

**SUBMITTAL TO THE FLOOD CONTROL AND  
WATER CONSERVATION DISTRICT BOARD  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

8163



**FROM:** General Manager-Chief Engineer

**SUBMITTAL DATE:**  
September 13, 2011

**SUBJECT:** Homeland MDP Line 2, Stage 2  
Project No. 4-0-00337-02

**RECOMMENDED MOTION:**

1. Consider the attached Addendum with the Homeland Master Drainage Plan (Revision No. 1), Romoland Master Drainage Plan (Revision No. 1), Homeland/Romoland Area Drainage Plan (Amendment No. 1) Final Environmental Impact Report (FEIR);
2. Approve the Project Final Design and authorize the District to proceed therewith; and
3. Direct the Clerk of the Board to file the Notice of Determination.

**BACKGROUND:**

See Page 2.

**FINANCIAL:**

**WARREN D. WILLIAMS**  
General Manager-Chief Engineer

**FINANCIAL  
DATA**

Current F.Y. District Cost:	N/A	In Current Year Budget:	N/A
Current F.Y. County Cost:	N/A	Budget Adjustment:	N/A
Annual Net District Cost:	N/A	For Fiscal Year:	N/A

**SOURCE OF FUNDS:** N/A

**Positions To Be  
Deleted Per A-30**

☐

**Requires 4/5 Vote**

☐

**C.E.O. RECOMMENDATION:**

APPROVE

BY:

**County Executive Office Signature**

Michael R. Shetler

☐ Policy

☐ Consent

Dep't Recomm.:

☐ Policy

☐ Consent

Per Exec. Ofc.:

**Prev. Agn. Ref.:**

**District:** 5<sup>th</sup>

**Agenda Number:**

**11.3**

FORM APPROVED COUNTY COUNSEL  
BY: DATE: 9/13/11  
TIFFANY N. NORTH

**FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD SUBMITTAL  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

**SUBJECT:** Homeland MDP Line 2, Stage 2  
Project No. 4-0-00337-02

**SUBMITTAL DATE:** September 13, 2011  
**Page 2**

**BACKGROUND:**

The proposed project consists of the construction and maintenance of Homeland MDP Line 2, Stage 2, an underground storm drain system located within the unincorporated Homeland area of Riverside County, California.

Pursuant to the California Environmental Quality Act (CEQA), the District's Board of Supervisors (Board) certified the Homeland Master Drainage Plan (Revision No. 1), Romoland Master Drainage Plan (Revision No. 1), Homeland/Romoland Area Drainage Plan (Amendment No. 1) Final Environmental Impact Report (FEIR) on March 28, 2006. When the Board certified the FEIR they also adopted the Mitigation Measure Summary, Mitigation Monitoring/Reporting Program, CEQA Findings and a Statement of Overriding Considerations. The FEIR addressed impacts as a result of the Homeland MDP Line 2 system at a programmatic level and required the District to conduct additional analysis prior to construction. District staff has completed the required analysis and made the determination that none of the conditions described in Section 15162 of the CEQA calling for the preparation of a subsequent EIR have occurred. Therefore, an Addendum has been prepared pursuant to Section 15164 of the CEQA Guidelines.

The proposed project is not within the Criteria Area or Public/Quasi-Public (P/QP) set forth in and established by the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). The proposed project site does not meet the MSHCP definition of riparian/riverine areas or vernal pools. In addition, the proposed project lacks suitable habitat for the species listed in Section 6.1.2 of the MSHCP. Therefore, no analysis or survey is required. The proposed project is not located within a mapped survey area for the Narrow Endemic Plant Species. Therefore, no habitat assessment or survey is required under Section 6.1.3 of the MSHCP. The proposed project is not located within a mapped survey area for plant, amphibian, mammal species or Burrowing Owls. Therefore, no habitat assessment or survey is required under Section 6.3.2 of the MSHCP.

**Riverside County Flood Control  
and Water Conservation District**

**Riverside, California**

**DRAFT**

**CEQA  
INITIAL STUDY  
AND  
ADDENDUM**

**TO THE  
HOMELAND/ROMOLAND MDP  
FINAL EIR**

**HOMELAND MDP LINE 2, STAGE 2**

**ZONE 4**

**September 2011**

**WARREN D. WILLIAMS  
General Manager-Chief Engineer**

**Riverside County Flood Control  
and Water Conservation District**

**Addendum to the  
Homeland Master Drainage Plan (Revision No. 1),  
Romoland Master Drainage Plan (Revision No. 1),  
Homeland/Romoland Area Drainage Plan (Revision No. 1)  
Final Environmental Impact Report**

**Homeland MDP Line 2, Stage 2**

**SCH # 2003111131**

Final EIR Certification Date: March 28, 2006

Addendum Acceptance Date: September 13, 2011

**Introduction**

This Addendum has been considered by the Riverside County Flood Control and Water Conservation District (District) Board of Supervisors to address minor changes and the addition of new information to the *Homeland Master Drainage Plan (Revision No. 1)*, *Romoland Master Drainage Plan (Revision No. 1)*, *Homeland/Romoland Area Drainage Plan (Revision No. 1) Final Environmental Impact Report* (Final EIR) for the proposed Homeland MDP Line 2, Stage 2 project (Stage 2). The Final EIR is a Programmatic EIR for Stage 2.

Stage 2 follows the Homeland MDP Line 2 system mainline alignment as evaluated in the Final EIR and includes the construction and subsequent maintenance of an underground storm drain system comprised of approximately 750 lineal feet of 45-inch diameter reinforced concrete pipe (RCP) and minor appurtenances (i.e. connector pipes and catch basins) within street rights-of-way. Stage 2 begins at the existing interim basin located at the intersection of Guthridge Lane and Wakefield Avenue, continues east on Wakefield Avenue and ends at the intersection of Wakefield Avenue and Ritter Avenue. See attached Exhibit A.

**Changes and Additions**

The Homeland MDP Revision No. 1 shows the Line 2 system providing 10-year flood protection. However, due to capacity constraints of the existing downstream system, Stage 2 was downsized and will provide less than 10-year flood protection.

Prior to construction of Stage 2, additional information is required for impacts that could not be fully addressed in the Final EIR to ensure that no additional mitigation measures are required. Specific details regarding the staging of future Homeland MDP facilities (including Stage 2) were unknown at the time the Final EIR was prepared, and Air Quality Analysis and Hazardous Materials analyses could not be completed. Mitigation measures included in the Final EIR required the District to conduct an Air Quality and Hazardous Materials Analysis for Stage 2. Also, the District evaluated greenhouse gas impacts as part of a recent CEQA update.

### ***Environmental Impacts***

*Since construction and maintenance of Stage 2 was evaluated at a programmatic level by the Final EIR, the District prepared a Draft Initial Study checklist per State CEQA Guidelines Section 15168 to determine whether environmental impacts by Stage 2 were adequately covered under the Final EIR. The Draft IS concluded that the impacts from minor changes and additional information would result in impacts comparable to or less than those addressed in the Final EIR and no new mitigation measures would be required.*

### ***State CEQA Guidelines Criteria for an Addendum***

*Per Section 15164(a) of the State CEQA Guidelines, "The lead agency or a responsible agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary but none of the conditions described in Section 15162 calling for preparation of a subsequent EIR have occurred." The change and additional impacts analyzed for the proposed project are considered minor and a Subsequent EIR is not necessary because:*

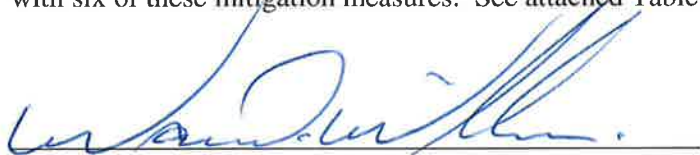
- No substantial changes have been proposed "due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects" (State CEQA Guidelines, Section 15162(a)(1)). Stage 2 follows the alignment as evaluated in the Final EIR. Impacts will be less than or comparable to those evaluated in the Final EIR. Therefore, there will be no new significant effects or an increase in a previously identified significant effect.*
- No substantial changes have occurred "with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR... due to the involvement of new significant environmental effects of a substantial increase in the severity of previously identified significant effects" (Section 15162(a)(2)). As mentioned above, Stage 2 impacts will be less than or comparable to those evaluated in the Final EIR. Circumstances under which Stage 2 is undertaken will also be comparable to those evaluated in the Final EIR. Therefore, no substantial changes have occurred which will require major revisions of the previous EIR.*
- No new information of substantial importance that was previously unknown shows that "[t]he project will have one or more significant effects not discussed in the previous EIR" (Section 15162(a)(3)(A)). No new information has come to light that would suggest that the proposed project would have previously undisclosed significant effects on the environment. The air quality, hazardous materials and greenhouse gas analysis conducted as part of the IS did not result in significant effects.*
- No new information of substantial importance that was previously unknown shows that "[s]ignificant effects previously examined will be substantially more severe than shown in the previous EIR" (Section 15162(a)(3)(B)). As discussed above, Stage 2 will not have substantially more severe impacts than were disclosed in the Final EIR.*
- No new information of substantial importance that was previously unknown shows that "[m]itigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative" (Section 15162(a)(3)(C)). As discussed above, Stage 2 will not result in new significant impacts and would not require modifying previously adopted mitigation measures.*
- No new information of substantial importance that was previously unknown shows that "[m]itigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effect on the environment, but the project proponents decline to adopt the mitigation measure or alternative" (Section 15162(a)(3)(D)). As discussed above Stage 2 will not require modifying previously adopted mitigation measures.*

In addition, per Section 15168(c)(2) of the *State CEQA Guidelines*, "If the agency finds that pursuant to Section 15162, no new effects could occur or no new mitigation measures would be required, the agency can approve the activity as being within the scope covered by the program EIR, and no new environmental document would be required."

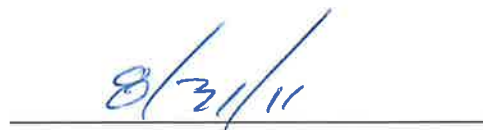
***CLOSING***

With the adoption of this Addendum, the Final EIR is modified to reflect the modification and additional information as discussed above.

The certified Final EIR included mitigation measures that addressed potential adverse impacts to air quality and cultural resources that are applicable to this project. The proposed project will be required to comply with six of these mitigation measures. See attached Table 1.



Signature



Date

Warren D. Williams, General Manager-Chief Engineer

P8\136852

**RIVERSIDE COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT**

**Table 1  
PROJECT FEATURES & ENVIRONMENTAL COMMITMENTS  
MONITORING PROGRAM TABLE**

**For  
HOMELAND MDP LINE 2, STAGE 2**

<b>Issue</b>	<b>Potential Impact</b>	<b>Project Feature, Environmental Commitment, Avoidance, Minimization, and/or Mitigation Measures</b>	<b>Action</b>	<b>Implementation Responsibility</b>	<b>Governing Agency</b>	<b>Implementation Timing</b>
<b>Air Quality</b>	Violate any ambient air quality standard or contribute substantially to an existing or projected air quality violation.	<b>MM Air 1:</b> Mobile construction equipment will be properly maintained, which includes proper tuning and timing of engines. Construction contractors will keep equipment maintenance records and equipment design specification data sheets onsite during construction and turn in the records to the District.	Require contractor to ensure construction equipment is properly maintained.	Riverside County Flood Control and Water Conservation District (District) or Designee	N/A	Construction start to completion
<b>Air Quality</b>	Violate any ambient air quality standard or contribute substantially to an existing or projected air quality violation.	<b>MM Air 2:</b> Temporary traffic control (e.g., flag person) will be provided during soil transport activities. Contractors shall be advised not to idle trucks onsite for more than ten minutes.	Require contractor not to idle trucks onsite for more than ten minutes.	District or designee	N/A	Construction start to completion
<b>Air Quality</b>	Result in a cumulatively considerable increase in a criteria pollutant under non-attainment.	<b>MM Air 3:</b> In order to control dust emissions, any grading activities shall comply with the SCAQMD Rule 403 or any amendments thereto. Any applicable Rule 403 dust control measures shall be implemented. A log of all implemented dust control measures shall be maintained onsite during construction and be subject to review and approval by the District. If any construction phases meet the Rule 403 definition of "Large Operations", a dust control plan shall be prepared, submitted to the SCAQMD, and implemented.	Require the contractor to control fugitive dust in accordance with applicable provisions of AQMD Rule 403.	District or designee	South Coast Air Quality Management District (SCAQMD)	Construction start to completion
<b>Cultural Resources</b>	Cause a substantial adverse change in the significance of an archaeological resource or a historical resource.	<b>MM Cul 2:</b> Should any unknown cultural and/or archaeological resources be uncovered during construction, construction activities shall be temporarily diverted to other parts of the project area away from the find until a qualified archaeologist determines the significance	If buried cultural resources are uncovered, cease excavation near the find and retain a qualified archaeologist and/or historical resources specialist.	District or Designee	N/A	Construction start to completion

Issue	Potential Impact	Project Feature, Environmental Commitment, Avoidance, Minimization, and/or Mitigation Measures	Action	Implementation Responsibility	Governing Agency	Implementation Timing
		of these resources. If the find is determined to be a historical or unique archaeological resource, as defined in Section 15064.5 of the CEQA Guidelines, avoidance or other conservation measures as recommended by a qualified archaeologist shall be implemented.				
<b>Cultural Resources</b>	Destroy a unique paleontological resource or site, or unique geologic feature.	<b>MM Cul 3:</b> If fossil bearing soils are encountered and impacted by extensive/deep excavations and/or fossils are identified during any excavations, a qualified paleontologist shall be contacted and permitted to recover and evaluate the find(s). The paleontologist will be required to place any collected fossils in an accredited scientific institution for the benefit of current and future generations.	If buried paleontological resources are uncovered, cease excavation near the find and retain a qualified paleontological resources specialist.	District or designee	N/A	Construction start to completion
<b>Cultural Resources</b>	Cause a substantial adverse change in the significance of an archaeological resource or a historical resource.	<b>MM Cul 4:</b> Although the project is not expected to impact human remains, if human remains are uncovered at any time, the County Coroner shall be notified and all activities in the area of the find shall be halted. If the Coroner determines that the remains are of Native American origin, the remains are of Native American Commission shall be notified and consultation with local Native American representatives shall be initiated to determine the disposition of the remains in accordance with State and County guidelines.	If human remains are uncovered, cease excavation near the find and contact the Riverside County Coroner.	District or designee	County Coroner	Construction start to completion



**RIVERSIDE COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT**  
**California Environmental Quality Act (CEQA)**  
**Initial Study**

1. **Project title:** Homeland MDP Line 2, Stage 2
2. **Lead agency name and address:** Riverside County Flood Control  
and Water Conservation District  
1995 Market Street  
Riverside, CA 92501
3. **Contact person email address and phone number:** Art Diaz  
[aadiaz@rcflood.org](mailto:aadiaz@rcflood.org)  
951.955.1233

4. **Project location:**

The proposed project is located within the unincorporated Homeland area of Riverside County. The project area is generally bounded by Pinacate Road to the north, McWade Avenue to the south, Ritter Avenue to the east, and Homeland Avenue to the west. The proposed project may be found within Township 5 South, Range 2 West, Section 17 of the Winchester, California 7.5 Minute USGS Quad Sheet.

5. **Project sponsor's name and address:** N/A

6. **General plan designation:**

The proposed project site is located within the Harvest Valley/Winchester Area Plan of the Riverside County General Plan. The land use designation within the project and its immediate adjacent area is Low Density Residential and Commercial Retail.

7. **Description of project:** *(Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or offsite features necessary for its implementation. Attach additional sheets if necessary.)*

The Riverside County Flood Control and Water Conservation District (District) proposes to construct, operate and maintain an underground storm drain (Project) comprised of approximately 750 lineal feet of 45-inch diameter reinforced concrete pipe (RCP) and minor appurtenances (i.e. connector pipes and catch basins) within street rights-of-way. The Project alignment begins at the existing basin located at the intersection of Guthridge Lane and Wakefield Avenue and will continue east on Wakefield Avenue and end at the intersection of Wakefield Avenue and Ritter Avenue. The Project will alleviate local flooding issues. However, due to constraints of the existing downstream system, it will not provide 10-year flood protection. The Project is a part of the Homeland MDP Line 2 system which is included in a previous EIR as discussed below.

8. **Surrounding land uses and setting:** *(Briefly describe the project's surroundings)*

The Project site is located within the Homeland area which is to the east of Romoland and surrounded by Lakeview Mountains to the north and Double Butte to the south. The project surroundings consist of mainly single family homes and mobile homes.

9. **Other public agencies whose approval is required:** *(e.g., permits, financing approval, or participation agreement.)*

Federal Agencies *(not "public agencies" as defined by CEQA or required to take a CEQA action)*

None

State Agencies

None

City/County Agencies

Riverside County Transportation Department: Approval of construction activities within County maintained road right-of-way will be needed.

Financing Approval or Participation Agreements

N/A

10. **Earlier Analyses Used:**

When tiering is used, the later EIR or Negative Declaration shall refer to the prior EIR and state where a copy may be examined. The later EIR or Negative Declaration should also state that the lead agency is using the tiering concept and that it is being tiered with the earlier EIR **[CEQA Guidelines 15152(g)]**.

This Initial Study (IS) prepared for the Project will be referring to the previously certified Homeland Master Drainage Plan (Revision No. 1), Romoland Master Drainage Plan (Revision No. 1), Homeland/Romoland Area Drainage Plan (Amendment No. 1) (State Clearinghouse No. 2003111131) EIR (FEIR). The FEIR is a project EIR for the Homeland/Romoland Line A/Line 1 system, and a program EIR for future MDP facilities (including the Project). The FEIR was certified by the District's Board of Supervisors (Board) on March 28, 2006. When the Board certified the FEIR they also adopted the Mitigation Measure Summary, Mitigation Monitoring/Reporting Program, CEQA Findings and a Statement of Overriding Considerations in regard to the potentially significant adverse impacts associated with the Homeland/Romoland MDP's. The District will be using the tiering concept for the proposed project and will be tiering with the FEIR.

The FEIR is available for public review at the Riverside County Flood Control and Water Conservation District, 1995 Market Street, Riverside, CA 92501.

Impacts Adequately Addressed in Earlier Analyses:

When the Lead Agency carries out a subsequent activity under a program EIR, the agency must examine the activity to determine whether new impacts could occur, or new mitigations measures would be required **[CEQA Guidelines 15162]**. To complete this analysis, the agency must use a written checklist such as an Initial Study to document the evaluation of the Project **[CEQA Guidelines 15168(c) (4)]**. If after this analysis the agency determines that no new impacts would occur, or no new mitigation measures would be required, then the agency can approve the activity as being within the scope of the project covered by the program EIR and no new environmental documents would be required **[CEQA Guidelines 15168(c)(2)]**.

The Project was included in the FEIR and the following impacts were determined to result in less than significant impacts: Aesthetics, Geology/Soils, Hydrology and Water Quality, Land Use/Planning, Mineral Resources, Noise, Public Services, Recreation, Transportation/Traffic and Utilities/Service Systems. The following impacts were determined to result in less than significant impacts in the FEIR with adopted mitigation measures: Air Quality, Biological Resources, Cultural Resources, and Hazards and Materials.

Impacts to Agricultural Resources and Population and Housing as a result of the Homeland/Romoland MDPs were determined to have a potentially significant impact in the FEIR. Since portions of the Homeland/Romoland MDP's future facilities alignments traverse existing farmland, infrastructure would be provided which would result in a potential conversion of existing farmland to residential and a potential growth in population. In the FEIR discussion no feasible mitigation measures could be found to reduce these impacts to a less than significant effect. Therefore, the Board adopted a Statement of Overriding Considerations in regard to the potentially significant adverse impacts to Agricultural Resources and Population and Housing. The Project site is zoned Low Density Residential and is located within an existing residential area. Impacts to Agricultural Resources and Population and Housing as a result of the Project are addressed in the IS and Final EIR.

Impacts to Aesthetics, Biological Resources, Cultural Resources, Geology/Soils, Hydrology and Water Quality, Land Use/Planning, Mineral Resources, Noise, Public Services, Recreation, Transportation/Traffic and Utilities/Service Systems were adequately addressed in the FEIR. The IS addresses potential impacts to Air Quality, and Hazards and Hazardous Materials in more detail. The IS also addresses additional potential impacts based on the latest version of the CEQA Initial Study Checklist.

#### Mitigation Measures from Earlier Analysis:

The Project will not implement mitigation measures, MM Bio 1, MM Bio 2, MM Bio 3, MM Bio 4, and MM Cul 1 because they are not applicable to the Project. MM Bio 1 is applicable only to areas marked "Portions of project alignment that require a burrowing owl pre-construction survey" on the Burrowing Owl Pre-Construction Survey Areas Map [FEIR Appendix C, Figure 10]. MM Bio 2, MM Bio 3, and MM Bio 4 are only applicable to Line A, Line A-15, Briggs Road Basin, Line 4, Juniper Flats Basin and Mapes Basin. MM Cul 1 is only applicable to Mapes and Melba Basins. MM Air 4 and MM Haz 1 are addressed in the IS analysis. The Project will implement the remaining mitigation measures.

## **11. Conclusion of Analysis:**

As stated above, if the lead agency finds pursuant to 15162, no new effects could occur, or no new mitigation measures would be required, the agency can approve the activity (Project) as being within the scope of the project covered by the Program EIR and no new environmental documents would be required.

As demonstrated in the attached Initial Study, the Project will not require revisions of the FEIR due to new significant effects; does not include new information which will have one or more significant effects; does not include an increase of previously identified significant effects; and does not require new mitigation measures [CEQA Guidelines Section 15162]. Although additional issues were addressed based on the latest version of the CEQA Initial Study Checklist, the Project did not result in potentially significant impacts related to these issues. Therefore, a subsequent EIR or negative declaration is not required, and pursuant to CEQA Guidelines Section 15168(c) (2) the Project is within the scope of the FEIR and no further environmental document is required.

## **ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:**

The environmental factors, as checked below, would potentially be affected by this project.

<input checked="" type="checkbox"/> Aesthetics	<input checked="" type="checkbox"/> Mineral Resources
<input type="checkbox"/> Agriculture Resources	<input checked="" type="checkbox"/> Noise
<input checked="" type="checkbox"/> Air Quality and Greenhouse Gas Emissions	<input type="checkbox"/> Population/Housing
<input type="checkbox"/> Biological Resources	<input type="checkbox"/> Public Services
<input checked="" type="checkbox"/> Cultural Resources	<input type="checkbox"/> Recreation
<input checked="" type="checkbox"/> Geology/Soils	<input checked="" type="checkbox"/> Transportation/Traffic
<input checked="" type="checkbox"/> Hazards & Hazardous Materials	<input type="checkbox"/> Utilities/Service Systems
<input checked="" type="checkbox"/> Hydrology/Water Quality	<input checked="" type="checkbox"/> Mandatory Findings of Significance
<input checked="" type="checkbox"/> Land Use/Planning	

### Evaluation of Environmental Impacts:

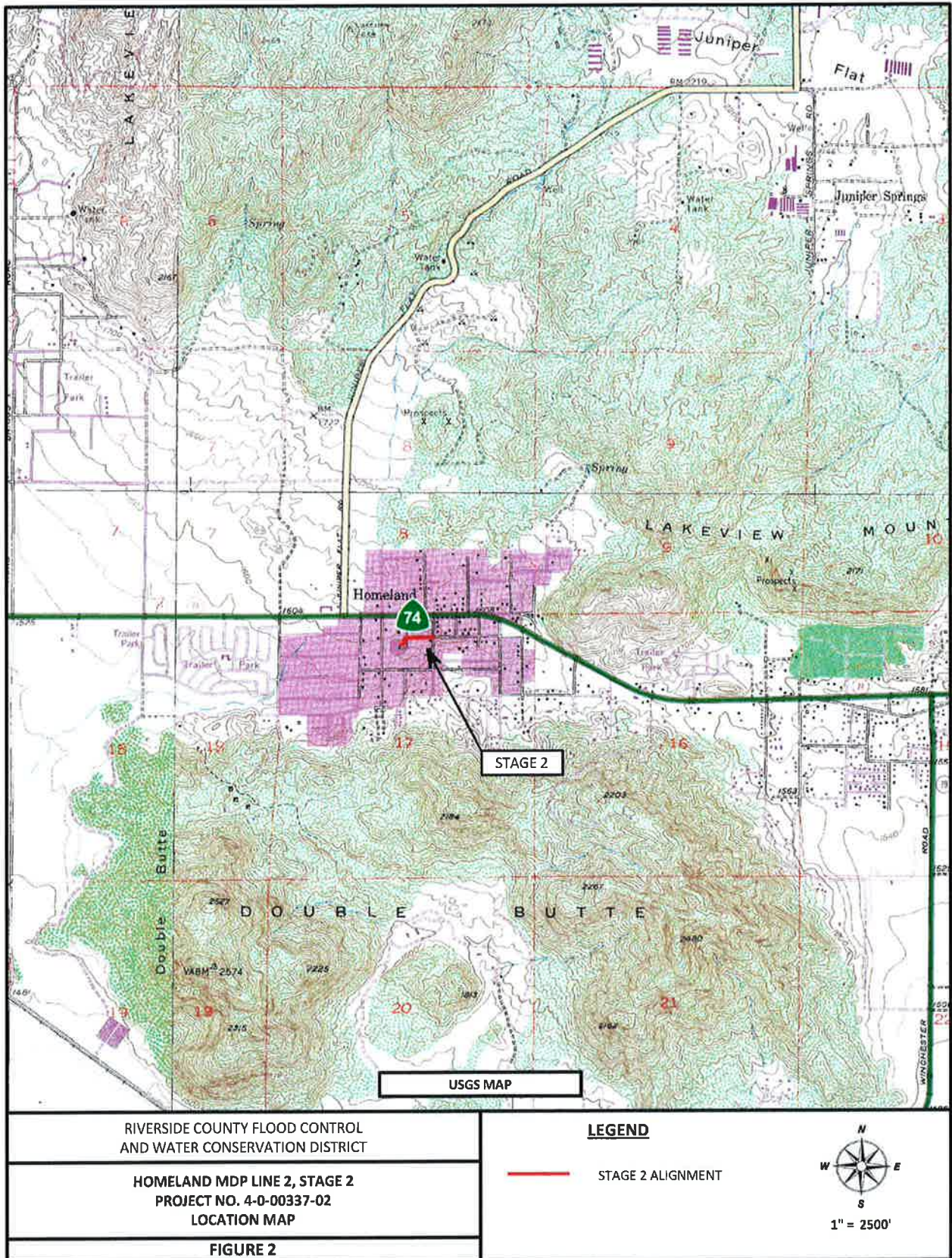
1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (*e.g., the project falls outside a fault rupture zone*). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (*e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis*).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
4. "Negative Declaration: No Impact or Less Than Significant" applies when the proposed project will not have a significant effect on the environment, does not require the incorporation of mitigation measures, and does not require the preparation of an Environmental Impact Report. The lead agency must briefly describe the reasons that a proposed project will not have significant effect on the environment and does not require the preparation of an environmental impact report.
5. "Mitigated Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced any effect from "Potentially Significant Impact" to a "Less Than Significant Impact". The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analyses", as described in (5) below, may be cross-referenced).

6. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. (CEQA Guidelines Section 15063(c)(3)(D)). The use of an earlier analysis as a reference should include a brief discussion that identifies the following:
  - a. Earlier Analysis Used. Identify and state where they are available for review.
  - b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c. Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated", describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
7. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (*e.g., general plans, zoning ordinances*). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
8. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
9. The explanation of each issue should identify:
  - a. The significance criteria or threshold, if any, used to evaluate each question; and
  - b. The mitigation measure identified, if any, to reduce the impact to less than significance.









**I. AESTHETICS.** Would the project:

- |    |  |                          |                          |                                     |                                     |
|----|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) | Have a substantial adverse effect on a scenic vista?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| b) | Substantially damage scenic resources, including, but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) | Substantially degrade the existing visual character or quality of the site and its surroundings?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d) | Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**II. AGRICULTURAL & FOREST RESOURCES.** In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:

- |    |   |                          |                          |                                     |                                     |
|----|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) | Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) | Conflict with existing agricultural zoning, agricultural use or land subject to a Williamson Act contract or land within a Riverside County Agricultural Preserve?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) | Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d) | Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| e) | Result in the loss of forest land or conversion of forest land to non-forest use?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**III. AIR QUALITY AND GREENHOUSE GAS EMISSIONS.** Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

- |    |  |                          |                          |                                     |                          |
|----|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a) | Conflict with or obstruct implementation of the applicable air quality plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|----|--|--------------------------|--------------------------|-------------------------------------|--------------------------|



		Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
b)	Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c)	Result in cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard ( <i>including releasing emissions which exceed quantitative thresholds for ozone precursors</i> )?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d)	Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e)	Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f)	Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g)	Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**IV. BIOLOGICAL RESOURCES.** Would the project:

- |    |   |                          |                          |                                     |                                     |
|----|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) | Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) | Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| c) | Have a substantial adverse effect on biological resources involved within a jurisdictional water feature as defined by federal, state or local regulations (e.g., Section 404 of the Clean Water Act, Section 401 of the Clean Water Act, Section 1602 of California Fish and Game Code, Porter-Cologne Water Quality Control Act, etc.) through direct removal, filing, hydrological interruption, or other means? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| d) | Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| e) | Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

		Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
f)	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**V. CULTURAL RESOURCES.** Would the project:

- |    |  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|----|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a) | Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?    | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) | Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) | Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?       | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) | Disturb any human remains, including those interred outside of formal cemeteries?                          | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**VI. GEOLOGY AND SOILS.** Would the project:

- |      |   |                          |                          |                                     |                          |
|------|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a)   | Expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving:  |                          |                          |                                     |                          |
| i)   | Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a Known fault? Refer to Division of Mines and Geology Special Publication 42. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| ii)  | Strong seismic ground shaking?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| iii) | Seismic-related ground failure, including liquefaction?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| iv)  | Landslides or mudflows?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b)   | Result in substantial changes in topography, unstable soil conditions from excavation, grading or fill, or soil erosion or the loss of topsoil?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c)   | Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d)   | Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994 or most current edition), creating substantial risks to life or property?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

		Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
e)	Have soils incapable of adequately supporting any structures, fill or other improvements associated with the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**VII. HAZARDS AND HAZARDOUS MATERIALS.** Would the project:

- |    |  |                          |                          |                                     |                                     |
|----|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) | Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| b) | Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| c) | Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d) | Be located on a site, which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| e) | For a project located within an airport land use plan, or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| f) | For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| g) | Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| h) | Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

**VIII. HYDROLOGY AND WATER QUALITY.** Would the project:

- |    |  |                          |                          |                                     |                          |
|----|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a) | Violate or conflict with any adopted water quality standards or waste discharge requirements?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) | Result in substantial discharges of typical stormwater pollutants ( <i>e.g. sediment from construction activities, hydrocarbons, and metals from motor vehicles, nutrients and pesticides from landscape maintenance activities, metals of other pollutants from industrial operation,</i> ) or substantial changes to surface water quality including, but not limited to, temperature, dissolved oxygen, pH, or turbidity? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

		Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
c)	Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level ( <i>e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted</i> )?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d)	Substantially alter the existing drainage pattern of the site or area, including through the alteration of a watercourse or wetland, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e)	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f)	Create or contribute runoff water, which would exceed the capacity of existing or planned stormwater drainage systems?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g)	Place housing within a 100-year flood hazard area as mapped on Federal Flood Hazard boundary of Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h)	Place structures or fill within a 100-year flood hazard area, which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i)	Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j)	Expose people or structures to a significant risk of loss, injury or death involving inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**IX. LAND USE PLANNING.** Would the project:

- |    |  |                          |                          |                                     |                                     |
|----|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) | Physically divide an established community?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) | Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

**X. MINERAL RESOURCES.** Would the project:

- |    |   |                          |                          |                                     |                          |
|----|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a) | Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|----|---|--------------------------|--------------------------|-------------------------------------|--------------------------|

		Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
b)	Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**XI. NOISE.** Would the project result in:

- |    |  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
|----|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) | Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| b) | Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| c) | A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d) | A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| e) | For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| f) | For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**XII. POPULATION AND HOUSING.** Would the project:

- |    |   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) | Induce substantial population growth in an area, either directly ( <i>for example, by proposing new homes and businesses</i> ) or indirectly ( <i>for example, through extension of roads or other infrastructure</i> ) resulting in substantial adverse physical impacts or conflicts with the adopted general plan, specific plan, or other applicable land use or regional plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) | Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) | Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**XIII. PUBLIC SERVICES**

- a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services:

	Potential Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### XIV. RECREATION

- |    |   |                          |                          |                          |                                     |
|----|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) | Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) | Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

#### XV. TRANSPORTATION AND TRAFFIC. Would the project:

- |    |   |                          |                          |                                     |                                     |
|----|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) | Conflict with an adopted plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| b) | Conflict with an adopted congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the appropriate congestion management agency for designated roads or highways?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| c) | Substantially increase hazards due to a design feature ( <i>e.g., sharp curves or dangerous intersections</i> ) or incompatible uses ( <i>e.g., farm equipment</i> )?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d) | Would the project result in inadequate emergency access?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| e) | Would the project result in inadequate parking capacity?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| f) | Conflict with adopted policies, plans, or programs regarding public transit, bicycle, pedestrian facilities, or other alternate transportation or otherwise decrease the performance or safety of such facilities?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

# XVI. UTILITIES AND SERVICE SYSTEMS. Would the project:

- |    |  |                          |                          |                          |                                     |
|----|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) | Impact the following facilities requiring or resulting in the construction of new facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?                     |                          |                          |                          |                                     |
|    | Electricity  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|    | Natural Gas  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|    | Communication System   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|    | Street lighting  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|    | Public facilities, including roads and bridges   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) | Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) | Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) | Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) | Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f) | Comply with federal, state, and local statutes and regulations related to solid waste?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

# XVII. MANDATORY FINDINGS OF SIGNIFICANCE.

- |    |   |                          |                          |                                     |                          |
|----|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a) | Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) | Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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c)	Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
----	--	--------------------------	--------------------------	-------------------------------------	--------------------------




**DETERMINATION:** (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- ☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☐ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- ☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- ☒ I find that although the proposed project could have a significant effect on the environment, there WILL NOT be a significant effect in this case because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project.

  
Signature

  
Date

WARREN D. WILLIAMS, General Manager-Chief Engineer  
Printed Name and Title

P8\136852

## ENVIRONMENTAL EVALUATION

### I. AESTHETICS. Would the project:

#### Ia) Have a substantial adverse effect on a scenic vista?

**Less Than Significant Impact.** The FEIR concluded that construction debris and equipment may temporarily impact the aesthetics of the general area. However, since these impacts are short term, the FEIR considered potential impacts to be less than significant.

**Source:** Homeland Master Drainage Plan (Revision No. 1), Romoland Master Drainage Plan (Revision No. 1), Homeland/Romoland Area Drainage Plan (Amendment No. 1) (State Clearinghouse No. 2003111131) EIR (FEIR). [FEIR Appendix A, Page 1].

#### Ib) Substantially damage scenic resources, including, but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway?

**No Impact.** The FEIR concluded that since future MDP drainage facility alignments are primarily within road rights-of-way and disturbed agricultural resources, scenic resources will not be damaged.

**Source:** [FEIR Appendix A, Page 1].

#### Ic) Substantially degrade the existing visual character or quality of the site and its surroundings?

**Less Than Significant Impact.** The FEIR concluded that construction impacts to visual quality of site from drainage facilities are temporary and when construction is complete, underground drainage systems will not be visible. Therefore, the FEIR considered potential impacts to be less than significant.

**Source:** [FEIR Appendix A, Page 1].

#### Id) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?

**No Impact.** The FEIR concluded that lighting will not be included in the construction of future MDP drainage facilities.

**Source:** [FEIR Appendix A, Page 1].

### II. AGRICULTURAL & FOREST RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:

#### Iia) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

**No Impact.** The FEIR concluded that construction of future MDP drainage facilities will be primarily within or adjacent the roadways. Farmland will not be taken as part of the construction of this facility.

**Source:** [FEIR Appendix A, Page 2].

**IIb) Conflict with existing agricultural zoning, agricultural use or land subject to a Williamson Act contract or land within a Riverside County Agricultural Preserve?**

**No Impact.** The FEIR concluded that future MDP drainage facilities are primarily within the road rights-of-way. Therefore, there will be no potential impacts to Williamson Act contracts or a Riverside County Agricultural Preserve.

**Source:** [FEIR Appendix A, Page 2].

**IIc) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?**

**Less Than Significant Impact.** Analysis of potential direct impacts to agricultural resources as a result of the Homeland and Romoland MDP facilities were included in the FEIR and determined to be less than significant.

The Project will be located within existing residential areas and is intended to help resolve local flooding issues to existing residences. Therefore, the Project's potential impacts to agricultural resources will be less than significant.

However, the FEIR further explains that completion of certain future MDP drainage facilities would provide drainage infrastructure and support the potential development of the Homeland and Romoland areas. These impacts were considered potentially significant and no feasible mitigation measures were found that would reduce direct or indirect project impacts to less than significant levels. The FEIR also incorporated by reference the adopted Final EIR and Statement of Overriding Considerations of the Board of Supervisors of Riverside County for the General Plan. The Board of Supervisors found that the implementation of the General Plan will result in the loss of Agricultural Lands and that "there are no feasible mitigation measures or alternatives that the Board could adopt at this time which would reduce this impact to a less-than-significant level".

**Source:** [FEIR, Page III-1-3], [FEIR, Page III-1-7], Project Design.

**IId) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?**

**No Impact.** Forest land is land capable of supporting 10-percent native tree cover of any species and allows for management of one or more forest resources such as timber, aesthetics, fish and wildlife, biodiversity, water quality, and recreation [Public Resources Code Section 12220(g)]. Timberland means land designated by the board as experimental forest land, which is available for, and capable of, growing a crop of trees of any commercial species used to produce lumber and other forest products [Public Resources Code Section 4526]. Timberland Production Zone (TPZ) means an area which has been devoted to and used for growing or harvesting timber [Government Code Section 51104(g)].

Impacts to forest lands as a result of the Project were not addressed in the FEIR. However, according to Riverside County Parks, Forest and Recreation Areas Map (Figure OS-3) the Project site is not located within any land with zoning for forest land, timberland or Timberland Production.

**Source:** General Plan. Public Resources Code Sections 12220(g), 4526, Government Code Section 51104(g).

**Ile) Result in the loss of forest land or conversion of forest land to non-forest use?**

**No Impact.** See response IId).

**III. AIR QUALITY AND GREENHOUSE GAS EMISSIONS. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:**

**IIIa) Conflict with or obstruct implementation of the applicable air quality plan?**

**Less Than Significant Impact.** The FEIR described that conformance with the Air Quality Management Plan (AQMP) established by the South Coast Air Quality Management District (SCAQMD) is determined by showing that a project is consistent with local land use plans. The FEIR concluded that since construction of future MDP drainage facilities will not alter land use plans or conflict with the AQMP, potential impacts are considered to be less significant.

**Source:** [FEIR, Appendix A, Page 3].

**IIIb) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?**

**Less Than Significant Impact.** Analysis of potential impacts from the Project relating to violation of any air quality standards was not included in the FEIR and is required per mitigation measure "MM Air 4".

The proposed project is located within the South Coast Air Basin (SCAB), which currently exceeds and is in violation of State and national ambient air quality standards with respect to ozone, PM<sub>10</sub> and PM<sub>2.5</sub>. The SCAQMD has established regional significance thresholds to help assess the impacts of project-related construction and operation emissions. Construction and operational emissions from the proposed project that are below these thresholds are considered less than significant. The proposed project consists of the construction, operation and maintenance of approximately 750 lineal feet of an underground storm drain system. Subsequent operation and maintenance of the proposed flood control facility is expected to release infrequent and minor air emissions associated with trucks used on an as-needed basis for inspection or maintenance proposes. Temporary construction emissions would come from heavy equipment exhaust, construction-related trips by workers, and associated fugitive dust generated from excavation and grading activities. Construction emission thresholds as recommended by the SCAQMD and estimated construction emissions for the proposed project are noted below in Table 1. The estimated construction emissions are calculated using the URBEMIS 2007 (Version 9.2.4) air pollution model. For the purposes of running the model, it was assumed that the construction would occur in two phases, in which both phases would occur simultaneously. Phase 1 would consist of excavating approximately 1,434 cubic yards (of which 444 cubic yards is assumed to be exported) using

concrete/industrial saws, rollers, and water trucks. Phase 2 would consist of paving, which would occur immediately after installation of pipe.

The construction emission estimates are based on every piece of equipment operating a full 8 hours per day (even though some equipment will actually sit idle during the construction process). These estimates are also based on unmitigated emissions. See Appendix A "URBEMIS 2007 (v9.2.4) Printout" for the detailed emissions reports.

**Table 1**  
**Estimated Construction Emissions (pounds per day unmitigated)**

<b>Criteria Pollutants</b>	<b>SCAQMD Significant Criteria for Construction (lbs/day)</b>	<b>Project Estimated Construction Emissions for 2011 (lbs/day)</b>
Nitrogen Oxides (NO <sub>x</sub> )	<b>100</b>	<b>46.5</b>
Reactive Organic Gases (ROG)	<b>75</b>	<b>6.9</b>
Sulfur Oxides (SO <sub>x</sub> )	<b>150</b>	<b>0</b>
Carbon Monoxides (CO)	<b>550</b>	<b>30.7</b>
Particulates (PM <sub>10</sub> )	<b>150</b>	<b>6.3</b>
Particulates (PM <sub>2.5</sub> )	<b>55</b>	<b>3.8</b>

Based on the estimated values that are shown above in Table 1, the temporary construction emissions from the proposed project will not exceed the SCAQMD's recommended significant thresholds for constructions. In addition, compliance with Rule 403 for the control of fugitive dust would ensure that the project will not violate any air quality standard or contribute substantially to an existing or projected air quality violation. Measure No. "MM Air 3" from the FEIR will be incorporated into the project.

**Source:** Project Design, CARB, SCAQMD, URBEMIS, FEIR.

**IIIc) Result in cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?**

**Less Than Significant Impact.** The SCAB is designated as a non-attainment area for ozone (O<sub>3</sub>) and particulates (PM<sub>2.5</sub> and PM<sub>10</sub>). The proposed project will only result in short-term construction emissions. As shown in response IIIb) above, the temporary construction emissions associated with the proposed project will not exceed daily construction emissions significance thresholds recommended by the SCAQMD. As a result, the proposed project will not result in a cumulative considerable net increase of any criteria pollutant.

**Source:** SCAQMD.

**IIId) Expose sensitive receptors to substantial pollutant concentrations?**

**Less Than Significant Impact.** The FEIR concluded that since construction emissions will be temporary, and emissions from intermittent maintenance activities are not expected to be significant, sensitive receptors will not be exposed to substantial pollutant concentrations. Therefore, the FEIR considered potential impacts to be less than significant.

**Source:** [FEIR Appendix A, Page 3].

**IIIe) Create objectionable odors affecting a substantial number of people?**

**Less Than Significant Impact.** The FEIR concluded that due to the minor quantity of temporary construction emissions from construction, impacts are considered to be less than significant.

**Source:** [FEIR Appendix A, Page 3].

**III f) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?**

**Less Than Significant Impact.** The Project's potential impacts to greenhouse gas emissions were not addressed in the FEIR. Further analysis is provided below.

On June 1, 2005, Governor Arnold Schwarzenegger signed Executive Order S-3-05 which sets forth a series of target dates by which statewide greenhouse gas (GHG) emissions would be reduced to, as follows: 1) 2000 levels by the year 2010; 2) 1990 levels by the year 2020; and 3) eighty percent (80%) below the 1990 levels by the year 2050. In 2006, the California State Legislature adopted AB 32 (Global Warming Solutions Act of 2006) and the Governor signed it into law. AB 32 requires the California Air Resources Board (CARB), the State agency charged with regulating statewide air quality, to adopt rules and regulations that would achieve GHG emissions equivalent to statewide levels in 1990 by the year 2020. GHG as defined under AB 32 include carbon dioxide (CO<sub>2</sub>), methane, nitrous oxide, sulfur hexafluoride, hydrofluorocarbons, and perfluorocarbons. CO<sub>2</sub> has been identified as the most important anthropogenic GHG because it comprises the majority of total GHG emissions emitted per year and it is very long-lived in the atmosphere. The main source of GHG emissions associated with the project is the previously described short-term emissions related to the use of heavy equipment. URBEMIS 2007 (v.9.2.4) estimated that the temporary project construction emissions will be a total of 56.0 tons/year (i.e. 50.8 metric tons of CO<sub>2</sub> equivalents per year – MTCO<sub>2eq/yr</sub>) for 2011. Subsequent operation and maintenance of the proposed project is expected to release infrequent and minor GHG emissions far less than the estimated 2011 construction emissions of 50.8 MTCO<sub>2eq/yr</sub>.

Currently, there are no established significance thresholds from Federal or State agencies. However, in October 2008, the CARB and SCAQMD issued the draft "Recommended Approaches for Setting Interim Significance Thresholds for Greenhouse Gases under the California Environmental Quality Act" and the "Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold", respectively. Each agency's draft guidance material represents a potential analytical framework for addressing CEQA significance thresholds for GHG. In general, interim GHG thresholds of 7,000 and 10,000 MTCO<sub>2eq/yr</sub> are recommended by CARB and SCAQMD, respectively. The estimated project construction GHG emissions of 50.8 MTCO<sub>2eq/yr</sub> is well below the available interim GHG threshold recommended by the CARB and SCAQMD. Therefore, the proposed project will not generate GHG emissions that would cause significant direct or indirect impacts on the environment.

**Source:** CARB, SCAQMD.

**III g) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?**

**Less Than Significant Impact.** As described in III f) above, the GHG emissions caused by the proposed project are temporary and insignificant. Thus, the proposed project would not

conflict with any currently adopted plans, policies or regulations established for the purpose of reducing greenhouse gases.

**IV. BIOLOGICAL RESOURCES. Would the project:**

- IVa) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?**

**No Impact.** As shown on the FEIR vegetation schematic (Figure III-3-A), special status plants map (Figure III-3-B), potential jurisdictional Areas Schematic (Figure III-3-C) and MSHCP Survey Areas and Criteria cells, the Project site is not located within habitat for candidate, sensitive or special status species.

**Source:** FEIR.

- IVb) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?**

**No Impact.** As shown on the vegetation schematic (Figure III-3-A), riparian or sensitive habitat is not located within the Project site.

**Source:** [FEIR, Page III-3-7].

- IVc) Have a substantial adverse effect on biological resources involved within a jurisdictional water feature as defined by federal, state or local regulations (e.g., Section 404 of the Clean Water Act, Section 401 of the Clean Water Act, Section 1602 of California Fish and Game Code, Porter-Cologne Water Quality Control Act, etc.) through direct removal, filling, hydrological interruption, or other means?**

**No Impact.** As shown on the Potential Areas Schematic (Figure III-3-C), the Project site is not located within a jurisdictional water feature.

- IVd) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?**

**Less Than Significant Impact.** The FEIR describes impacts from drainage facilities to be mostly subsurface or at grade. Therefore, impacts to movement of wildlife will be less than significant.

**Source:** [FEIR, Appendix A, Page 5].

- IVe) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?**

**No Impact.** The FEIR concluded that the proposed drainage facilities will not conflict with local policies or ordinances protecting biological resources.

**Source:** [FEIR, Appendix A, Page 5].

**IVf) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?**

**No Impact.** On June 17, 2003, the Riverside County Board of Supervisors adopted the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). The MSHCP is a comprehensive, multi-jurisdictional habitat conservation plan focusing on the conservation of species and their associated habitat in Western Riverside County.

The proposed project is located within an existing residential development. The proposed project is not located within the Criteria Area or Public/Quasi-Public (P/QP) Lands as designated within the MSHCP. Except for the outlet, the proposed project is an underground storm drain facility located within existing street rights-of-way.

The proposed project area does not meet the MSHCP definition of riparian/riverine areas or vernal pools. In addition, the proposed project lacks suitable habitat for the species listed in Section 6.1.2 of the MSHCP. Therefore, no analysis or survey is required.

The proposed project is not located within a mapped survey area for the Narrow Endemic Plant Species. Therefore, no habitat assessment or survey is required under Section 6.1.3 of the MSHCP. The proposed project is not located within a mapped survey area for plant, amphibian, mammal species or Burrowing Owls. Therefore, no habitat assessment or survey is required under Section 6.3.2 of the MSHCP. Based on the above discussion the project site is consistent with the MSHCP.

**Source:** FEIR, MSHCP.

**V. CULTURAL RESOURCES. Would the project:**

**Va) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?**

**Less Than Significant Impact.** The FEIR concluded that since no historical resources were previously recorded along facility alignments, and none were encountered in the field, potential impacts to historical resources are less than significant.

**Source:** [FEIR, III-4-4].

**Vb) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?**

**Less Than Significant Impact.** The cultural resources field survey conducted as part of the FEIR determined that construction of future MDP lineal facilities would not affect known cultural resources in the area. However, prehistoric resources may be accidentally uncovered during construction. To reduce impacts to currently unknown archeological resources to less than significant impacts, adopted mitigation measure "MM Cul 2" will be implemented by the Project [FEIR, III-4-4].

**Vc) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?**

**Less Than Significant Impact.** Referencing the Riverside County General Plan the FEIR determined that the Project site contains areas identified as "High", "Low", and



"Undetermined". Potential impacts to buried paleontological resources could occur if fossil bearing soils are encountered during construction. To reduce potential impacts to less than significant, the Project will implement the adopted mitigation measure "MM Cul 3".

Source: [FEIR, III-4-4].

**Vd) Disturb any human remains, including those interred outside of formal cemeteries?**

**Less Than Significant Impact.** The FEIR concluded that construction of drainage facilities are not expected to impact human remains. To reduce potential impacts to less than significant in the case human remains are found, the Project will implement adopted mitigation measure "MM Cul 4".

Source: [FEIR, III-4-4].

**VI. GEOLOGY AND SOILS. Would the project:**

**Via) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving:**

- i) **Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a Known fault? Refer to Division of Mines and Geology Special Publication 42.**

**Less Than Significant Impact.** The FEIR concluded that since there are no mapped faults or fault zones within the drainage facilities alignments or vicinity, potential impacts associated with rupture of a known fault is considered to be less than significant.

Source: [FEIR, Appendix A, Page 7].

- ii) **Strong seismic ground shaking?**

**Less Than Significant Impact.** The FEIR concluded that since there are no mapped faults or fault zones within the drainage facilities alignments or vicinity, potential impacts associated with strong seismic ground shaking is considered to be less than significant.

Source: [FEIR, Appendix A, Page 7].

- iii) **Seismic-related ground failure, including liquefaction?**

**Less Than Significant Impact.** The FEIR concluded that seismic related ground failure is not expected to affect drainage structures such that people would be exposed to injury or death. Therefore, impacts related from proposed alignments being affected by liquefaction is considered less than significant.

Source: [FEIR, Appendix A, Page 7].

- iv) **Landslides or mudflows?**

**Less Than Significant Impact.** The FEIR concluded that since the facility alignments are located within generally flat areas, potential impacts to creating landslides or mudflows is considered less than significant.

**Source:** [FEIR, Appendix A, Page 7].

- VIb) Result in substantial changes in topography, unstable soil conditions from excavation, grading or fill, or soil erosion or the loss of topsoil?**

**Less Than Significant Impact.** The FEIR concluded that since construction of facilities will require a stormwater pollution prevention plan, impacts are considered less than significant.

**Source:** [FEIR, Appendix A, Page 8].

- VIc) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?**

**Less Than Significant Impact.** The FEIR concluded that facility alignments are not located on unstable geologic units or unstable soils. Therefore, potential impacts are considered to be less than significant.

**Source:** [FEIR, Appendix A, Page 8].

- VId) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994 or most current edition), creating substantial risks to life or property?**

**Less Than Significant Impact.** The FEIR concluded from results of the soil survey, that facility alignments are not located on expansive soils. Therefore, potential impacts are considered to be less than significant.

**Source:** [FEIR, Appendix A, Page 8].

- VIe) Have soils incapable of adequately supporting any structures, fill or other improvements associated with the project?**

**No Impact.** The Project's impacts to soils incapable of supporting structures were not addressed in the FEIR. The Project consists of the construction, operation and maintenance of a storm drain system. There are no housing units or businesses proposed, nor will additional improvements be required as a part of the project. Therefore, there will be no impacts regarding soils incapable of adequately supporting any structures.

**Source:** Project Design.

## **VII. HAZARDS AND HAZARDOUS MATERIALS. Would the project:**

- VIIa) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?**

**Less Than Significant Impact.** The FEIR concluded that since hazardous material used in construction such as fuels, will be used in accordance with standard safety measures and regulations, potential impacts are considered to be less than significant.

**Source:** [FEIR, Appendix A, Page 8].

- VIIb) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?**

**Less Than Significant Impact.** The Project's impacts to the environment from the release of hazardous materials were adequately addressed by the FEIR and found to be less than significant.

**Source:** [FEIR, Appendix A, Page 9].

- VIIc) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?**

**Less Than Significant Impact.** The Project's potential impacts to the emitting hazardous materials were adequately addressed by the FEIR and found to be less than significant.

**Source:** [FEIR, Appendix A, Page 9].

- VIIId) Be located on a site, which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?**

**Less Than Significant Impact.** The Project's potential impacts from hazardous material sites were not analyzed in detail by the FEIR. Adopted mitigation measure "MM Haz1" requires further analysis at time of construction.

An online record search of available hazardous materials site's databases (i.e., Department of Toxic Substances Control's Hazardous Waste and Substances List (Cortese List), State Water Resources Control Board Leaking Underground Storage Tank (LUST) Geotracker, EPA EnviroMapper database) indicates that two listed hazardous materials sites are located within 2,000 feet of the project area. However, both sites' clean-up status are marked "Completed-Case Closed".

- VIIe) For a project located within an airport land use plan, or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?**

**No Impact.** The Project's potential impacts to airport land use plans were adequately analyzed in the FEIR and found to have no impact.

**Source:** [FEIR, Appendix A, Page 9].

- VIIIf) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?**

**No Impact.** The FEIR concluded that the construction and maintenance of facilities will not cause any safety hazards related to private airstrips and considered to have no impact.

**Source:** [FEIR, Appendix A, Page 10].

**VIIg) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?**

**No Impact.** The FEIR concluded that the construction and maintenance of facilities will not interfere with adopted emergency plans and considered to have no impact.

**Source:** [FEIR, Appendix A, Page 10].

**VIIh) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?**

**Less Than Significant Impact.** The Project's potential impacts from wildfires were not addressed in the FEIR. The proposed project is an underground storm drain system located within an existing residential community. Thus, the construction and subsequent maintenance of the proposed project would not expose people or structures to an increased risk of wildfire beyond current conditions. The Harvest Valley/Winchester Area Plan Wildfire Susceptibility Map (Figure 12) of the Riverside County General Plan indicates that the project area is subject to minimal risk of wildland fire hazards.

**Source:** General Plan.

**VIII. HYDROLOGY AND WATER QUALITY. Would the project:**

**VIIIa) Violate or conflict with any adopted water quality standards or waste discharge requirements?**

**Less Than Significant Impact.** Since construction of Homeland/Romoland MDP facilities will comply with existing water quality regulatory programs and permitting requirements, direct and indirect impacts to water quality are considered to be less than significant.

**Source:** [FEIR, Page III-6-6].

**VIIIb) Result in substantial discharges of typical stormwater pollutants (*e.g. sediment from construction activities, hydrocarbons, and metals from motor vehicles, nutrients and pesticides from landscape maintenance activities, metals of other pollutants from industrial operation,*) or substantial changes to surface water quality including, but not limited to, temperature, dissolved oxygen, pH, or turbidity?**

**Less Than Significant Impact.** The Project will not create or contribute additional pollutants to stormwater. A Stormwater Pollution Prevention Plan will be prepared to protect water quality and reduce potential impacts to less than significant during construction.

**Source:** [FEIR, Page III-6-11].

**VIIIc) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (*e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted*)?**

**No Impact.** The Project's potential impacts to groundwater supplies were covered by the FEIR and found to have no impact.

**Source:** [FEIR, Appendix A, Page 11].

- VIIIId) Substantially alter the existing drainage pattern of the site or area, including through the alteration of a watercourse or wetland, in a manner which would result in substantial erosion or siltation on- or off-site?**

**Less Than Significant Impact.** The FEIR discussed the Homeland/Romoland MDP potential drainage pattern and erosion impacts from lineal drainage facilities such as open channels and underground storm drains and concluded these impacts will be less than significant.

**Source:** [FEIR, Page III-6-10].

- VIIIe) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?**

**Less Than Significant Impact.** The FEIR discussed the Homeland/Romoland MDP potential drainage pattern and on or offsite flooding impacts from lineal drainage facilities such as open channels and underground storm drains and concluded these impacts will be less than significant.

**Source:** [FEIR, Page III-6-10].

- VIIIIf) Create or contribute runoff water, which would exceed the capacity of existing or planned stormwater drainage systems?**

**Less Than Significant Impact.** The FEIR discussed the Homeland/Romoland MDP potential impacts to existing and planned stormwater drainage system capacity and concluded that since the MDP facilities are designed to convey runoff and eliminate major flooding additional runoff will not be created. Therefore, potential impacts will be less than significant.

**Source:** [FEIR, Page III-6-10].

- VIIIg) Place housing within a 100-year flood hazard area as mapped on Federal Flood Hazard boundary of Flood Insurance Rate Map or other flood hazard delineation map?**

**No Impact.** This is not a housing project. The Project's potential impacts to the 100-year flood hazard area were adequately addressed by the FEIR and found to have no impact.

**Source:** [FEIR, Appendix A, Page 12].

- VIIIh) Place structures or fill within a 100-year flood hazard area, which would impede or redirect flood flows?**

**No Impact.** The Project's potential impacts to fill within a 100-year flood hazard were adequately addressed by the FEIR and found to have no impact. This project will not place fill or structures in a 100-year floodplain.

**Source:** FEIR.

**VIIIi) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?**

**No Impact.** The Project's potential impacts to risk from flooding were adequately addressed by the FEIR and found to have no impact. This project will not place fill or structures in a 100-year floodplain.

**Source:** [FEIR, Appendix A, Page 12].

**VIIIj) Expose people or structures to a significant risk of loss, injury or death involving inundation by seiche, tsunami, or mudflow?**

**No Impact.** The Project's potential impacts to exposing people to inundation by seiche, tsunami or mudflows were not addressed in the FEIR. However, the proposed project site is not subject to inundation by a seiche or tsunami. Also, the proposed underground flood control facility will not increase the potential for mudflows.

**Source:** Project Design.

**IX. LAND USE PLANNING. Would the project:**

**IXa) Physically divide an established community?**

**No Impact.** The construction of facilities will not physically divide communities and will have no potential impact.

**Source:** [FEIR, Appendix A, Page 13].

**IXb) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?**

**Less Than Significant Impact.** The construction of flood control facilities do not conflict with existing land uses and zoning. Therefore, impacts are considered to be less than significant.

**Source:** [FEIR, Appendix A, Page 13].

**X. MINERAL RESOURCES. Would the project:**

**Xa) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?**

**Less Than Significant Impact.** The FEIR concluded that although available geological information indicates that mineral deposits exist, the significance of the deposits is not known. Since the project will have a relatively small footprint within existing roads, potential impacts are considered to be less than significant.

**Source:** [FEIR, Appendix A, Page 13].

- Xb) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?**

**Less Than Significant Impact.** As discussed in response Xa), potential impacts to mineral resources were adequately addressed in the FEIR and considered to be less than significant.

**Source:** [FEIR, Appendix A, Page 14].

**XI. NOISE. Would the project result in:**

- XIa) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?**

**Less Than Significant Impact.** The FEIR concluded that since construction will be subject to County of Riverside ordinances, potential impacts are considered to be less than significant.

**Source:** [FEIR, Appendix A, Page 14].

- XIb) Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?**

**Less Than Significant Impact.** The FEIR concluded that since vibration and noise as a result of construction will be temporary, potential impacts are considered to be less than significant.

**Source:** [FEIR, Appendix A, Page 14].

- XIc) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?**

**Less Than Significant Impact.** The FEIR concluded that since noise associated with construction will not be permanent, potential impacts are considered to be less than significant.

**Source:** [FEIR, Appendix A, Page 15].

- XId) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?**

**Less Than Significant Impact.** As discussed in XIa), potential impacts to noise levels were adequately addressed in the FEIR and considered to be less than significant.

**Source:** [FEIR, Appendix A, Page 15].

- XIe) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?**

**No Impact.** Potential impacts from the proposed project relating to excessive noise levels within airport land were adequately addressed in the FEIR.

**Source:** [FEIR, Appendix A, Page 15].

- XIf) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?**

**No Impact.** The FEIR concluded that the construction of drainage facilities will not expose people to the noisy environment near an airport. The project is not within the vicinity of a private airstrip.

**Source:** [FEIR, Appendix A, Page 15].

## **XII. POPULATION AND HOUSING. Would the project:**

- XIIa) Induce substantial population growth in an area, either directly (*for example, by proposing new homes and businesses*) or indirectly (*for example, through extension of roads or other infrastructure*) resulting in substantial adverse physical impacts or conflicts with the adopted general plan, specific plan, or other applicable land use or regional plan?**

**No Impact.** Although the FEIR describes the Homeland/Romoland MDP as providing flood control infrastructure which could cause conversion of existing farmland to residential, and induce growth, the proposed project constructed within an existing developed area and will not contribute to population growth.

**Source:** FEIR.

- XIIb) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?**

**No Impact.** The FEIR concluded that construction of drainage facilities will not displace any homes, therefore, have no potential impacts.

**Source:** [FEIR, Appendix A, Page 16].

- XIIc) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?**

**No Impact.** The FEIR concluded that the drainage facilities will not displace people or existing homes, therefore, have no potential impacts.

**Source:** [FEIR, Appendix A, Page 6].

## **XIII. PUBLIC SERVICES**

- XIIIa) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services:**

**Fire protection?**

**No Impact.** The FEIR concluded that drainage facilities will not require additional fire services, or result in extended response times for fire protection services.



**Source:** [FEIR, Appendix A, Page 16].

**Police protection?**

**No Impact.** The FEIR concluded that drainage facilities will not require additional police services, or result in extended response times for police protection services.

**Source:** [FEIR, Appendix A, Page 17].

**Schools?**

**No Impact.** The FEIR concluded that drainage facilities will not affect local school enrollment and school facilities.

**Source:** [FEIR, Appendix A, Page 17].

**Parks?**

**No Impact.** The FEIR concluded that drainage facilities will not interfere with parks or require a need for new parks.

**Source:** [FEIR, Appendix A, Page 17].

**Other public facilities?**

**No Impact.** The FEIR concluded that no other public facilities would be adversely affected by construction of drainage facilities.

**Source:** [FEIR, Appendix A, Page 17].

**XIV. RECREATION**

**XIVa) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?**

**No Impact.** The FEIR concluded that construction of drainage facilities would not increase use of existing parks or recreational facilities.

**Source:** [FEIR, Appendix A, Page 17].

**XIVb) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?**

**No Impact.** As discussed in XIVa) impacts to recreational facilities were adequately addressed in the FEIR.

**Source:** [FEIR, Appendix A, Page 18].

**XV. TRANSPORTATION AND TRAFFIC. Would the project:**

- XVa) Conflict with an adopted plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?**

**Less Than Significant Impact.** The FEIR concluded that although construction of future MDP facilities will primarily be within road rights-of-way, construction will not alter existing roadway configuration and the implementation of safe traffic control measures will ensure the safety of drivers. As a result the construction of drainage facilities will not conflict with an adopted plan or policy establishing measures of effectiveness of the circulation system, or with adopted plans regarding public transit, bicycle, and pedestrian facilities.

**Source:** [FEIR, Appendix A, Page 18].

- XVb) Conflict with an adopted congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the appropriate congestion management agency for designated roads or highways?**

**Less Than Significant Impact.** As discussed in XVa) potential impacts to roads or highways were adequately addressed in the FEIR.

- XVc) Substantially increase hazards due to a design feature (*e.g., sharp curves or dangerous intersections*) or incompatible uses (*e.g., farm equipment*)?**

**Less Than Significant Impact.** The FEIR concluded that construction of future facilities would not significantly change existing roadway configurations. Therefore, impacts are considered to be less than significant.

**Source:** [FEIR, Appendix A, Page 18].

- XVd) Would the project result in inadequate emergency access?**

**No Impact.** The FEIR concluded that construction of future drainage facilities would not impact emergency access.

**Source:** [FEIR, Appendix A, Page 19].

- XVe) Would the project result in inadequate parking capacity?**

**No Impact.** The FEIR concluded that the construction and maintenance of future drainage facilities would not affect parking capacity.

**Source:** [FEIR, Appendix A, Page 19].

- XVf) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, pedestrian facilities, or other alternate transportation or otherwise decrease the performance or safety of such facilities?**

**Less Than Significant Impact.** As discussed in XVa) potential impacts to public transit, bicycle or pedestrian facilities are considered to be less than significant.

**XVI. UTILITIES AND SERVICE SYSTEMS. Would the project:**

**XVIa) Impact the following facilities requiring or resulting in the construction of new facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?**

**Electricity**

**No Impact.** The FEIR concluded that construction of future facilities would not require additional electric facilities.

**Source:** [FEIR, Appendix A, Page 19].

**Natural Gas**

**No Impact.** The FEIR concluded that construction of future facilities would not require additional natural gas facilities.

**Source:** [FEIR, Appendix A, Page 19].

**Communication System**

**No Impact.** The FEIR concluded that construction of future facilities would not require additional communication systems.

**Source:** [FEIR, Appendix A, Page 19].

**Street lighting**

**No Impact.** The FEIR concluded that construction of future facilities would not require additional street lighting.

**Source:** [FEIR, Appendix A, Page 19].

**Public facilities, including roads and bridges**

**No Impact.** The FEIR concluded that construction of future facilities would not require additional public facilities.

**Source:** [FEIR, Appendix A, Page 19].

**XVIb) Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?**

**No Impact.** The FEIR concluded that construction of future MDP stormwater facilities would not require new or additional stormwater drainage facilities.

**Source:** [FEIR, Appendix A, Page 19].

**XVIc) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?**

**No Impact.** The FEIR concluded that construction of future facilities would not affect water supplies.

**Source:** [FEIR, Appendix A, Page 19].

**XVIId) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?**

**No Impact.** The FEIR concluded that additional wastewater treatment is not required for construction of future MDP facilities.

**Source:** [FEIR, Appendix A, Page 19].

**XVIe) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?**

**No Impact.** The FEIR concluded that construction of facilities would not generate long term solid waste.

**Source:** [FEIR, Appendix A, Page 19].

**XVIIf) Comply with federal, state, and local statutes and regulations related to solid waste?**

**No Impact.** As discussed in XVIe), potential impacts to solid waste were adequately addressed in the FEIR.

**Source:** [FEIR, Appendix A, Page 19].

**XVII. MANDATORY FINDINGS OF SIGNIFICANCE.**

**XVIIa) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?**

**Less Than Significant Impact.** As demonstrated by this Initial Study, potential impacts to the environment, wildlife, vegetation, and cultural resources will not occur, will be less than significant, or will be mitigated to a level of insignificance. Refer to Section IVa).

**XVIIb) Does the project have impacts that are individually limited, but cumulatively considerable? (*"Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.*)**

**Less Than Significant Impact.** As discussed in this document, most of the potential adverse impacts such as noise and air quality are temporary and will cease upon construction

completion. Due to the relatively short construction period, potential impacts would not be cumulatively considerable.

**XVIIc) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?**

**Less Than Significant Impact.** As discussed in this document, the project would result in very minimal environmental impacts such as air quality and noise due to construction related activities. The FEIR concluded construction of future MDP drainage facilities will not cause substantial adverse effects on human beings.

## INITIAL STUDY CHECKLIST REFERENCE LIST

1. Homeland Master Drainage Plan (Revision No. 1), Romoland Master Drainage Plan (Revision No. 1), Homeland/Romoland Area Drainage Plan (Amendment No. 1) (State Clearinghouse No. 2003111131) Final Environmental Impact Report, November 2005.
2. County of Riverside General Plan, October 2003.
3. California Government Code Sections 12220 and 51104. (Available at <http://www.leginfo.ca.gov/calaw.html>).
4. URBEMIS 2007 Model (Version 9.2.4). Released February 2008.
5. South Coast Air Quality Management District, CEQA Air Quality Handbook, April 1993.
6. South Coast Air Quality Management District, Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold, October 2008.
7. California State Water Resources Control Board Leaking Underground Storage Tank (LUST) GeoTracker database. (Available at <http://geotracker.swrcb.ca.gov/>). Accessed on October 10, 2010.
8. Department of Toxic Substances Control (DTSC) Cleanup and Hazardous Waste sites EnviroStor database (<http://www.envirostor.dtsc.ca.gov/>). Accessed on October 10, 2010.

**Appendix A**

Urbemis 2007 Version 9.2.4

## Detail Report for Annual Construction Unmitigated Emissions (Tons/Year)

File Name: Z:\ERS (new)\District Projects\Zone 4\Homeland MDP Line 2, Stage 2\III. Air Quality and Greenhouse Gas Emissions\Homeland Line 2.urb924

Project Name: Homeland MDP Line 2 Stage 2

Project Location: Riverside County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

## CONSTRUCTION EMISSION ESTIMATES (Annual Tons Per Year, Unmitigated)

	ROG	NOX	CO	SO2	PM10 Dust	PM10 Exhaust	PM10 Total	PM2.5 Dust	PM2.5 Exhaust	PM2.5 Total	CO2
2011	0.08	0.53	0.35	0.00	0.03	0.04	0.07	0.01	0.04	0.04	56.02
Asphalt 06/01/2011-07/01/2011	0.03	0.17	0.11	0.00	0.00	0.01	0.01	0.00	0.01	0.01	15.04
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	0.03	0.17	0.10	0.00	0.00	0.01	0.01	0.00	0.01	0.01	13.54
Paving On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
Paving Worker Trips	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43
Mass Grading 06/01/2011-07/01/2011	0.05	0.37	0.24	0.00	0.03	0.03	0.06	0.01	0.02	0.03	40.98
Mass Grading Dust	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.01	0.00	0.01	0.00
Mass Grading Off Road Diesel	0.05	0.36	0.21	0.00	0.00	0.02	0.02	0.00	0.02	0.02	36.67
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38
Mass Grading Worker Trips	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.93

Phase Assumptions

Phase: Mass Grading 6/1/2011 - 7/1/2011 - Storm Drain Installation

Total Acres Disturbed: 2.77

Maximum Daily Acreage Disturbed: 0.14

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 7.72

Page: 2

3/3/2011 2:16:33 PM

Off-Road Equipment:

- 1 Concrete/Industrial Saws (10 hp) operating at a 0.73 load factor for 8 hours per day
- 1 Rollers (95 hp) operating at a 0.56 load factor for 8 hours per day
- 2 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 2 Signal Boards (15 hp) operating at a 0.78 load factor for 8 hours per day
- 4 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 6/1/2011 - 7/1/2011 - Temp/Final AC

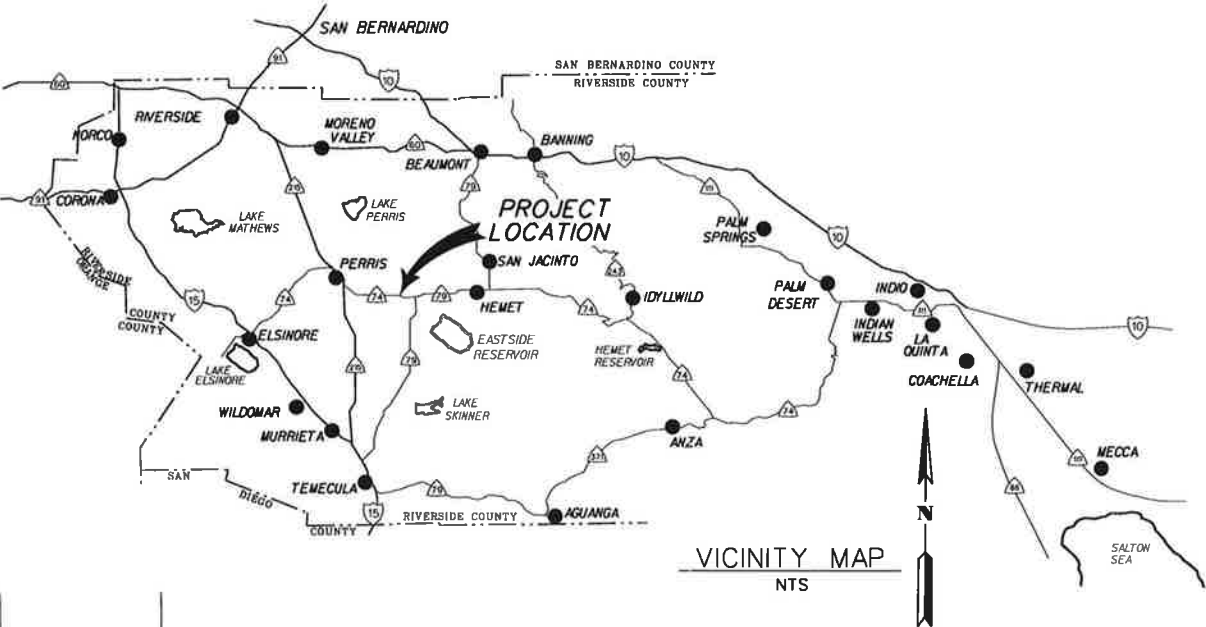
Acres to be Paved: 0.08

Off-Road Equipment:

- 1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day
- 1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day
- 1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day
- 1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day



RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT



INDEX

SHEET NO.:

TITLE SHEET	1
PLAN & PROFILE	2-4
CONNECTOR PIPE PROFILES	5
OUTLET STRUCTURE	6
AC DIKE DETAIL	7
PAVING PLAN	8
TRAFFIC CONTROL PLAN	9-11

R.C.F.C. & W.C.D. STANDARD DRAWINGS

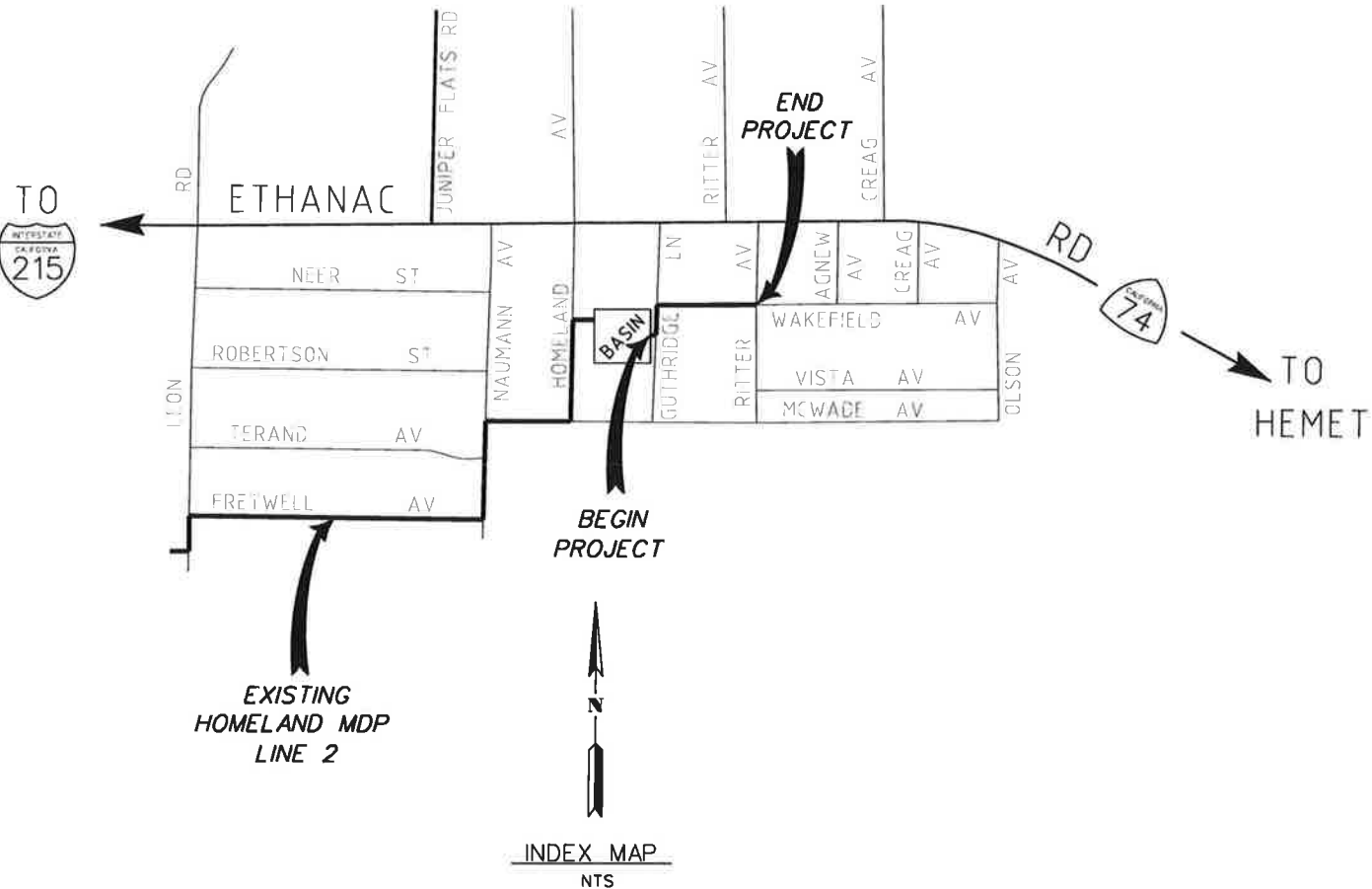
MH252	MANHOLE NO.2
MH254	MANHOLE NO.4
JS227	JUNCTION STRUCTURE NO. 2
JS229	JUNCTION STRUCTURE NO. 4
JS233	JUNCTION STRUCTURE NO. 8

RIVERSIDE COUNTY STANDARDS DRAWINGS

NO. 211	CURB TRANSITION
NO. 300	CURB INLET CATCH BASIN
NO. 212	ASPHALT CONCRETE DIKES

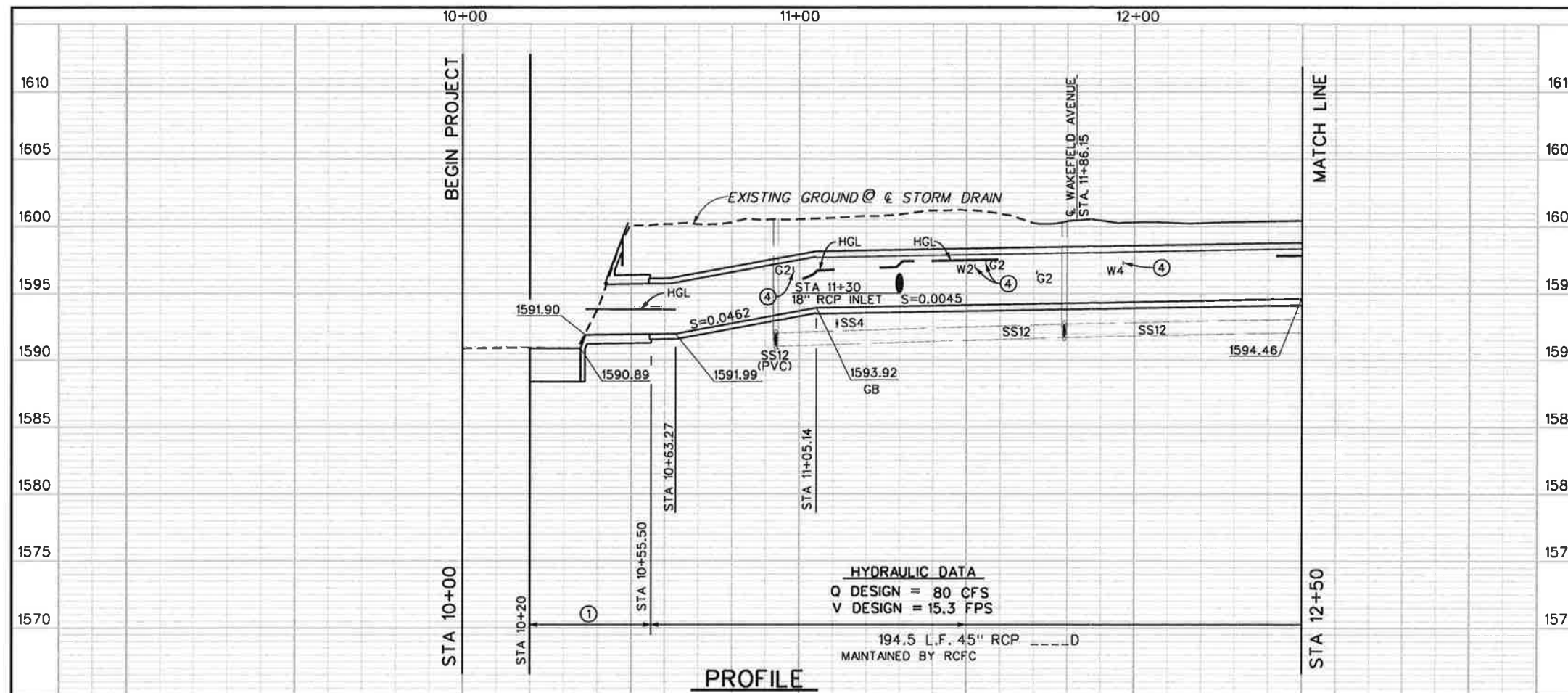
GENERAL NOTES

1. BEDDING AND PAYLINES ARE SHOWN ON RCFC STANDARD DRAWING M815 UNLESS SHOWN OTHERWISE ON THESE PLANS.
2. ALL STATIONING REFERS TO CENTERLINE OF CONSTRUCTION.
3. ALL CHANNEL/STORM DRAIN REFERENCES AND CROSS SECTIONS ARE TAKEN LOOKING DOWNSTREAM.
4. TOPOGRAPHY BY DIGITAL PHOTOGRAMMETRIC METHODS. AERIAL PHOTOGRAPHS TAKEN AT AN ALTITUDE NOT TO EXCEED A FLYING HEIGHT TO CONTOUR INTERVAL RATIO OF 1800. PHOTOGRAPHY DATED 08-13-10 UNLESS OTHERWISE NOTED.
5. THE VERTICAL DATUM IS DERIVED FROM NAVD 88. THE HORIZONTAL DATUM IS DERIVED FROM NAD 83.
6. STANDARD DRAWINGS CALLED FOR ON THE PLAN & PROFILE SHALL CONFORM TO RCFC & WCD STD DRAWINGS, UNLESS OTHERWISE NOTED.
7. ELEVATIONS AND LOCATIONS OF UTILITIES WERE OBTAINED FROM AVAILABLE INFORMATION AND ARE SHOWN APPROXIMATELY ON THESE PLANS. 48 HOURS BEFORE EXCAVATION CALL UNDERGROUND SERVICE ALERT AT 1-800-227-2600. ALL UTILITIES SHALL BE PROTECTED IN PLACE EXCEPT AS NOTED ON PLANS AND SPECIFICATIONS.
8. THE CONTRACTOR IS REQUIRED TO CONTACT ALL UTILITY AGENCIES REGARDING TEMPORARY SUPPORT AND SHORING REQUIREMENTS FOR THE VARIOUS UTILITY LINES SHOWN ON THESE PLANS.
9. ALL OPENINGS RESULTING FROM CUTTING OR PARTIAL REMOVAL OF EXIST. CULVERTS, PIPES, OR SIMILAR STRUCTURES TO BE ABANDONED, SHALL BE SEALED AT BOTH ENDS WITH 6" MIN CLASS "B" CONCRETE.
10. ALL PAVEMENT DELINEATION, CURBS, SIDEWALKS AND OTHER IMPROVEMENTS ARE TO BE RECONSTRUCTED IN KIND AT THE SAME LOCATIONS AND ELEVATIONS AS THE EXISTING IMPROVEMENTS, UNLESS OTHERWISE NOTED.
11. ⚡ INDICATES APPROX. SOIL BORING LOCATION PER SOILS REPORT DATED 05/24/11.

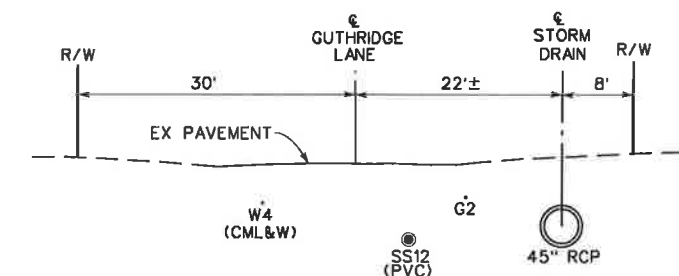


PRELIMINARY★  
UBJECT TO REVISION

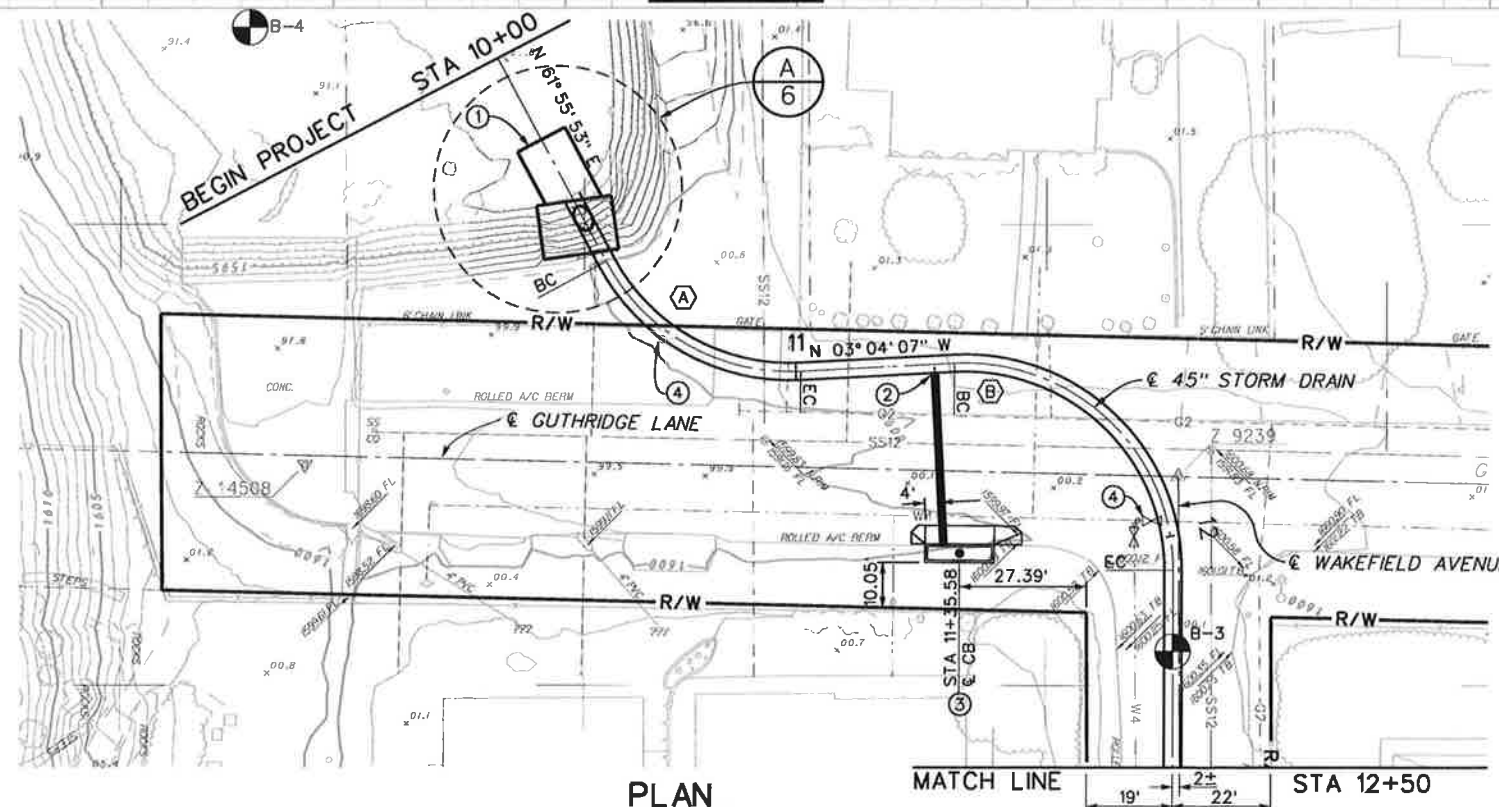
COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT APPROVED BY: _____ TRANSPORTATION DATE: _____	Don't Dig...Until You Call U.S.A. Toll Free 1-800-227-2600 for the location of buried utility lines Don't disrupt vital services. TWO WORKING DAYS BEFORE YOU DIG	BENCH MARK B.M. NO. Z-13966 FD, 1" IP W/LS 4131 TAG FLUSH AT THE INTERSECTION OF 65TH STREET AND WINEVILLE AVENUE. 659.18 EL. NAVD 88	REVISIONS REF. DESCRIPTION APPR. DATE	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT DESIGNED BY: HAE, KRG, HKT DRAWN BY: MARK UPTON DATE DRAWN: FEB 2011 RECOMMENDED FOR APPROVAL BY: _____ DATE: _____ APPROVED BY: _____ DATE: _____	HOMELAND MDP LINE 2 STAGE 2 TITLE SHEET	PROJECT NO. 4-0-00337 DRAWING NO. 4-1009 SHEET NO. 1 OF XY
---	--	--	--	--	---	---



NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED.



SECTION AT STA 11+20



**A** CURVE DATA

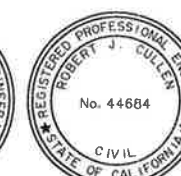
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 R = 45.00'  
 L = 51.05'  
 T = 28.67'  
 BC = STA 10+50.00  
 EC = STA 11+01.05  
 PI = N 2214618.24  
 E 6299933.41

**B** CURVE DATA

Δ = 93° 00' 00"  
 R = 45.00'  
 L = 73.04'  
 T = 47.42'  
 BC = STA 11+34.36  
 EC = STA 12+07.40  
 PI = N 2214727.48  
 E 6299927.56

**NOTES**

- CONSTRUCT JS NO. 8 PER STD. JS233, D=45", L=55.50', C=36.50', ELEV R=1591.96, ELEV. S=1591.90, A= 70° STA "X"= 10+00, SEE SHEET 6.
- CONSTRUCT JS NO. 4 PER STD JS229.
- CONSTRUCT CB PER RIVERSIDE COUNTY STD NO. 300, W= 14, H=5.75', C.F.=6", 38 LF - 18" RCP CLASS IV. SEE PROFILE ON SHEET 5.
- TO BE RELOCATED BY OTHERS.



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 SUBJECT TO REVISION



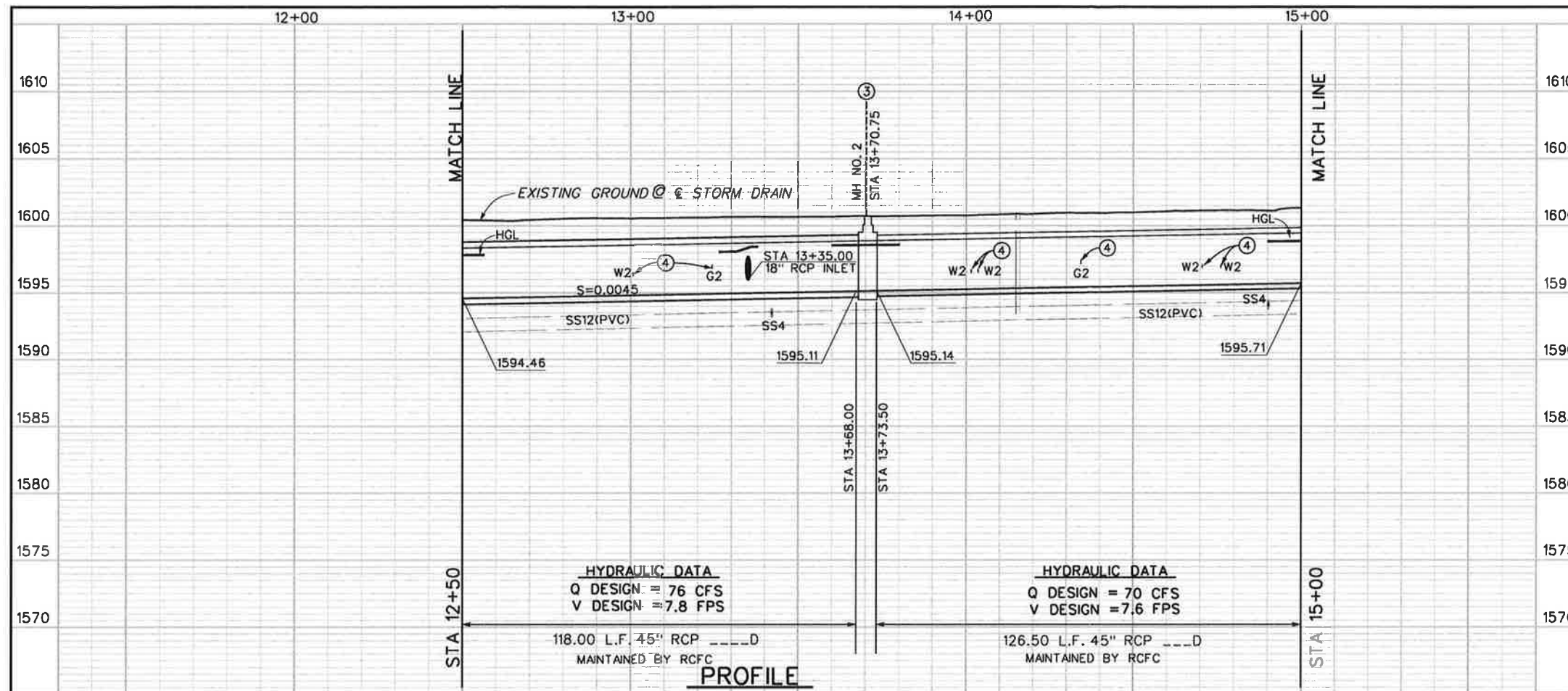
Don't Dig...Until You Call U.S.A. Toll Free  
 1-800-227-2600  
 for the location of buried utility lines  
 Don't disrupt vital services.  
 TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK  
 B.M. NO. Z-12341  
 FD. 2" CAL DOT BRASS DISC MON.  
 STAMPED "CL STATE ST 10+00  
 POT, 7+86.57 PI" CL ONTARIO  
 AVE, DN 0.28'  
 912.023 EL. NAVD 88

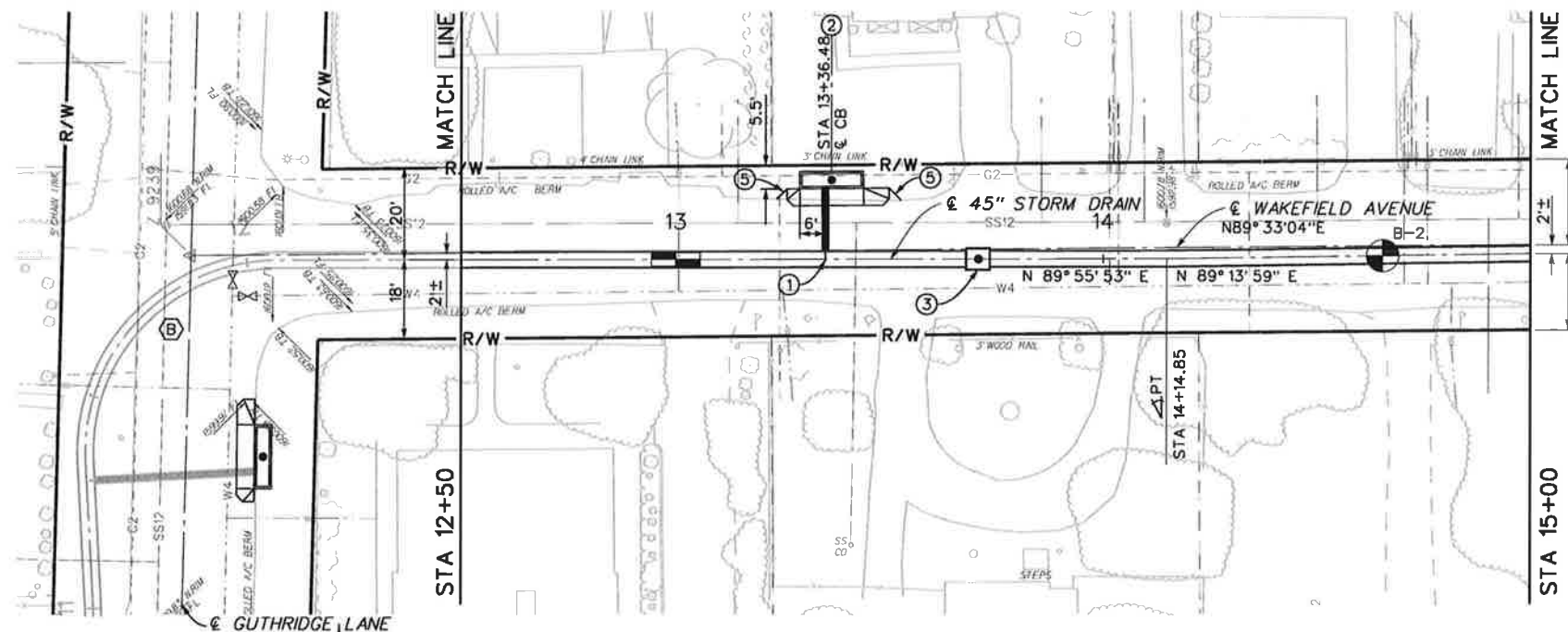
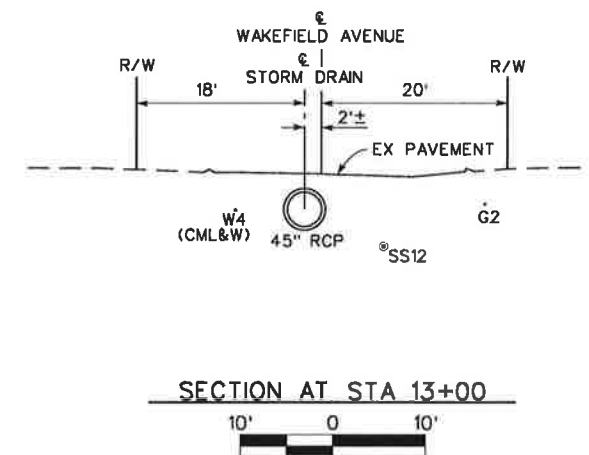
REVISIONS	DESCRIPTION	APPR.	DATE

DESIGNED BY: HAE, KRG, HKT  
 DRAWN BY: MARK UPTON  
 DATE DRAWN: FEB 2011  
 RIVERSIDE COUNTY FLOOD CONTROL  
 AND  
 WATER CONSERVATION DISTRICT  
 RECOMMENDED FOR APPROVAL BY: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_ DATE: \_\_\_\_\_

HOMELAND MDP LINE 2  
 STAGE 2  
 STA 10+00 TO STA 12+50  
 PLAN AND PROFILE  
 PROJECT NO. 4-0-00337  
 DRAWING NO. 4-1009  
 SHEET NO. 2 OF XY



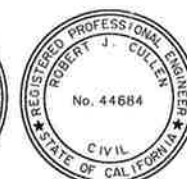
NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED.



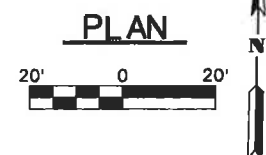
**B CURVE DATA**  
 $\Delta = 93^{\circ}00'00''$   
 $R = 45.00'$   
 $L = 73.04'$   
 $T = 47.42'$   
 $BC = STA 11+34.36$   
 $EC = STA 12+07.40$   
 $PI = N 221^{\circ}42'48'' E 6299927.56$

### NOTES

1. CONSTRUCT JS NO. 4 PER STD JS229.
2. CONSTRUCT CB PER RIVERSIDE COUNTY STD NO. 300, W= 14, H= 4', C.F.=6", 16 LF - 18" RCP CLASS IV. SEE PROFILE ON SHEET 5.
3. CONSTRUCT MH NO. 2 PER STD MH252.
4. TO BE RELOCATED BY OTHERS.
5. CONSTRUCT A87B TYPE D AC DIKE TRANSITION AS DIRECTED BY ENGINEER. SEE DETAILS ON SHEET 7.



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Don't Dig...Until You Call U.S.A. Toll Free  
**1-800-227-2600**  
 for the location of buried utility lines.  
 Don't disrupt vital services.  
 TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK  
 B.M. NO. Z-12341  
 FD. 2" CAL DOT BRASS DISC MON.  
 STAMPED "CL STATE ST 10+00  
 POT, 7+86.57 PI" CL ONTARIO  
 AVE, DN 0.28'  
 912.023 EL. NAVD 88

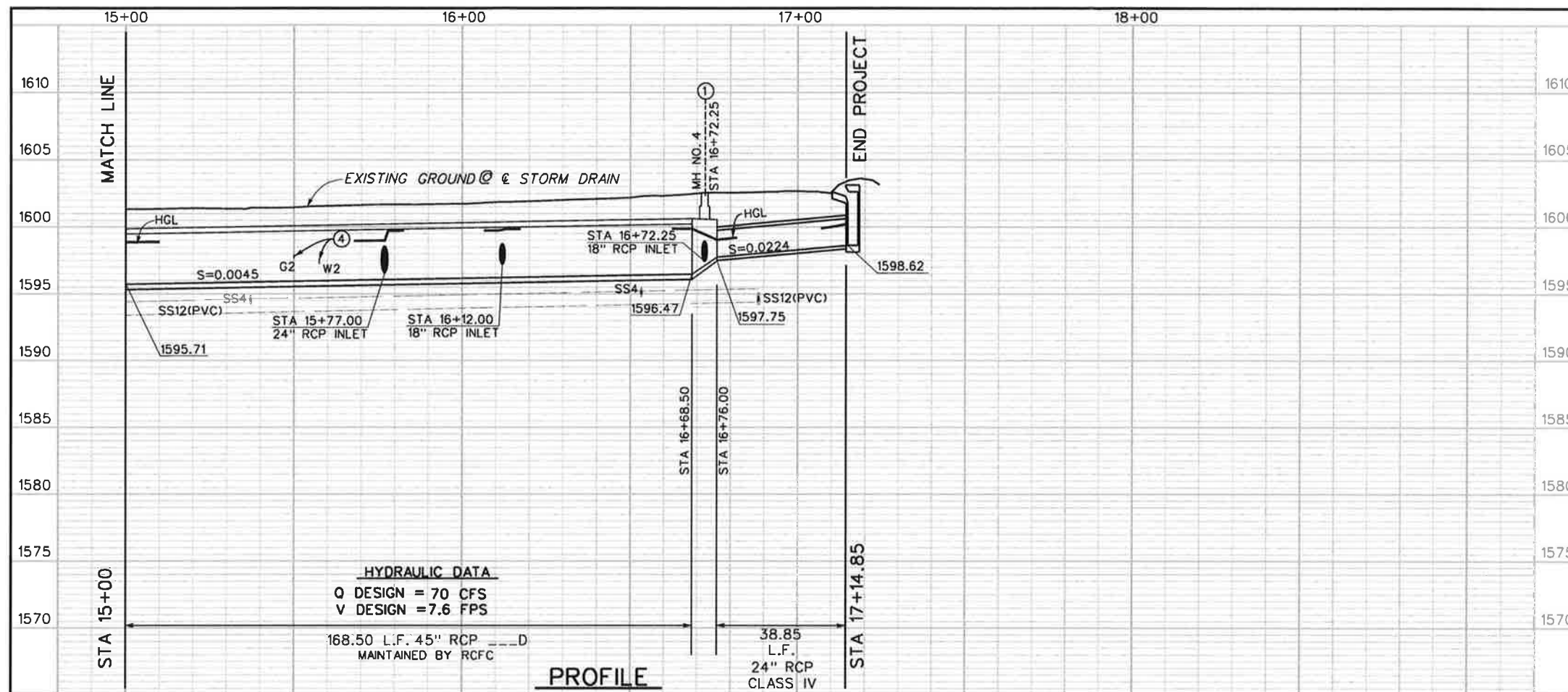
REVISIONS		
REF.	DESCRIPTION	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		
DESIGNED BY: HAE, KRG, HKT	RECOMMENDED FOR APPROVAL BY:	APPROVED BY:
DRAWN BY: MARK UPTON		
DATE DRAWN: FEB 2011	DATE:	DATE:

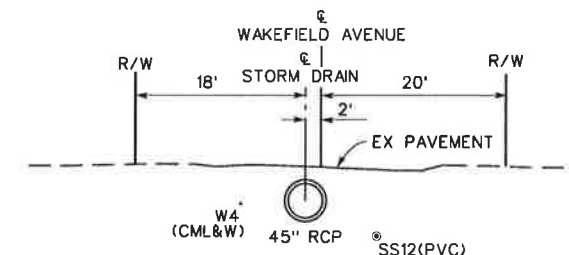
**HOMELAND MDP LINE 2  
 STAGE 2**  
 STA 12+50 TO STA 15+00  
 PLAN AND PROFILE

PROJECT NO.  
**4-0-00337**  
 DRAWING NO.  
**4-1009**  
 SHEET NO.  
**3 OF XY**





NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED.

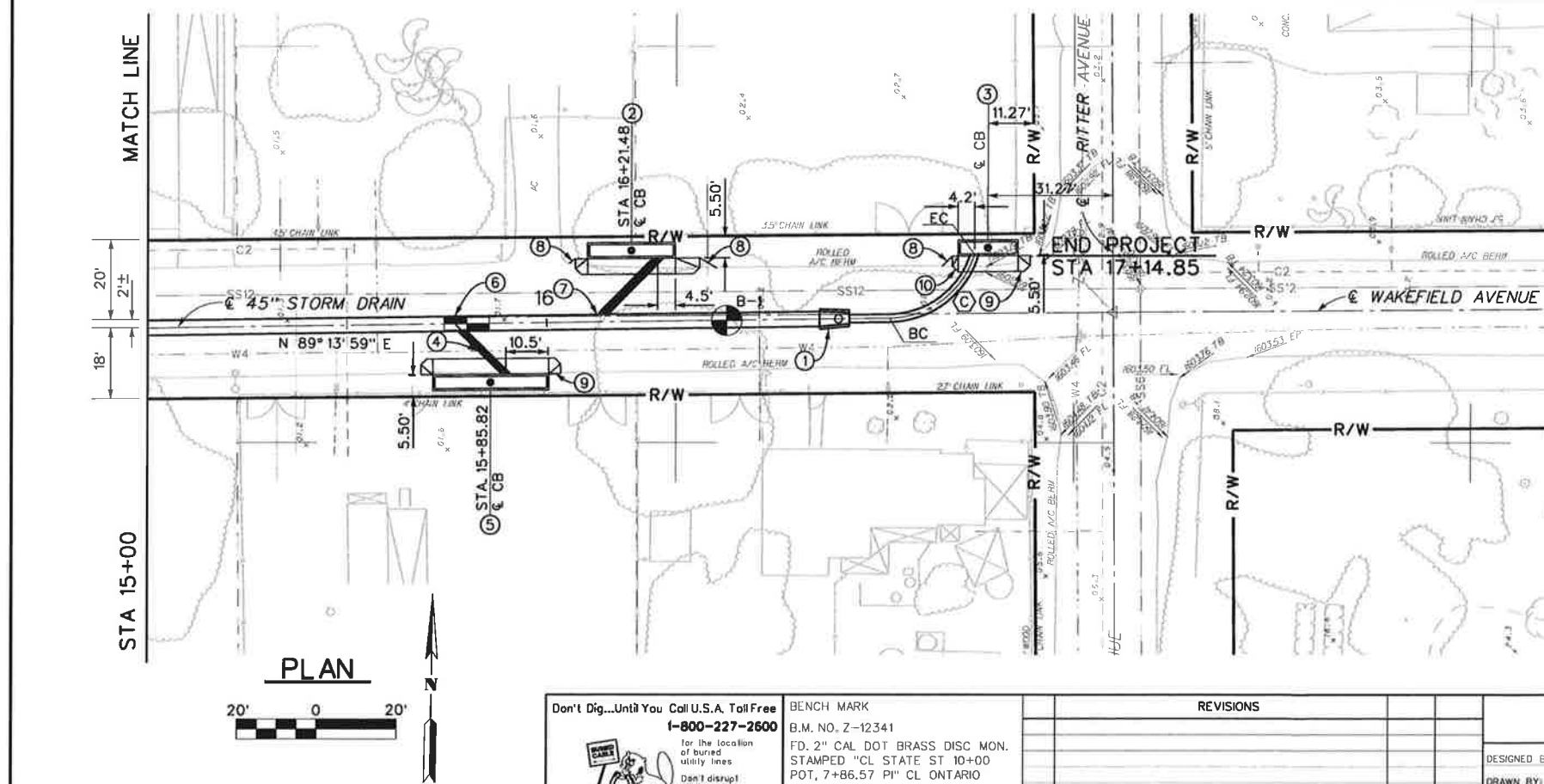


### NOTES

- CONSTRUCT MH NO. 4 PER STD MH254, A= 45", B= 24", C= 6.90', D<sub>1</sub> = 24", D<sub>2</sub> = 45", ELEV R= 1597.71, ELEV S= 1597.60.
- CONSTRUCT CB PER RIVERSIDE COUNTY STD NO. 300, W= 21, H=4', C.F.=6", 21LF-18" RCP CLASS IV. SEE PROFILE ON SHEET 5.
- CONSTRUCT CB PER RIVERSIDE COUNTY STD NO. 300, W= 14, H=4.5', C.F.=6", 35LF-24" RCP CLASS IV. SEE PROFILE THIS SHEET.
- TO BE RELOCATED BY OTHERS.
- CONSTRUCT CB PER RIVERSIDE COUNTY STD NO. 300, W=28, H=5.5', C.F.=6", 16 LF-24" RCP CLASS IV. SEE PROFILE ON SHEET 5.
- CONSTRUCT JS NO. 2 PER JS227, A=45", B=24", C=6.06', D=3.75', E=4.30', F=1.77', G=1.47', L=4.07', ELEV R= 1596.47 ELEV S=1596.31
- CONSTRUCT JS NO. 4 PER STD JS229.
- CONSTRUCT A87B TYPE D AC DIKE TRANSITION AS DIRECTED BY ENGINEER. SEE DETAILS ON SHEET 7.
- CONSTRUCT 3.0' MODIFIED TAPERED CURB FACE.
- CONSTRUCT 1.5' MODIFIED TAPERED CURB FACE.

### C & CURVE DATA

Δ = 73° 06' 29"  
 R = 22.50'  
 L = 28.71'  
 T = 16.68'  
 BC = STA 16+86.15  
 EC = STA 17+14.85  
 PI = N 2214 731.64  
 E 6300470.38



★ PRELIMINARY ★  
 SUBJECT TO REVISION

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 B.M. NO. Z-12341  
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 STAMPED "CL STATE ST 10+00  
 POT, 7+86.57 PI" CL ONTARIO  
 AVE, DN 0.28'  
 912.023 EL. NAVD 88

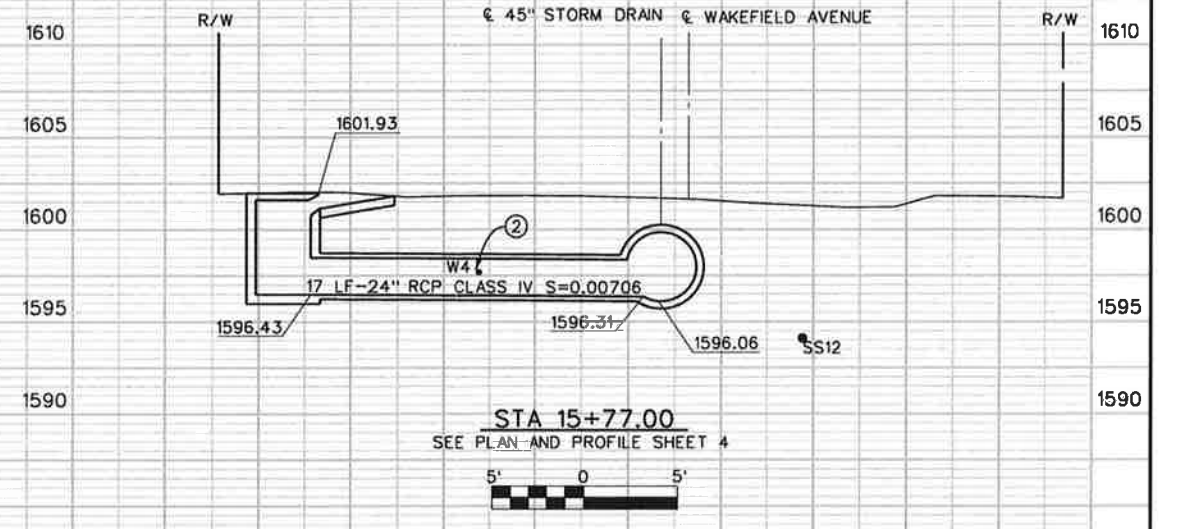
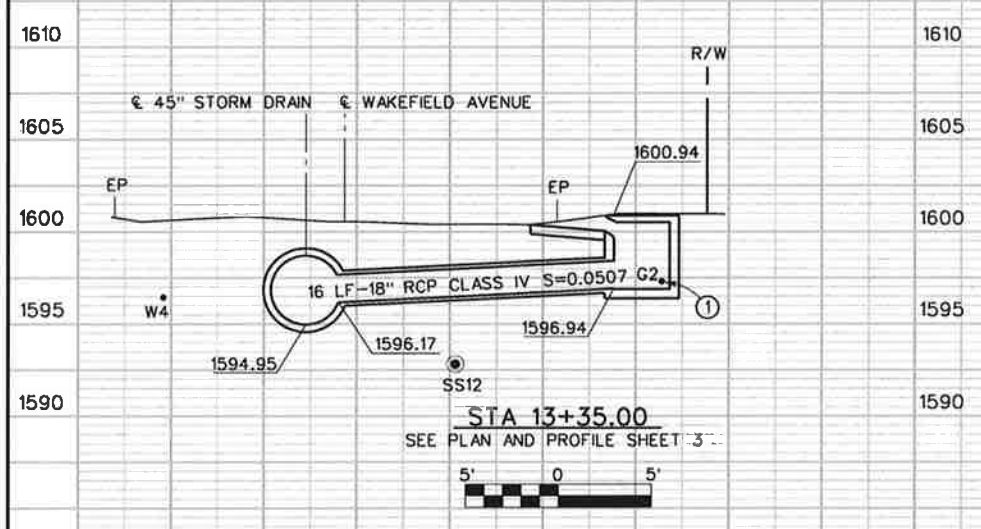
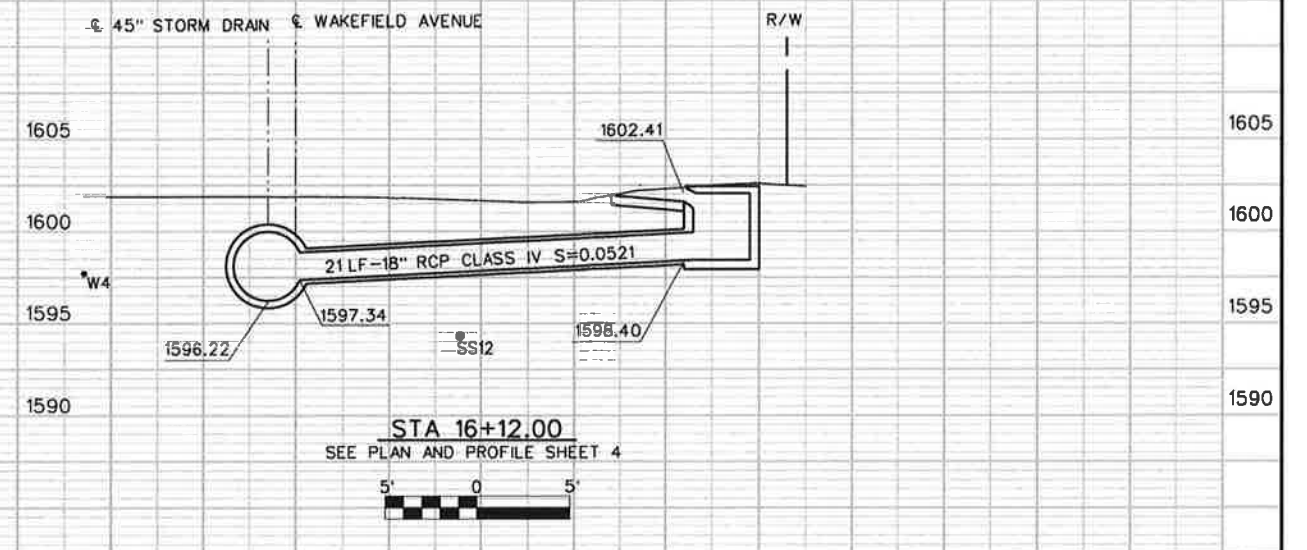
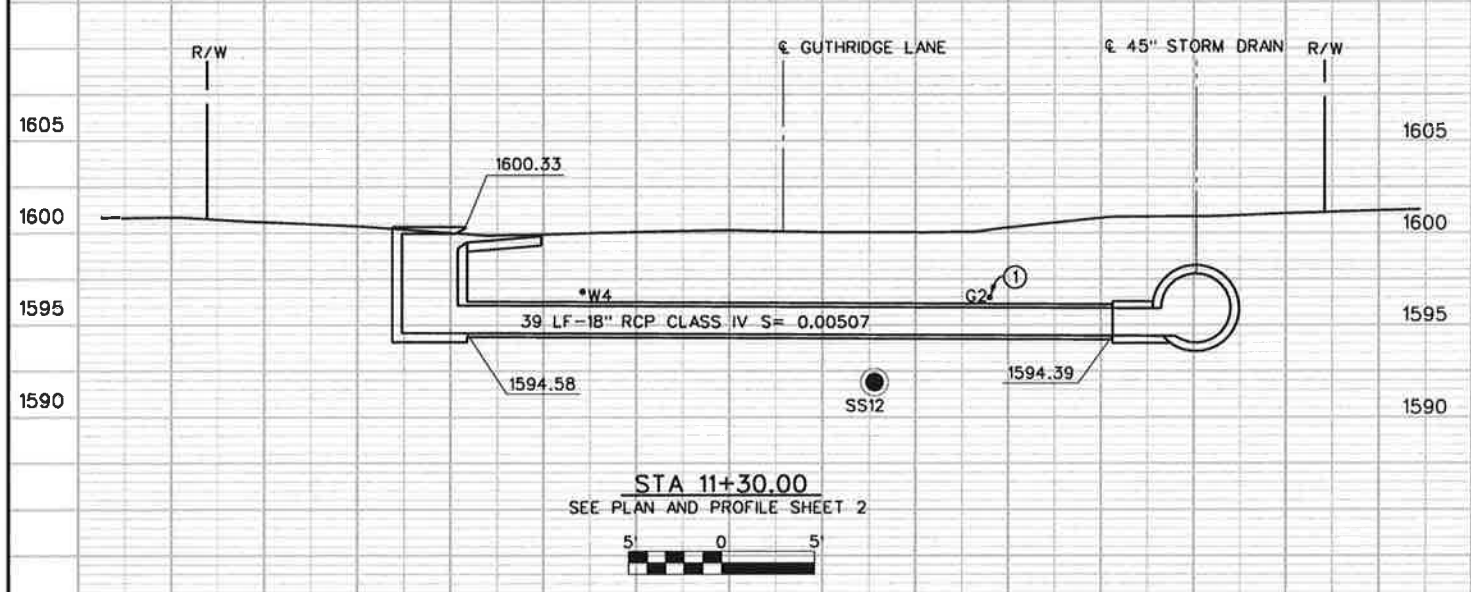
REVISIONS		
REF.	DESCRIPTION	APPR. DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		
DESIGNED BY: HAE, KRG, HKT	RECOMMENDED FOR APPROVAL BY:	APPROVED BY:
DRAWN BY: MARK UPTON	DATE: _____	DATE: _____
DATE DRAWN: FEB 2011		

**HOMELAND MDP LINE 2  
 STAGE 2**  
 STA 15+00 TO STA 17+14.85  
 PLAN AND PROFILE

PROJECT NO.  
**4-0-00337**  
 DRAWING NO.  
**4-1009**  
 SHEET NO.  
**4 OF XY**

NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED.



**NOTES**

- ① EXISTING 2" GAS LINE TO BE RELOCATED BY OTHERS.
- ② EXISTING 4" WATER LINE TO BE RELOCATED BY OTHERS.



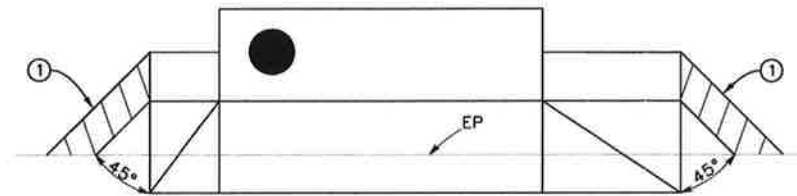
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SUBJECT TO REVISION



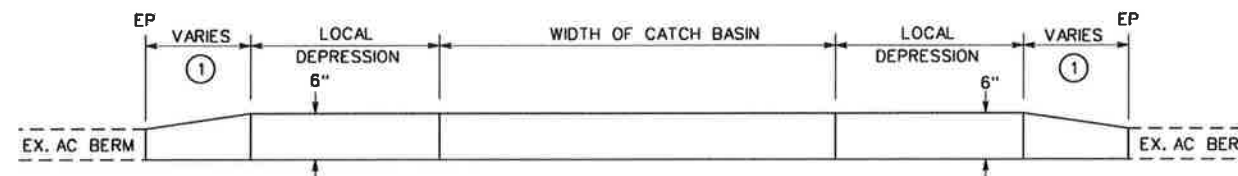
REVISIONS		
NO.	DESCRIPTION	DATE

DESIGNED BY: HAE, KRG, HKT		
DRAWN BY: MARK UPTON		
DATE DRAWN: FEB 2011		
RECOMMENDED FOR APPROVAL BY:	APPROVED BY:	
DATE:	DATE:	

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
HOMELAND MDP LINE 2 STAGE 2	
CONNECTOR PIPE	
PROJECT NO. 4-0-00337	DRAWING NO. 4-1009
SHEET NO. 5 OF XY	



TYPICAL PLAN AC DIKE/AS APRON DETAIL  
NTS



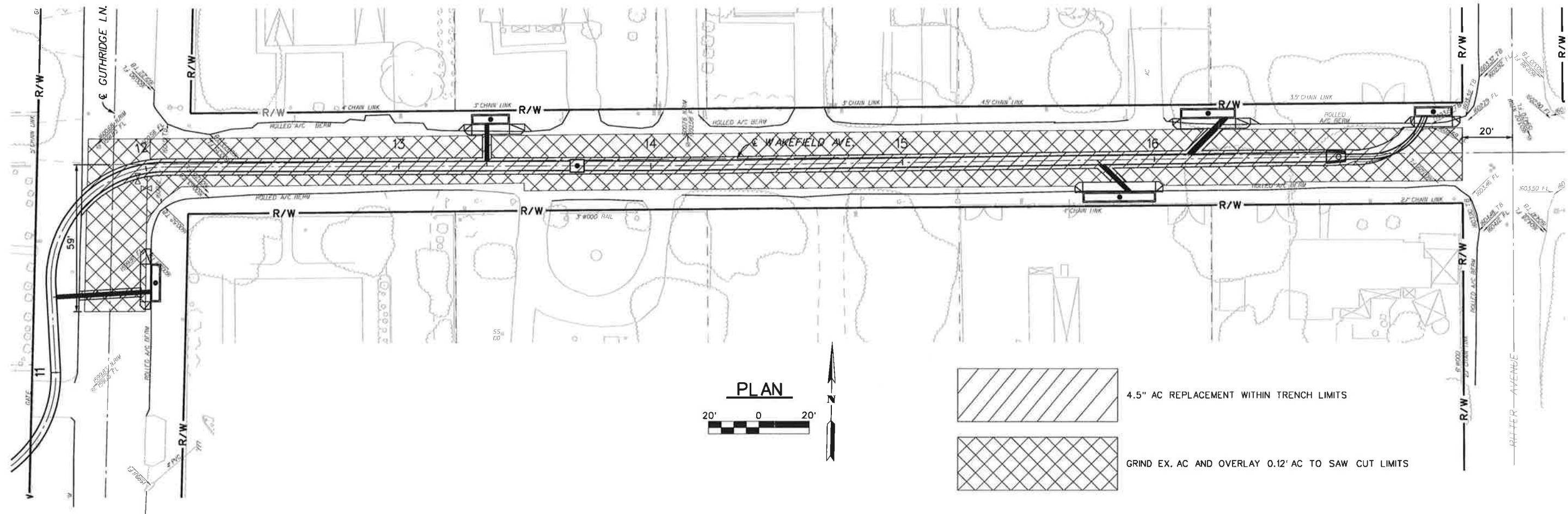
TYPICAL PROFILE AC DIKE DETAIL  
NTS

- NOTES**
- ① CONSTRUCT CALTRANS A87B TYPE D AC DIKE TRANSITION, AS DIRECTED BY ENGINEER.



★ PRELIMINARY ★  
SUBJECT TO REVISION

REVISIONS			RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT			HOMELAND MDP LINE 2  STAGE 2  AC DIKE DETAIL		PROJECT NO. 4-0-00337	
								DRAWING NO. 4-1009	
			DESIGNED BY: HAE, KRG, HKT			RECOMMENDED FOR APPROVAL BY:		APPROVED BY:	
			DRAWN BY: MARK UPTON						
			DATE DRAWN: FEB 2011			DATE: _____		DATE: _____	
REF.	DESCRIPTION	APPR.	DATE						



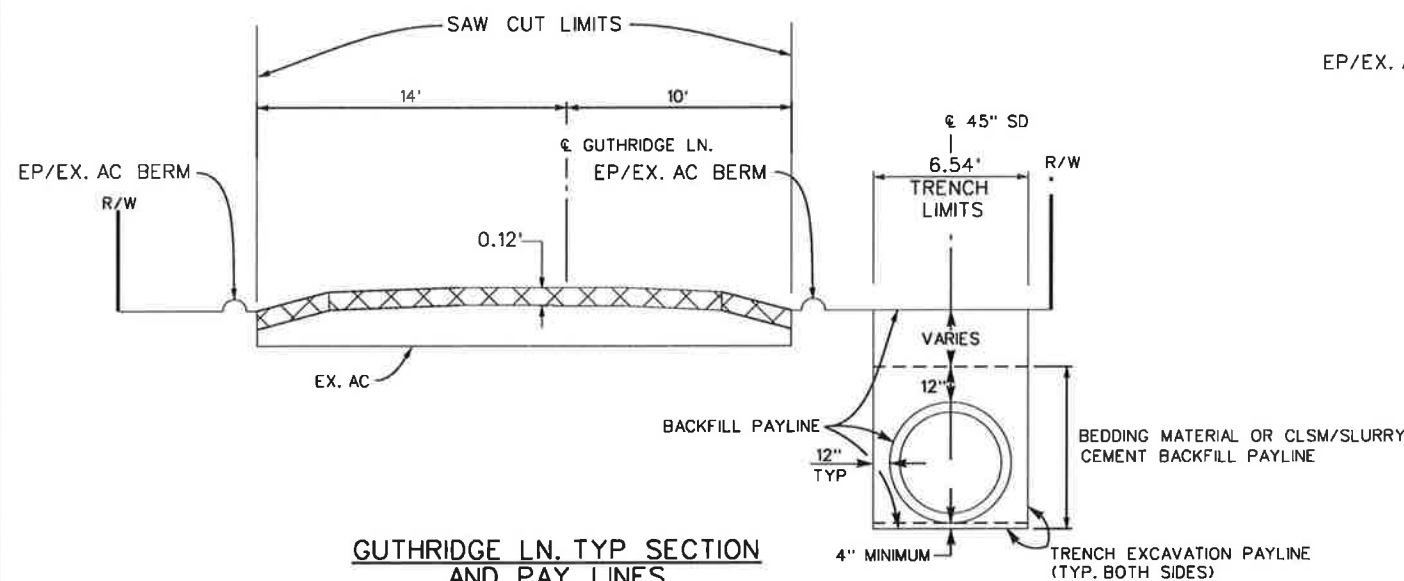
PLAN



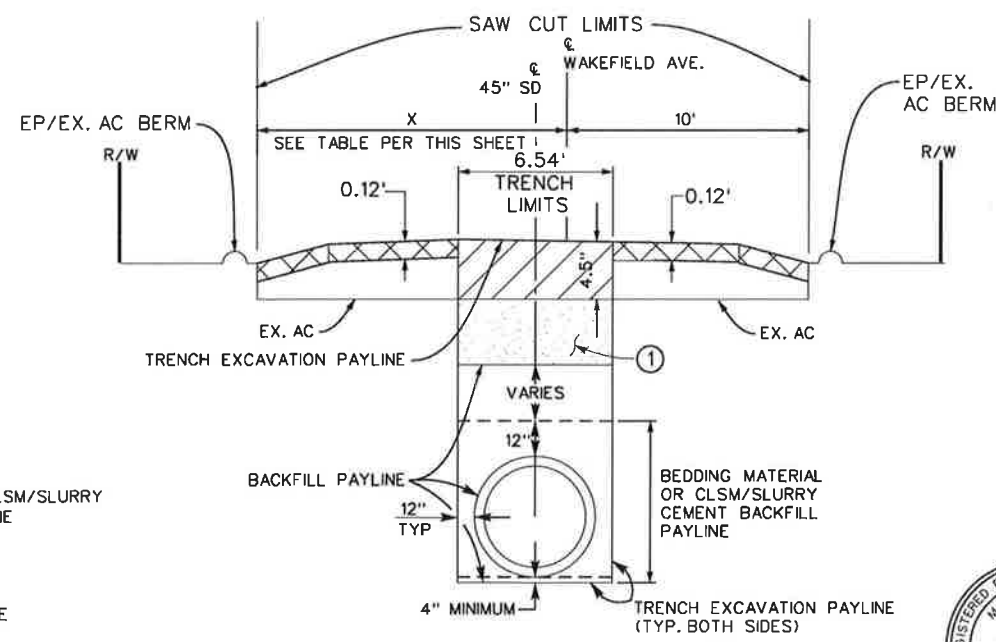
4.5" AC REPLACEMENT WITHIN TRENCH LIMITS



GRIND EX. AC AND OVERLAY 0.12' AC TO SAW CUT LIMITS



GUTHRIDGE LN. TYP SECTION  
AND PAY LINES  
STA. 10+00.00 TO STA. 11+70.29  
NTS



WAKEFIELD AVE. TYP SECTION  
AND PAY LINES  
STA. 11+70.29 TO STA. 17+14.85  
NTS

TABLE		
START STA.	END STA.	X
STA. 12+16.00	STA. 13+50.00	9.00'
STA. 13+50.00	STA. 16+50.00	12.00'
STA. 16+50.00	20' WEST OF RITTER AVE C	11.00'

NOTES  
① PLACE 6" CLASS 2 AGGREGATE BASE



PRELIMINARY  
SUBJECT TO REVISION

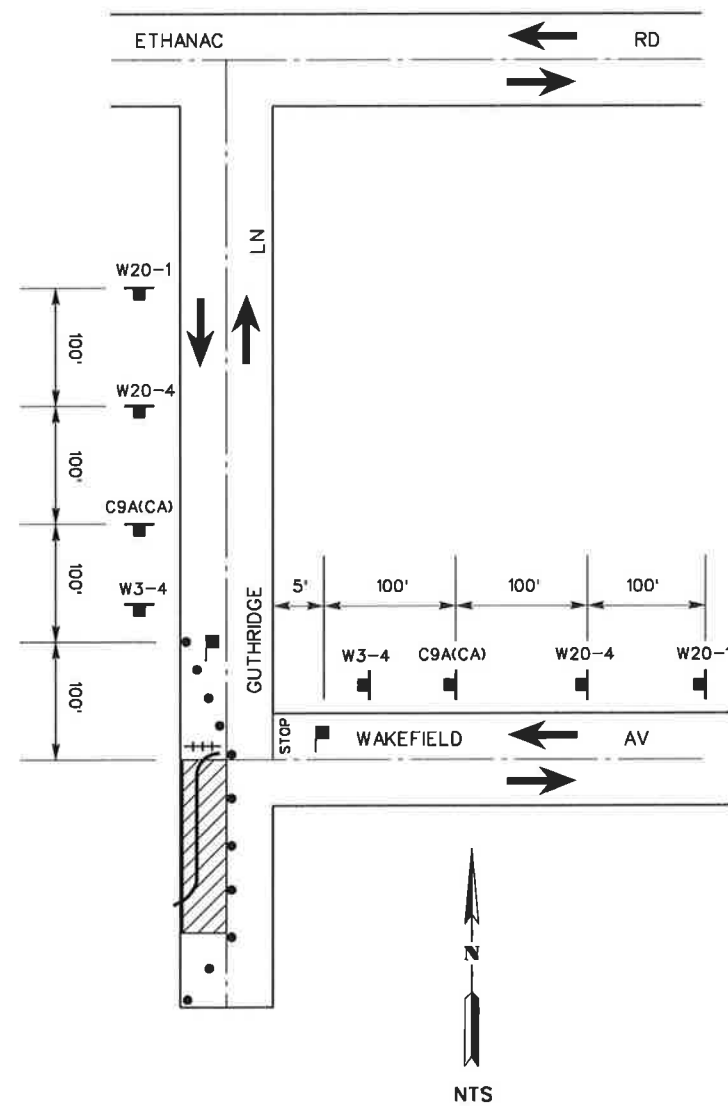
REVISIONS		
REF.	DESCRIPTION	APPR. DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		
DESIGNED BY: HAE, KRG, HKT	RECOMMENDED FOR APPROVAL BY:	APPROVED BY:
DRAWN BY: MARK UPTON		
DATE DRAWN: FEB 2011	DATE:	DATE:

HOMELAND MDP LINE 2  
STAGE 2  
PAVING PLAN

PROJECT NO.  
4-0-00337  
DRAWING NO.  
4-1009  
SHEET NO.  
8 OF XY





GUTHRIDGE LANE CLOSURE

LEGEND	
	CONSTRUCTION SIGNS
	TYPE III BARRICADE
	DIRECTION OF TRAVEL
	CONSTRUCTION AREA
	FLAGGER
	CONES
C9A(CA)	FLAGGER SYMBOL
W20-1	ROAD WORK AHEAD
W20-4	ONE LANE ROAD AHEAD
W3-4	BE PREPARED TO STOP

### NOTES

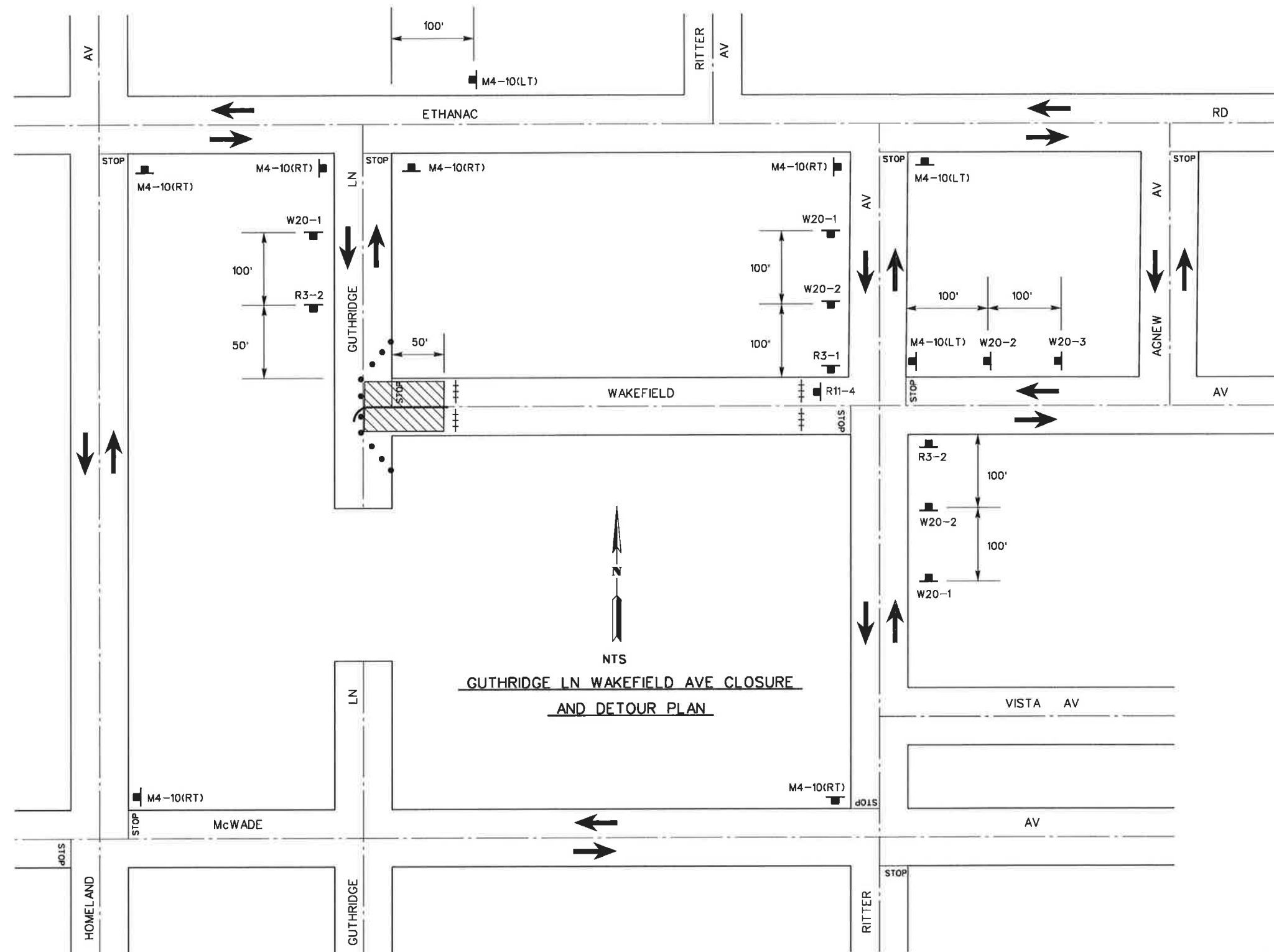
1. THESE ARE THE MINIMUM TRAFFIC CONTROL REQUIREMENTS. ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED TO FACILITATE PUBLIC SAFETY AND TRAFFIC FLOW IF DEEMED NECESSARY BY THE ENGINEER OR RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT.
2. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD JANUARY 21, 2010 EDITION).
3. SPECIAL CONSTRUCTION SIGNS SHALL BE MANUFACTURED USING MINIMUM 3" UPPER CASE BLACK LETTERS AND A BLACK BORDER ON AN ORANGE REFLECTIVE BACKGROUND.
4. FLASHING YELLOW BEACONS, TYPE B, SHALL ILLUMINATE ALL W20-1 SIGNS AND TYPE III BARRICADES USED AT THE WORK AREA DURING HOURS OF DARKNESS.
5. ALL TRENCHES SHALL BE BACK FILLED OR PLATED AT THE END OF EACH WORK DAY TO ALLOW VEHICULAR TRAFFIC.
6. PRIVATE PROPERTY AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
7. SPECIAL CONSTRUCTION SIGNS SHALL BE POSTED A MINIMUM OF 1 WEEK PRIOR TO CLOSING THE ROADWAY.



★ **PRELIMINARY** ★  
SUBJECT TO REVISION

REVISIONS			RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT			HOMELAND MDP LINE 2 STAGE 2 TRAFFIC PLAN	PROJECT NO. 4-0-00337 DRAWING NO. 4-1009 SHEET NO. 9 OF XY
REF.	DESCRIPTION	APPR.	DATE	DESIGNED BY: HAE, KRG, HKT DRAWN BY: MARK UPTON DATE DRAWN: FEB 2011	RECOMMENDED FOR APPROVAL BY: DATE: _____	APPROVED BY: DATE: _____	





**LEGEND**

- CONES
- CONSTRUCTION SIGNS
- +++ TYPE III BARRICADE
- ← DIRECTION OF TRAVEL
- ▨ CONSTRUCTION AREA

R11-2 ROAD CLOSED  
 R11-4 ROAD CLOSED TO THRU TRAFFIC  
 W20-1 ROAD WORK AHEAD  
 W20-2 DETOUR AHEAD  
 W20-3 ROAD CLOSED AHEAD  
 M4-80 END DETOUR  
 M4-10(LT) DETOUR  
 M4-10(RT) DETOUR  
 R3-1 NO RIGHT TURN  
 R3-2 NO LEFT TURN

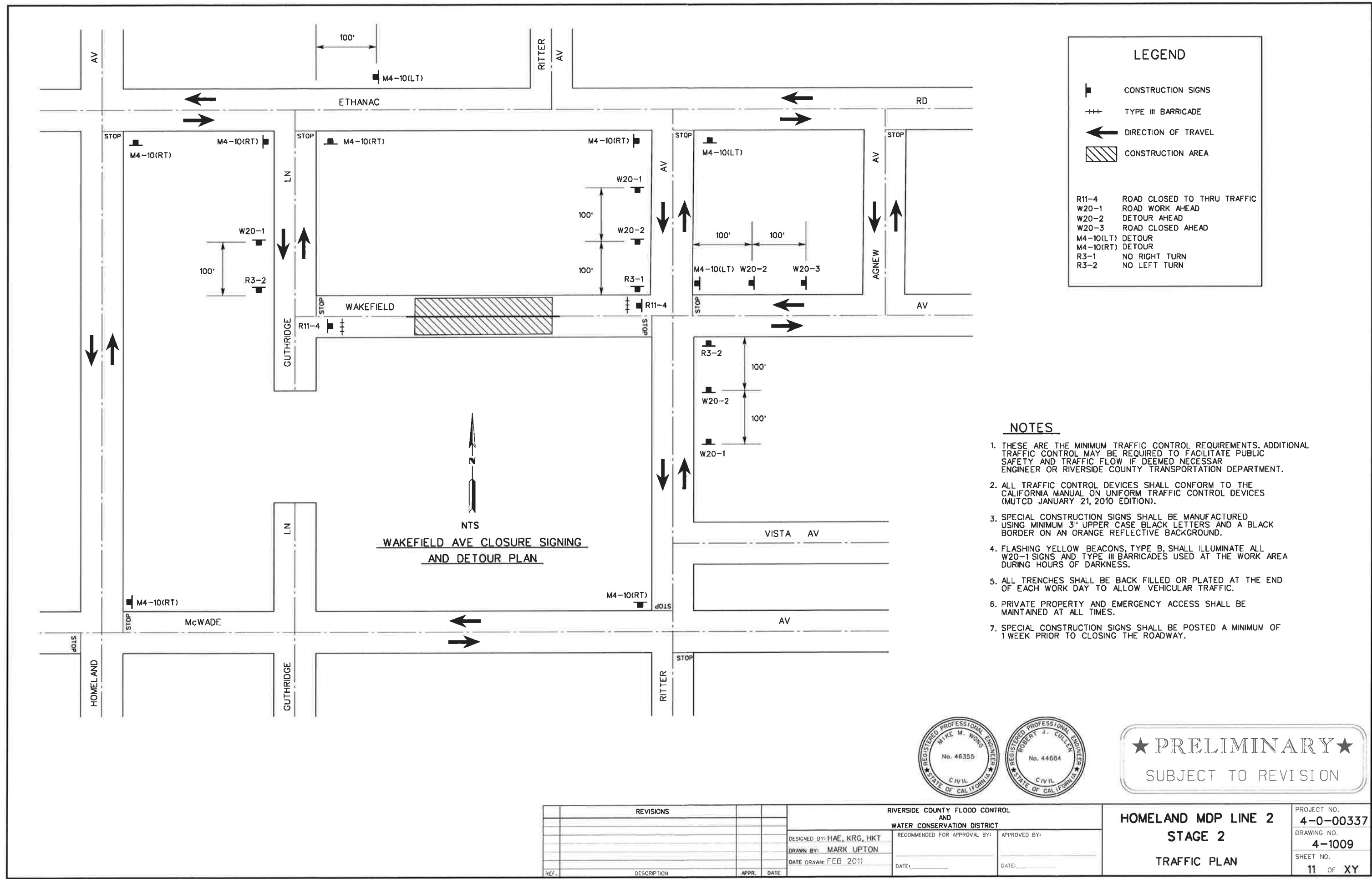
**NOTES**

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- PRIVATE PROPERTY AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
- SPECIAL CONSTRUCTION SIGNS SHALL BE POSTED A MINIMUM OF 1 WEEK PRIOR TO CLOSING THE ROADWAY.



★ **PRELIMINARY** ★  
 SUBJECT TO REVISION

REVISIONS				RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT			<b>HOMELAND MDP LINE 2 STAGE 2</b>  TRAFFIC PLAN	PROJECT NO. <b>4-0-00337</b> DRAWING NO. <b>4-1009</b> SHEET NO. <b>10 OF XY</b>
REF.	DESCRIPTION	APPR.	DATE	DESIGNED BY: HAE, KRG, HKT	RECOMMENDED FOR APPROVAL BY:	APPROVED BY:		
				DRAWN BY: MARK UPTON				
				DATE DRAWN: FEB 2011	DATE:	DATE:		



LEGEND

CONSTRUCTION SIGNS

TYPE III BARRICADE

DIRECTION OF TRAVEL

CONSTRUCTION AREA

R11-4

ROAD CLOSED TO THRU TRAFFIC

W20-1

ROAD WORK AHEAD

W20-2

DETOUR AHEAD

W20-3

ROAD CLOSED AHEAD

M4-10(LT)

DETOUR

M4-10(RT)

DETOUR

R3-1

NO RIGHT TURN

R3-2

NO LEFT TURN

NOTES

1. THESE ARE THE MINIMUM TRAFFIC CONTROL REQUIREMENTS. ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED TO FACILITATE PUBLIC SAFETY AND TRAFFIC FLOW IF DEEMED NECESSAR ENGINEER OR RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT.
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7. SPECIAL CONSTRUCTION SIGNS SHALL BE POSTED A MINIMUM OF 1 WEEK PRIOR TO CLOSING THE ROADWAY.



★ PRELIMINARY ★

SUBJECT TO REVISION

REVISIONS			RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT			HOMELAND MDP LINE 2 STAGE 2 TRAFFIC PLAN		PROJECT NO. 4-0-00337
			DESIGNED BY: HAE, KRG, HKT	RECOMMENDED FOR APPROVAL BY:	APPROVED BY:	DRAWING NO. 4-1009		SHEET NO. 11 OF XY
			DRAWN BY: MARK UPTON					
			DATE DRAWN: FEB 2011	DATE:	DATE:			
REF.	DESCRIPTION	APPR.	DATE					



**M E M O R A N D U M**  
**RIVERSIDE COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT**

**DATE:** August 31, 2011

**TO:** Kecia Harper-Ihem, Clerk of the Board

**FROM:** Arturo Diaz, Senior Civil Engineer *AD*

**RE:** Homeland MDP Line 2, Stage 2  
Project No. 4-0-00337-02

District staff intends to bring a CEQA action on the above referenced project to the Board on September 13, 2011. The CEQA Notice of Determination (NOD) will need to be posted at the County Clerk-Recorder's office within five days of the Board's approval. It is our understanding that your office is responsible for ensuring that the NOD is posted following the Board's approval.

The County Clerk-Recorder's office requires that a total of \$64.00 in fees be paid before they will post the NOD. We are attaching an Authorization to Bill Form for the County Clerk-Recorder in the amount of \$64.00. Please use this form to post the NOD at the Clerk-Recorder's office.

When transmitting the NOD to the Clerk-Recorder's Office, please inform them that the California Department of Fish and Game Fees were previously paid when a NOD was posted on April 3, 2006 by the District for the overall project. To demonstrate this to the Clerk-Recorder's Office, we are attaching a copy of the previously filed NOD and the related Environmental Filing Fee Cash Receipt. Thus, a total of \$64.00 is required to post the NOD at this time.

If you have any questions regarding this matter, please contact Kahlil Amin at 55418 or me at 51233. We would like to thank you in advance for your assistance in this matter.

Attachments

KAA:mcv  
P8\138698

3011 WIC 31 62 3:28

3011-8-109209

## Notice of Determination

## Appendix D

To: County Clerk  
County of Riverside  
2724 Gateway Drive  
Riverside, CA 92507

From: Riverside County Flood Control  
1995 Market Street  
Riverside, CA 92501  
Contact: Arturo Diaz  
Phone: 951.955.1233

### SUBJECT:

#### Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

State Clearinghouse Number (if submitted to State Clearinghouse): 2003111131

#### Project Title:

Addendum to the Certified Homeland/Romoland MDP Final EIR-Homeland MDP Line 2, Stage 2 Project

#### Project Location (include county):

The proposed project is located within the unincorporated Homeland area of Riverside County, California. The project area is generally bounded by Pinacate Road to the north, McWade Avenue to the south, Ritter Avenue to the east, and Homeland Avenue to the west. The proposed project is located within Township 5 South, Range 2 West, Section 17 of the Winchester, California 7.5 minute US Geological Survey (USGS) Topographic Quadrangle.

#### Project Description:

The proposed project consists of the construction and maintenance of Homeland MDP Line 2, Stage 2 (Stage 2) formally analyzed in the previously certified Homeland Master Drainage Plan (Revision No. 1), Romoland Master Drainage Plan (Revision No. 1), Homeland/Romoland Area Drainage Plan (Amendment No. 1) Final EIR. Stage 2 consists of an underground storm drain system comprised of approximately 750 lineal feet of 45-inch diameter reinforced concrete pipe (RCP) and minor appurtenances (i.e. connector pipes and catch basins) within street rights-of-way. Stage 2 follows the alignment evaluated in the Final EIR and begins at the existing interim basin located at the intersection of Guthridge Lane and Wakefield Avenue, continues east on Wakefield Avenue and ends at the intersection of Wakefield Avenue and Ritter Avenue. Due to constraints of the existing downstream storm drain system, Stage 2 will provide less than the 10-year flood protection specified in the Homeland MDP.

New information considered includes detailed Air Quality and Hazardous Materials analysis as required by the Final EIR mitigation measures, and greenhouse gas analysis to comply with recent CEQA updates. After evaluation of Stage 2 impacts from minor changes and new information, it was determined that none of the conditions described in Section 15162 of the CEQA Guidelines calling for the preparation of a subsequent MND or EIR have occurred, and further CEQA review is not required.

This is to advise that the Riverside County Flood Control and Water Conservation District has accepted the Addendum and has  
(☒ Lead Agency or ☐ Responsible Agency)

approved the above described project on September 2011 and has made the following determinations regarding the above described project:

1. An Addendum to the certified Final EIR was prepared for this project pursuant to the provisions of CEQA.
2. The project will not have significant unavoidable adverse impacts on the environment.
3. A Mitigation Reporting/Monitoring Plan was adopted with the Final EIR.
4. No new mitigation measures were made a condition of the approval of this project.
5. Findings and a Statement of Overriding Considerations were not adopted for the proposed project since significant impacts were not identified.

This is to certify that the Addendum, supporting documentation, and record of approval are available to the General Public at: Office of Clerk of the Board, County Administrative Center, 4080 Lemon Street, Riverside, CA 92501

\_\_\_\_\_  
Signature (Public Agency)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

Date received for filing at OPR:

Revised 2004

Authority cited: Sections 21083 and 21087, Public Resources Code.

Reference: Sections 21000-21174, Public Resources Code.

P8\136852

# RIVERSIDE COUNTY CLERK-RECORDER

## AUTHORIZATION TO BILL

### TO BE FILLED OUT BY SUBMITTING AGENCY

DATE: 6/16/2011 BUSINESS  
UNIT/AGENCY: FLOOD CONTROL - FCARC

#### ACCOUNTING STRING:

ACCOUNT: 526410 FUND: 25140

DEPT ID: 947460 PROGRAM:

AMOUNT: \$64.00


REF: CEQA Final Posting Homeland MDP line 2, stage 2

THIS AUTHORIZES THE COUNTY CLERK & RECORDER TO ISSUE AN INVOICE  
FOR PAYMENT OF ALL FEES FOR THE ACCOMPANYING DOCUMENTS.

NUMBER OF DOCUMENTS INCLUDED: 1

AUTHORIZED BY: Stuart E McKibbin

PRESENTED BY: Art Diaz

CONTACT: Lisa MacFarland 951-955-8454 

### TO BE FILLED OUT BY COUNTY CLERK

ACCEPTED BY:

DATE:

DOCUMENT NO(S)/INVOICE NO(S):

**Notice of Determination****Appendix D**

To: Office of Planning and Research

From: Riverside County Flood Control  
and Water Conservation District  
1995 Market Street  
Riverside, CA 92501  
Contact: Teresa Tugue  
Phone: 951.955.1233

For U.S. Mail:  
P.O. Box 3044  
Sacramento, CA 95812-3044

Street Address:  
1400 Tenth Street  
Sacramento, CA 95814

County Clerk  
County of Riverside  
2724 Gateway Drive  
Riverside, CA 92507

**FILED**  
RIVERSIDE COUNTY  
APR 03 2006

By M. Meyer M. Meyer  
Deputy

**SUBJECT:****Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.**State Clearinghouse Number (if submitted to State Clearinghouse): 2003111131

**Project Title:** Homeland Master Drainage Plan (Revision No. 1), Romoland Master Drainage Plan (Revision No. 1) and  
Homeland/Romoland Area Drainage Plan (Amendment No. 2)

**Lead Agency:** Riverside County Flood Control and Water Conservation District

**Project Location (include county):** The proposed project site is located within the city of Perris as well as in unincorporated Riverside County in the communities of Homeland and Romoland. The proposed projects are generally bounded by the Lakeview Mountains toward the north and east, Rouse Road and Double Butte Mountains toward the south and the San Jacinto River Channel toward the west

**Project Description:** The proposed project consists of revisions of two existing Master Drainage Plans (MDPs), amendment of the existing Area Drainage Plan (ADP), and construction and subsequent maintenance of the proposed drainage facilities. Revisions will be made to the current MDP for the Romoland area (Romoland MDP Revision No. 1), the current MDP for the Homeland area (Homeland MDP Revision No. 1) and the Homeland/Romoland Area Drainage Plan (Homeland/Romoland ADP Amendment No. 2). The ADP for the Homeland/Romoland Area is a funding mechanism for construction of the proposed facilities contained in each of the MDPs being addressed.

This is to advise that the Riverside County Flood Control and Water Conservation District has approved the above described project on January 24, 2006 and has made the following determinations regarding the above described project:  
(Date)

1. The project will have a significant effect on the environment.
2. An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures were made a condition of the approval of the project.
4. A mitigation reporting or monitoring plan was adopted for this project.
5. A statement of Overriding Considerations was adopted for this project.
6. Findings were made pursuant to the provisions of CEQA.

APR 03 2006

574.06

M. Meyer Deputy  
State of California

This is to certify that the Final EIR with comments and responses and record of project approval is available to the General Public at:  
The Office of the Clerk to the Board, County Administrative Center, 4080 Lemon Street, Riverside, CA 92501  
Adopted by the Riverside County Board of Supervisors on March 28, 2006.

Sandi Schlemmer  
Signature (Public Agency)

Senior Board Assistant

Title

Sandi Schlemmer for Nancy Romero, Clerk of the Board

March 28, 2006

Date

Date received for filing at OPR:

**Revised 2004**

Authority cited: Sections 21083 and 21087, Public Resources Code.  
Reference: Sections 21000-21174, Public Resources Code.

03.28.06 11.2

STATE OF CALIFORNIA - THE RESOURCES AGENCY  
DEPARTMENT OF FISH AND GAME  
ENVIRONMENTAL FILING FEE CASH RECEIPT

Receipt # 200600378

Lead Agency: RIVERSIDE CO. FLOOD CONTROL & WATER CONSERV. DIST Date: 04/03/2006

County Agency of Filing: Riverside Document No: 200600378

Project Title: HOMELAND MASTER DRAINING PLAN (REV #1) ROMOLAND MDP #1

Project Applicant Name: RIVERSIDE CO. FLOOD CONTROL & WATER CONSERV. Phone Number: 951 955-1233

Project Applicant Address: 1995 MARKET ST RIVERSIDE, CA 92501

Project Applicant: Local Public Agency

CHECK APPLICABLE FEES:

- ☒ Environmental Impact Report  
☐ Negative Declaration  
☐ Application Fee Water Diversion (State Water Resources Control Board Only)  
☐ Project Subject to Certified Regulatory Programs  
☒ County Administration Fee  
☐ Project that is exempt from fees (DeMinimis Exemption)  
☐ Project that is exempt from fees (Notice of Exemption)

\$850  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\$64.00  
\_\_\_\_\_

Total Received 914

Signature and title of person receiving payment: 

Notes: