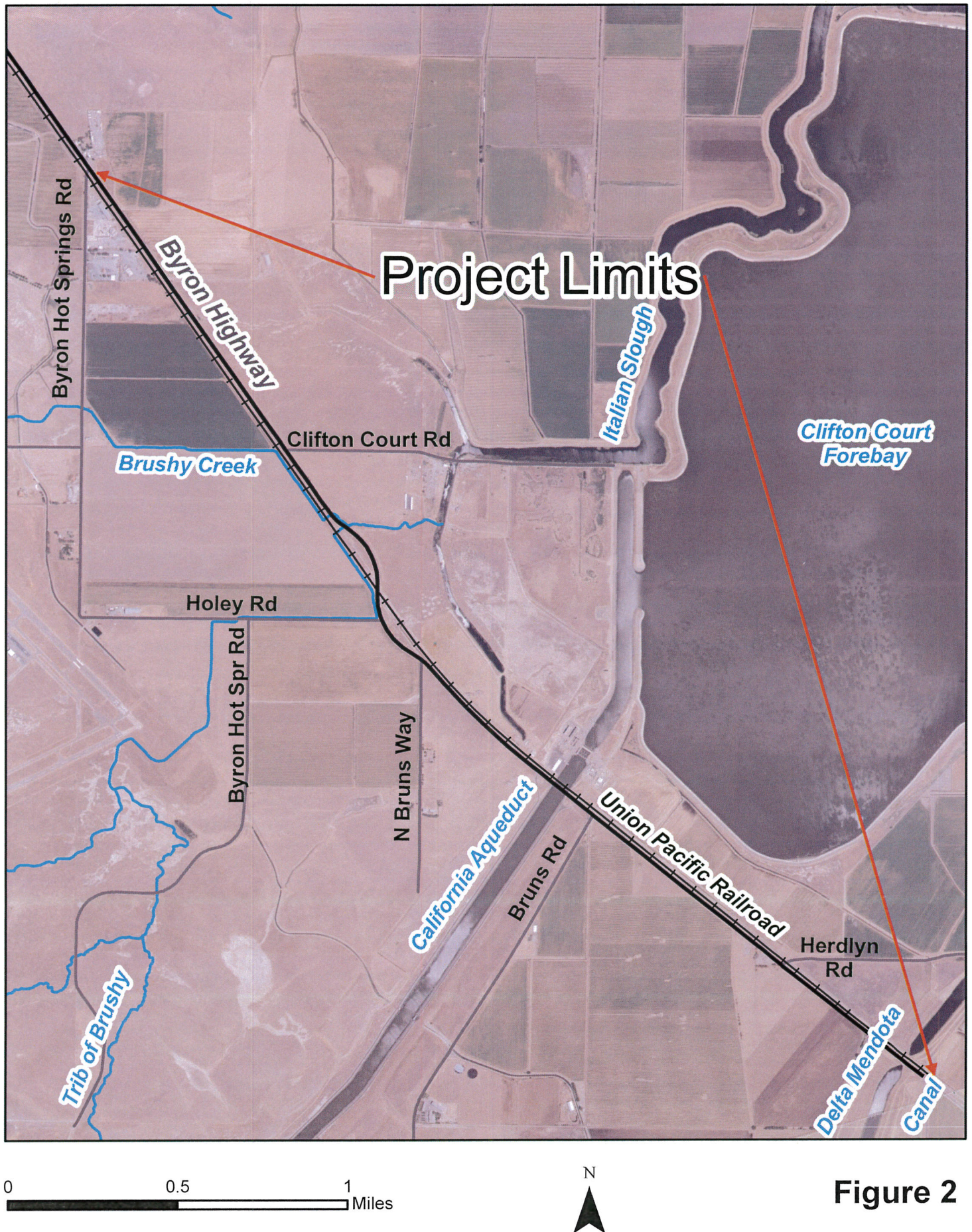
1. Location: The project is located along Byron Highway, south of the unincorporated community of Byron, from Byron Hot Springs Road to the Contra Costa-Alameda County border [Figures 1-7].
2. Project Description: The purpose of this Project is to provide systemic improvements to reduce the number of collisions due to improper passing and improve driver safety along Byron Highway. The Project consists of removing the existing centerline striping and restriping the centerline to feature double yellow no-passing lines and a centerline rumble strip throughout the entire Project length of 3.6 miles, except for at intersections and railroad crossings. The centerline rumble strip will not be implemented on the aqueduct bridge. Alternative surface applied systems are being evaluated for this location, such as raised thermoplastic striping, pavement markers or double yellow no-passing lines. The centerline rumble strips will provide an audible warning and vibratory response to warn drivers when they are veering out of their respective travel lanes. In order to install the centerline rumble strips, the Project will grind a very shallow, narrow portion of the existing roadway. The grinding operations will not exceed the bottom of the existing roadway base section and therefore, native soil will not be disturbed. All existing regulatory and warning signs along the length of the Project will be upgraded to meet new retro-reflectivity standards. Up to ten sign posts may be replaced. All Project improvements will be located within the County’s road right-of-way, with centerline work being done within the existing pavement. No pavement widening is proposed for this Project. The Project will maintain the existing drainage pattern and will not create new impervious areas. Appropriate Best Management Practices (BMPs) will be implemented. There will not be any impacts to utilities. No tree removal will be necessary. Although no permanent right-of-way acquisition is required, temporary construction easements may be needed in support of the Project. Traffic impacts (lane closures and traffic control) will be localized to the grinding operations for rumble strips, operations for centerline striping, and sign replacement operations. At least one lane will be open during construction activities. Emergency vehicles will have access at all times. The Project is a covered activity under the East Contra Costa County Habitat Conservation Plan/Natural Community Conservation Plan (HCP/NCCP) as a Rural Infrastructure Project. Although the Project will be constructed adjacent to a variety of fee paying land cover types, all work will occur within areas classified as Urban Land Cover Type. Lands mapped by the HCP/NCCP as Urban Land Cover Type are not subject to preparation of a Planning Survey Report or payment of HCP/NCCP mitigation fees.
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
5. Is the project within the Sphere of Influence of any city? No

# Byron Highway Traffic Safety Project





# Byron Highway Traffic Safety Improvements

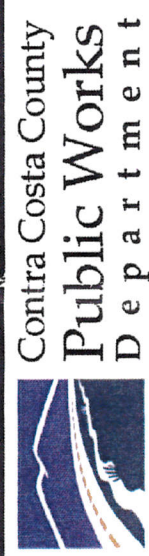






NO PASSING LINE AND CENTERLINE RUMBLE STRIP

NOTE: Influence areas of all countermeasures are along entire corridor as this is a systemic improvement. Full scope of project includes no passing line, centerline rumble strip, and upgrading sign reflectivity throughout entire corridor. Project will remain within existing pavement width and Contra Costa County Right of Way.



255 GLACIER DRIVE MARTINEZ, CALIFORNIA 94553 PH: (925) 313-2000 FAX: (925) 313-2333

SCALE: 1" = 2000'





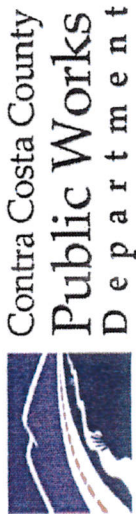
EXISTING NO  
PASSING LINES



LEGEND

- NO PASSING LINE AND CENTERLINE RUMBLE STRIP
- RIGHT OF WAY LINE
- UNION PACIFIC RAILROAD RIGHT OF WAY LINE

SCALE: 1" = 800'



Contra Costa County

Public Works  
Department

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PROJECT LAYOUT MAP Figure 4

Byron Highway Traffic Safety Improvements

FEDERAL ID NO.:

DATE: JUL 2015

DB: TC CB: MH

SHEET 2 OF 5



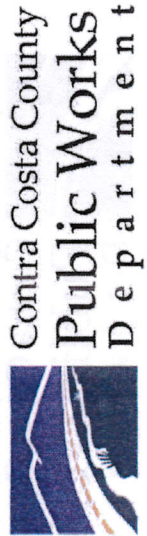


LEGEND

- NO PASSING LINE AND CENTERLINE RUMBLE STRIP
- RIGHT OF WAY LINE
- UNION PACIFIC RAILROAD RIGHT OF WAY LINE
- PROPOSED DELINEATORS

NOTE: RUMBLE STRIP WILL NOT RUN THROUGH RAILROAD CROSSING

SCALE: 1" = 450'



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PROJECT LAYOUT MAP

Figure 5

Byron Highway Traffic Safety Improvements

FEDERAL ID NO.:

DB: TC CB: MH DATE: JUL 2015

SHEET 3 OF 5

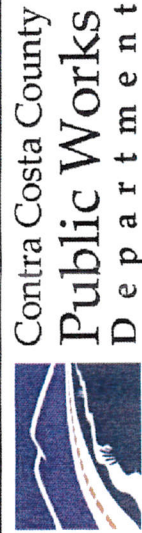




**LEGEND**

- NO PASSING LINE AND CENTERLINE RUMBLE STRIP
- RIGHT OF WAY LINE
- UNION PACIFIC RAILROAD RIGHT OF WAY LINE

SCALE: 1" = 400'



Contra Costa County

Public Works  
Department

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PROJECT LAYOUT MAP Figure 6

Byron Highway Traffic Safety Improvements

FEDERAL ID NO.:

DB: TC CB: MH

DATE: JUL 2015

SHEET 4 OF 5





## LEGEND

- NO PASSING LINE AND CENTERLINE RUMBLE STRIP
- RIGHT OF WAY LINE
- UNION PACIFIC RAILROAD RIGHT OF WAY LINE

SCALE: 1" = 400'



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Contra Costa County

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PROJECT LAYOUT MAP

Figure 7

Byron Highway Traffic Safety Improvements

FEDERAL ID NO.:

DB: TC CB: MH

DATE: JUL 2015

SHEET 5 OF 5



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
[X] County Clerk
County of: Contra Costa

Project Title: Byron Highway Traffic Safety Improvements Project
Proj. No. 0662-6R4011 CP#17-14

Project Applicant: Contra Costa County Public Works Department
Project Location - Specific: Byron Highway from Byron Hot Springs Road to Contra Costa-Alameda County border
Project Location: Unincorporated community of Byron
Project Location - County: East Contra Costa

Description of Nature, Purpose and Beneficiaries of Project: The purpose of this Project is to provide systemic improvements to reduce the number of collisions due to improper passing and improve driver safety along Byron Highway. The Project consists of removing the existing centerline striping and restriping the centerline to feature double yellow no-passing lines and a centerline rumble strip throughout the entire Project length of 3.6 miles, except for at intersections and railroad crossings. The centerline rumble strip will not be implemented on the aqueduct bridge. Alternative surface applied systems are being evaluated for this location, such as raised thermoplastic striping, pavement markers or double yellow no-passing lines. The centerline rumble strips will provide an audible warning and vibratory response to warn drivers when they are veering out of their respective travel lanes. In order to install the centerline rumble strips, the Project will grind a very shallow, narrow portion of the existing roadway. The grinding operations will not exceed the bottom of the existing roadway base section and therefore, native soil will not be disturbed. All existing regulatory and warning signs along the length of the Project will be upgraded to meet new retro-reflectivity standards. Up to ten sign posts may be replaced. All Project improvements will be located within the County's road right-of-way, with centerline work being done within the existing pavement. No pavement widening is proposed for this Project. The Project will maintain the existing drainage pattern and will not create new impervious areas. Appropriate Best Management Practices (BMPs) will be implemented. There will not be any impacts to utilities. No tree removal will be necessary. Although no permanent right-of-way acquisition is required, temporary construction easements may be needed in support of the Project. Traffic impacts (lane closures and traffic control) will be localized to the grinding operations for rumble strips, operations for centerline striping, and sign replacement operations. At least one lane will be open during construction activities. Emergency vehicles will have access at all times. The Project is a covered activity under the East Contra Costa County Habitat Conservation Plan/Natural Community Conservation Plan (HCP/NCCP) as a Rural Infrastructure Project. Although the Project will be constructed adjacent to a variety of fee paying land cover types, all work will occur within areas classified as Urban Land Cover Type. Lands mapped by the HCP/NCCP as Urban Land Cover Type are not subject to preparation of a Planning Survey Report or payment of HCP/NCCP mitigation fees.

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));
[X] Categorical Exemption: Class 1(c)
[ ] Other Statutory Exemption, Code No.:
[ ] General Rule of Applicability [Article 5, Section 15061 (b)(3)]

Reasons why project is exempt: The Project consists of maintenance of existing public facilities, involving negligible expansion of use beyond that previously existing, pursuant to Section 15301(c) of the CEQA guidelines.

Lead Agency Contact Person: Alex Nattkemper - Public Works Dept. Area Code/Telephone/Extension: (925) 313-2364

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: Department of Fish and Game Fees Due
Public Works Department
255 Glacier Drive
Martinez, CA 94553
Attn: Alex Nattkemper
Environmental Services Division
Phone: (925) 313-2364
[ ] EIR - \$3,078.25
[ ] Neg. Dec. - \$2,216.25
[ ] DeMinimis Findings - \$0
[X] County Clerk - \$50
[X] Conservation & Development - \$25
Total Due: \$75.00
Total Paid \$
Receipt #: