

PROJECT NUMBER: 7521-6D8465
CP# 16-14

PROJECT NAME: Marsh Creek Gap Closure Project

PREPARED BY: Alex Nattkemper *yo*

DATE: April 5, 2016

APPROVED BY: _____ *[Signature]*

DATE: 4-13-16

RECOMMENDATIONS:

- Categorical Exemption: 15304 [Class 4(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 filling of earth into previously excavated land with material compatible with the natural features of the site, pursuant to section 15304(c) of the CEQA guidelines.

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

USGS Quad Sheet: Brentwood	Base Map Sheet #: H-26	Parcel #: N/A
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GENERAL CONSIDERATIONS:

- Location:** The project is located at the end of Arches Court and Crater Lake Court within the Parkside Subdivision in the City of Oakley [Figures 1-7].
- Project Description:** The purpose of this project is to address the need for additional flood capacity at the Parklands Subdivision in the City of Oakley. Based on a hydrology model for Marsh Creek, there are flood protection deficiencies at this subdivision. Two gaps exist in the 3-foot floodwalls at the end of Arches Court and Crater Lake Court that would allow floodwaters from a 100-year storm to enter the subdivision. These gaps were left to create Emergency Vehicle Access (EVA) points from East Bay Regional Park District's (EBRPD) Marsh Creek Regional Trail, which runs parallel to Marsh Creek and the subdivision, but due to site constrictions, they cannot function as intended.

The project consists of removing the gates at the two EVA access points and installing hydroseeded earthen berms in order to address the flood capacity issues at these locations. The earthen berms will be installed with a 2:1 slope starting at the edge of the Marsh Creek Regional Trail and extending into the subdivision. Once the berms match the elevation of the floodwalls (approximately 3 feet high), they will transition into a level area and then slope downward to the existing back of the sidewalk. The level area will be approximately 4 feet in length for Arches Court and 9 feet in length for Crater Lake Court. The total compacted fill needed will be approximately 21 cubic yards for Arches Court and 29 cubic yards for Crater Lake Court. The City of Oakley may coordinate with the Contra Costa County Flood Control and Water Conservation District to install bollards within the new fill to prevent vehicular access across the berms. The earthen berms are not intended to serve as public access to the trail, thus Americans with Disabilities Act (ADA) compliance will not be needed. All work will be completed aboveground on the City of Oakley's right-of-way and will be well beyond Marsh Creek's top of bank. An encroachment permit from the City of Oakley will be needed for this project. There are no expected utility conflicts since all work will be conducted aboveground. There are no expected traffic impacts since work will occur within residential cul-de-sacs. General Plan Conformance may be necessary from the City of Oakley.

- Does it appear that any feature of the project will generate significant public concern?**
 Yes No maybe (Nature of concern):
- Will the project require approval or permits by other than a County agency?**
 Yes No Encroachment permit from the City of Oakley
- Is the project within the Sphere of Influence of any city?** Yes, the City of Oakley

Marsh Creek Gap Closure Project

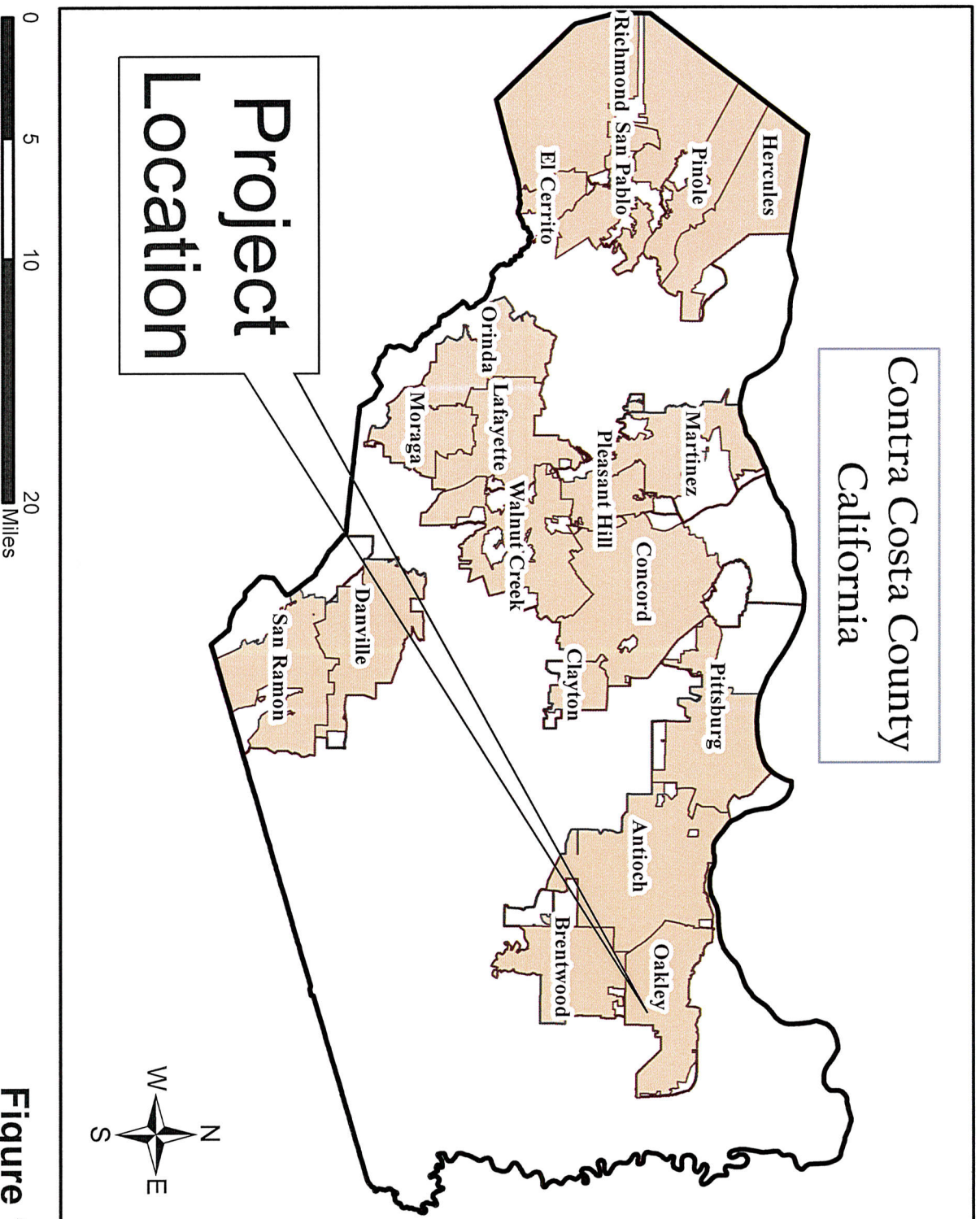


Figure 1

Marsh Creek Gap Closure Project

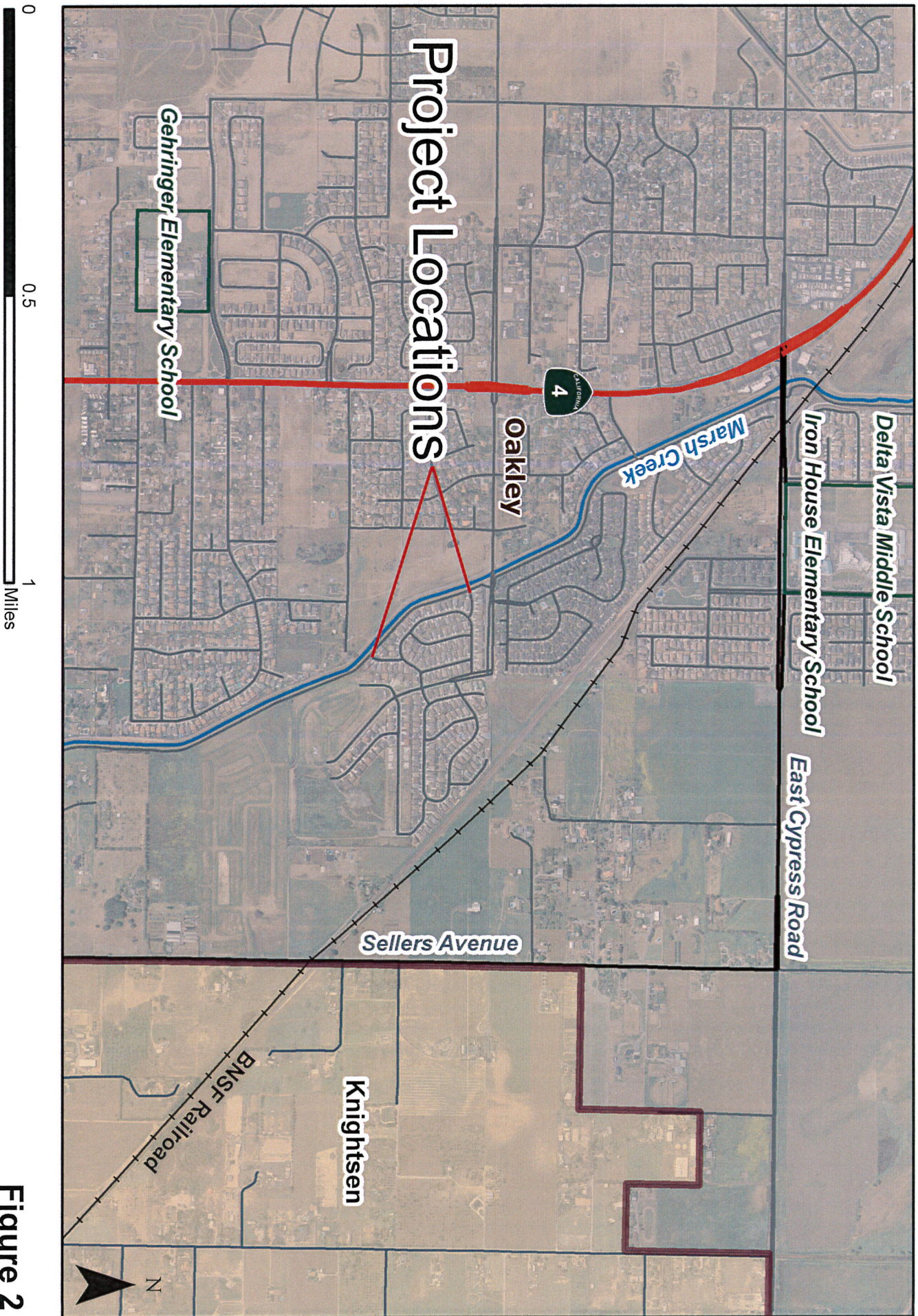


Figure 2

Marsh Creek Gap Closure Project

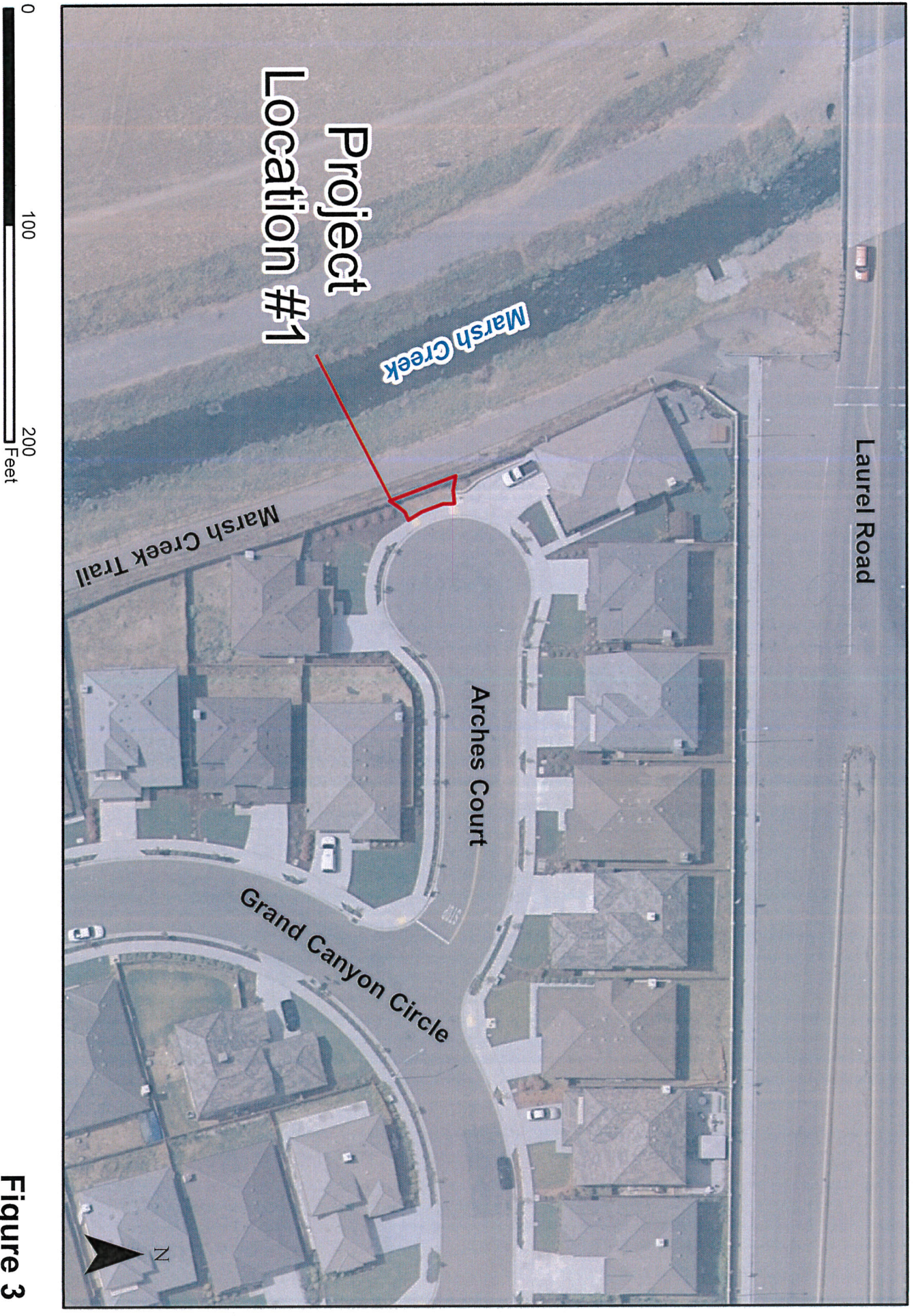


Figure 3

Marsh Creek Gap Closure Project



Figure 4

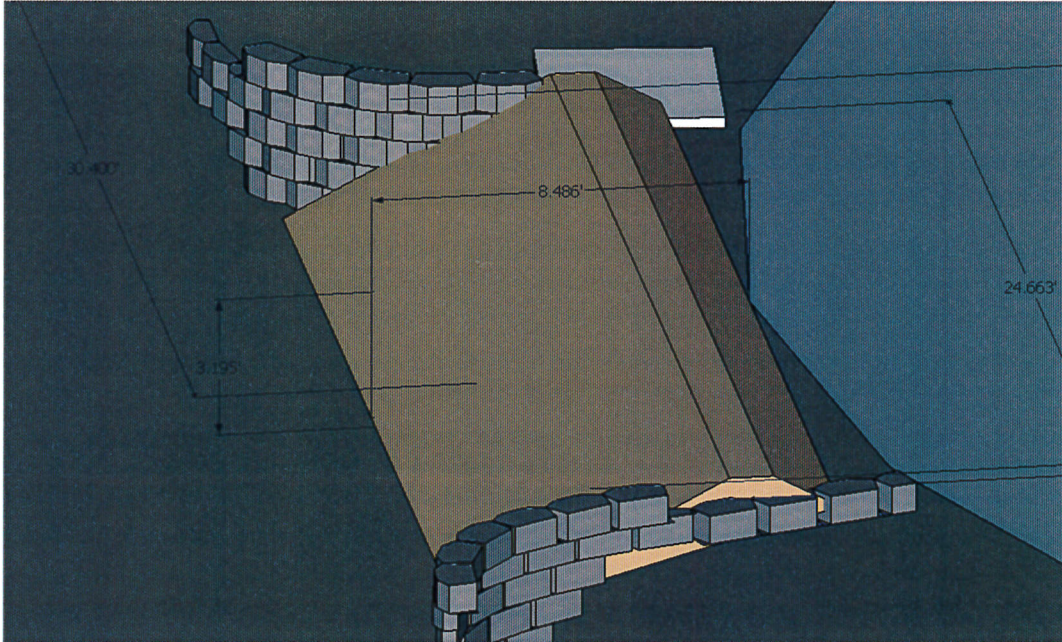


Figure 5. Earthen Berm (Isometric View)



Figure 6. Earthen Berm (Plan View)

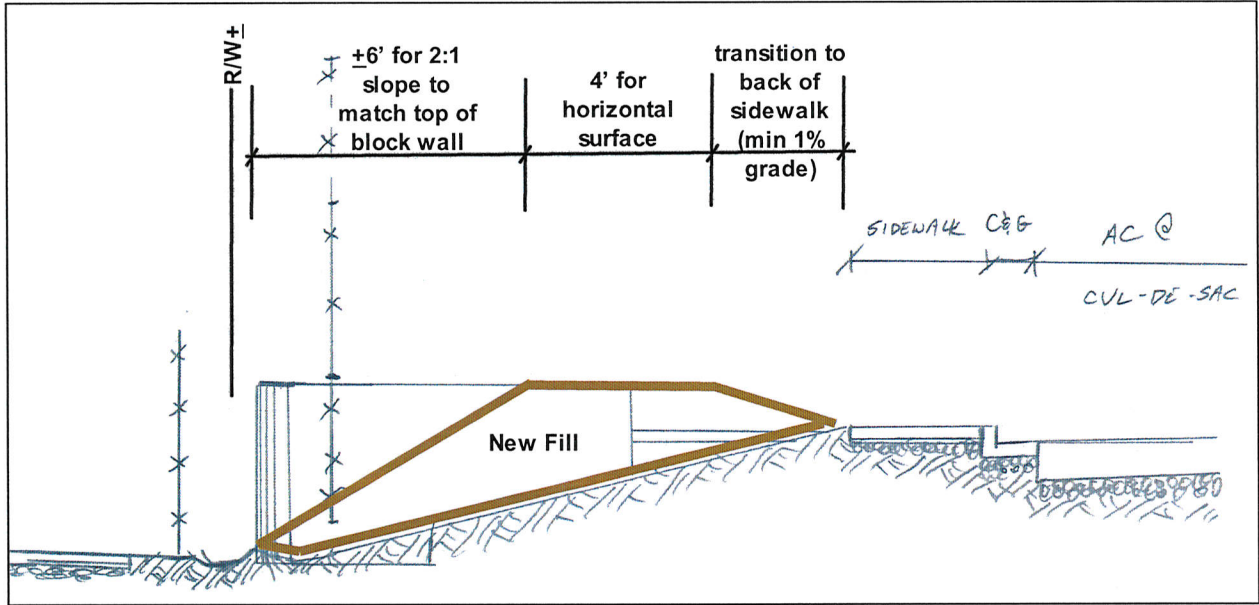


Figure 7. Sketch of Earthen Berm (Profile View)

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: **Marsh Creek Gap Closure Project**
Project No. 7521-6D8465, CP# 16-14

Project Applicant: **Contra Costa County Flood Control and Water Conservation District**

Project Location – **Specific:** At the end of Arches Court and Crater Lake Court

Project Location: City of Oakley

Project Location – County: **Contra Costa**

Description of Nature, Purpose and Beneficiaries of Project: The purpose of this project is to address the need for additional flood capacity at the Parklands Subdivision in the City of Oakley. Based on a hydrology model for Marsh Creek, there are flood protection deficiencies at this subdivision. Two gaps exist in the 3-foot floodwalls at the end of Arches Court and Crater Lake Court that would allow floodwaters from a 100-year storm to enter the subdivision. These gaps were left to create Emergency Vehicle Access (EVA) points from East Bay Regional Park District's (EBRPD) Marsh Creek Regional Trail, which runs parallel to Marsh Creek and the subdivision, but due to site constrictions, they cannot function as intended. The project consists of removing the gates at the two EVA access points and installing hydroseeded earthen berms in order to address the flood capacity issues at these locations. The earthen berms will be installed with a 2:1 slope starting at the edge of the Marsh Creek Regional Trail and extending into the subdivision. Once the berms match the elevation of the floodwalls (approximately 3 feet high), they will transition into a level area and then slope downward to the existing back of the sidewalk. The level area will be approximately 4 feet in length for Arches Court and 9 feet in length for Crater Lake Court. The total compacted fill needed will be approximately 21 cubic yards for Arches Court and 29 cubic yards for Crater Lake Court. The City of Oakley may coordinate with the Contra Costa County Flood Control and Water Conservation District to install bollards within the new fill to prevent vehicular access across the berms. The earthen berms are not intended to serve as public access to the trail, thus Americans with Disabilities Act (ADA) compliance will not be needed. All work will be completed aboveground on the City of Oakley's right-of-way and will be well beyond Marsh Creek's top of bank. An encroachment permit from the City of Oakley will be needed for this project. There are no expected utility conflicts since all work will be conducted aboveground. There are no expected traffic impacts since work will occur within residential cul-de-sacs. General Plan Conformance may be necessary from the City of Oakley.

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: Class 4(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 filling of earth into previously excavated land with material compatible with the natural features of the site, pursuant to section 15304(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:

Public Works Department
255 Glacier Drive
Martinez, CA 94553
Attn: Alex Nattkemper
Environmental Services Division
Phone: (925) 313-2364

Department of Fish and Game Fees Due

- EIR - \$3,070.⁰⁰
 Neg. Dec. - \$2,210.²⁵
 DeMinimis Findings - \$0
 County Clerk - \$50
 Conservation & Development - \$25

Total Due: \$ **75.⁰⁰**

Total Paid \$ _____

Receipt #: _____