Appendix F Minimization and/or Mitigation Summary

ENVIRONMENTAL COMMITMENT RECORD

COUNTY ALAMEDA **ROUTE** 880

EA 04-0A7100

POSTMILE 28.4/29.2

ORIGINATING DATE: 4/6/2009

CURRENT DATE: 3/31/2010

ECR LAST REVISED DATE:

CONTRACT COMPLETION AND ACCEPTANCE DATE:

PROJECT PHASE

- **PA&ED 1/2010**
- **35% PS&E 5/2009**
- **65% PS&E 6/2010**
- **100% PS&E/ENV. CERTIFICATION 4/2011**
- **PRECONSTRUCTION 7/2011**
- **CONSTRUCTION 10/2011**
- **POST CONSTRUCTION 1/2014**
- **CERT. OF ENV COMPLIANCE**

PROJECT DESCRIPTION

At I-880/29th Avenue: Reconstruct 29th Avenue overcrossing, Relocate northbound I-880/Lisbon Avenue on-ramp to 29th Avenue, Construct a soundwall on the east side of the relocated on-ramp, Reconfigure the northbound I-880/29th Avenue off-ramp. At 1-880/23rd Avenue: Reconstruction 23rd Avenue overcrossing, Reconfigure northbound I-880/23rd Avenue on- and off-ramps. At northbound I-880 between 29th Avenue and 23rd Avenue: Lengthen auxiliary lanes on northbound I-880 between 29th Avenue and 23rs Avenue.

CONTACTS

PROJECT MANAGER

PROJECT ENGINEER

ENV GENERALIST/COORDINATOR

BIOLOGY (CM3)

CULTURAL STUDIES

HAZARDOUS WASTE

ENVIRONMENTAL LIAISON

RESIDENT ENGINEER

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS

ENVIRONMENTAL COMMITMENTS

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
STORMWATER/WATER QUALITY						
SW-1 (WQ-1)	**STORM WATER POLLUTION PREVENTION PLAN** --All applicable BMPs must be implemented in order to prevent impacts to the drainages in the project area.	RE/Storm Water	Construction		Water Quality Assessment Report (WQAR) 03/11/09 p. 5-1 NPDES ED 04/01/10 p.181	
SW-2 (WQ-1)	**NOTIFICATION OF CONSTRUCTION** --The Project Engineer is required to file the NOC at least 30 days prior to the start of construction.	PE/Stormwater	At bid award		WQAR 03/11/09 p. 5-1 San Francisco RWQCB ED 04/01/10 p.181	
SW-3 (WQ-1)	**AMMENDED NOTICE OF CONSTRUCTION** The Resident Engineer must file an amended NOC.	RE/Storm Water	Between Pre-construction meeting and start of construction		San Francisco RWQCB ED 04/01/10 p.181	Once the project goes to the RE, the NOC will contain missing or inaccurate information, such as the RE's name or construction office address. The RE must correct this by filing an amended NOC
SW-4 (WQ-1)	**NOTICE OF CONSTRUCTION COMPLETION** The Resident Engineer must file a NOCC	RE/Storm Water	Completion of construction		WQAR 03/11/09 p. 5-1 San Francisco RWQCB ED 04/01/10 p.181	
WQ-2	Consideration and incorporation of design pollution prevention (DPPs) and Treatment Control BMPs for the Project in accordance with the procedures outlined in the Stormwater				WQAR 03/11/09 p. 5-1 San Francisco RWQCB ED 04/01/10	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
	Quality Handbooks, Project Planning and Design Guide (May 2007 or subsequent issuance) will be followed. This will include coordination with the San Francisco RWQCB with respect to feasibility, maintenance, and monitoring of Treatment Control BMPs as set forth in the Department's Statewide SWMP.				p.181	
WQ-3	During dewatering activities, if necessary, the provision of the General Waste Discharge requirements for discharges to surface waters that pose an insignificant (de minimis) Threat to Water Quality will be required.				San Francisco RWQCB ED 04/01/10 p.181	

AIR QUALITY

AQ-1	During clearing, grading, earth moving, or excavation operations, excessive fugitive dust emissions shall be controlled by regular watering or other dust preventive measures using BAAQMD dust control measures.		Construction		ED 04/01/10 p.212 AQA p. 49	
AQ-2	All trucks that are to haul excavated or graded materials on-site shall comply with State Vehicle Code Section 23114, with special attention to Sections 23114(b)(F), (e)(2) and (e)(4) as amended, regarding the prevention of such material spilling onto public streets and roads.		Construction		ED 04/01/10 p.213 AQA p. 49	
AQ-3	The contractor shall adhere to Caltrans Standard Specifications for Construction (Sections 10 and 18 [Dust Control] and Section 39-3.06 [Asphalt Concrete Plant Emissions]).		Construction		ED 04/01/10 p.213 AQA p. 49	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
BIOLOGY						
BIO-1	To avoid potential impacts and to ensure that the Proposed Project does not result in take of migratory birds protected under the MBTA, their nests or eggs, the construction contractor will implement the following avoidance measure BIO-2 (provided below) prior to and during construction in the study area.				ED 04/01/10 p. 247	
BIO-2	If tree or shrub removal activities are scheduled to occur during the migratory bird breeding season (typically April 1 through July 31), then a qualified biologist will conduct a pre-construction survey for migratory bird nests in all areas that present suitable nesting habitat and will be impacted by construction. Active nests will be marked at a safe distance with visible flagging and the construction crew supervisor will be made aware of these locations. Construction may commence in all areas without active migratory bird nests. All migratory bird nests will remain undisturbed while they are active. After a nest ceases to be active (fledges or fails), and the qualified biologist has made this determination, construction may proceed in the area. If construction is initiated in one breeding season and persists into subsequent breeding		Construction		ED 04/01/10 p. 247 NES (MI) p. 5-1	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
	seasons, additional surveys are not necessary unless construction activities involve additional tree or shrub removal.					

CULTURAL

CULT-1	If cultural materials are discovered during construction, all earth-moving activity within and around the immediate discovery area will be diverted until a qualified archaeologist can assess the nature and significance of the find.		Construction		Caltrans Policy ED 04/01/10 p. 178	Contact The District Environmental Branch Chief (DEBC), Christie Hammond ([909] 383-6933) or District Native American Coordinator (DNAC), Karen K. Swope ([909] 383-4042) if any cultural elements or human remains are discovered. An additional survey will be required if the project changes to include areas not previously surveyed for cultural resources.
CULT-2	If human remains are discovered, State Health and Safety Code Section 7050.5 states that further disturbances and activities shall cease in any area or nearby area suspected to overlie remains, and the County Coroner contacted. Pursuant to Public Resources Code Section 5097.98, if the remains are thought to be Native American, the coroner will notify the Native American Heritage Commission (NAHC) who will then notify the Most Likely Descendent (MLD). At this time, the person who discovered the remains will contact the District Environmental Branch so that they may work with the MLD on the respectful treatment and disposition of the remains. Further provisions of PRC 5097.98 are to be followed as applicable.		Construction		ED 04/01/10 p. 178	Contact The District Environmental Branch Chief (DEBC), Christie Hammond ([909] 383-6933) or District Native American Coordinator (DNAC), Karen K. Swope ([909] 383-4042) if any cultural elements or human remains are discovered. An additional survey will be required if the project changes to include areas not previously surveyed for cultural resources.

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
HAZARDOUS WASTE/MATERIALS						
HAZ-1	Prior to construction, ADL surveys and testing will be conducted so that any special handling, treatment, or disposal provisions associated with ADL may be included in construction documents (if any ADL is present), ensuring compliance with any applicable special handling, treatment and/or disposal requirements for ADL material.		Prior to construction		ED 04/01/10 p.195	
HAZ-2	Destructive sampling techniques were not employed during this ACMs and LBP survey. Therefore, there is a chance that additional suspect ACMs may be found during proposed renovations or demolition activities within the Project area. Should additional suspect materials, not sampled or assessed in this report, be uncovered during renovation or demolition activities; (a) samples of suspect material should be collected for laboratory analysis, and all activities which may impact the materials should cease until laboratory analysis, or; (b) the materials should be assumed to be hazardous and handled as such.		Construction		ED 04/01/10 p.196	
HAZ-3	The identified materials/components with lead-based or lead-containing paint should not be sawed, burned, ground into mulch, or reused, and based on their condition, should be disposed of in a properly licensed landfill. Demolition/renovation workers should be protected according to the		Construction		ED 04/01/10 p.196	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
	provisions of 8 CCR 1532, "Lead in Construction." Prior to demolition, a licensed lead-based paint removal contractor should remove the lead-based paint that is chipping or peeling from its substrate. The substrate can then be disposed of as construction debris. The remaining lead waste should be tested in accordance with Title 22 waste characterization requirements. Based upon the results of these tests, the waste should be disposed of appropriately.					
HAZ-4	Any transformers to be relocated during construction activities should be conducted under the purview of the local utility purveyor to identify proper handling procedures regarding potential PCBs.		Construction		ED 04/01/10 p.196	
HAZ-5	Use standard construction controls and safety procedures, which would avoid and minimize the potential for accidental release of hazardous substances into the environment. Standard construction practices would be observed such that any materials released are appropriately contained and remediated as required by local, state, and federal law.		Construction		ED 04/01/10 p.196	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
COMMUNITY RESOURCES						
COMM-1	Pedestrian access points to businesses and facilities within the construction area will be maintained throughout the construction period. If usual access points are lost, provisions for alternative access to the affected parcels will be made.		Construction		ED 04/01/10 p. 47	
COMM-2	Appropriate signage will be developed and displayed to direct both pedestrian and vehicular traffic to businesses via alternate routes.		Construction		ED 04/01/10 p. 47	
COMM-3	Appropriate streetlights will be installed to reduce safety hazards to pedestrians.		Construction		ED 04/01/10 p. 47	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
REL-1	The Uniform Relocation Assistance and Real Property Acquisitions Policies Act (Uniform Act) of 1970 (Public Law 91646, 84 Stat. 1894) mandates that certain relocation services and payments be made available to eligible residents, businesses, and nonprofit organizations displaced by its projects. The Act provides for uniform and equitable treatment by federal or federally assisted programs of persons displaced from their homes, businesses, or farms, and establishes uniform and equitable land acquisition policies. Oakland will provide affected property owners with a copy of the Uniform Act.		Pre-Construction		ED 04/01/10 p. 52	

AESTHETICS/VISUAL

VIS-1	The proposed soundwall along East 8th Street shall be constructed prior to implementation of construction activities for the 29th and 23rd Avenue Overcrossings in order to reduce potential nighttime lighting impacts associated with construction of the 29th and 23rd Avenue Overcrossings on sensitive uses. Should construction of the soundwall occur during nighttime hours, necessary lighting for safety and construction purposes shall be contained and directed toward the specific area of construction. Also, a temporary opaque barrier shall be used to limit potential light spillover onto adjacent residential uses.		Construction		VIA 04/13/07 p.53 ED 04/01/10 p.169	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
VIS-2	To maintain the context of the Project area (color, form, and texture), the Project shall install landscaping that is compatible with the existing landscape on the freeway and adjacent communities. Landscape shall include specimen-sized trees (where feasible), shrub/ground cover mass planting, and vines on walls to soften the hardscape features (including the new soundwall and roundabout feature [if implemented]), and reduce the negative environmental impacts (such as glare and radiant heat) from hardscape. The new landscape concept and plant palette shall be determined in consultation with the District Landscape Architect. Erosion control plant species utilized shall be determined by the District Landscape Architect to ensure that the mix and application strategy is appropriate for the specific soil composition of the area.		Plans, Specifications, and Estimate (PS&E) Phase Construction Post-Construction		VIA 04/13/07 p. 53 ED 04/01/10 p. 169	
VIS-3	To maintain consistency with the existing infrastructure (i.e., bridges, walls, sidewalks, etc.) in the Project area, landscape and/or architectural treatments (i.e., color, texture, etc.) for the structure elements (including the soundwall and potential roundabout feature) of the Project shall be determined in consultation with the District Landscape Architect during the Plans, Specifications, and Estimate (PS&E) phase.		Plans, Specifications, and Estimate (PS&E) Phase		VIA 04/13/07 p. 53 ED 04/01/10 p. 170	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
VIS-4	Project lighting types, plans, and placement shall be reviewed at the discretion of the District Landscape Architect in order to minimize light and glare impacts on surrounding sensitive uses.		Plans, Specifications, and Estimate (PS&E) Phase Pre-Construction		VIA 04/13/07 p. 54 ED 04/01/10 p. 170	

NOISE

NOI-1	Based on the studies completed to date, the Department intends to incorporate noise abatement in the form of (a) barrier(s), NB-1, at the Jingletown Neighborhood, Mary Help of Christian Church, and the Kennedy Tract Park, 1,600 feet long and 14 feet high. Calculations based on preliminary design data indicate that the barrier(s) will reduce noise levels up to 12 dBA for 42 residences at a cost of $1,819,480. If during final design conditions have substantially changed, noise abatement may not be necessary. The final decision of the noise abatement will be made upon completion of the Project design and the public involvement processes.				ED 04/01/10 p.239	
NOI-2	Based on the studies completed to date, the Department recommends noise abatement in the form of (a) barrier(s), (NB-3) and (NB-5) at Lazear Elementary, with respective lengths and average heights of the following: 300 feet long and 10 feet high for NB-3 and 95 feet long and 8 feet high for				ED 04/01/10 p.240	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
	NB-5. Calculations based on preliminary design data indicate that the barrier(s) will reduce noise levels from 7 dBA for 7 residences at a cost of $289,520. These soundwalls would be funded by the Project, yet constructed and maintained by the school. If during final design, conditions have substantially changed, noise abatement may not be necessary. The final decision of the noise abatement will be made upon completion of the Project design and the public involvement processes.					
NOI-3	Sound control shall conform to the provisions in Section 7-1.01I, Sound Control Requirements, or the Standard Specifications and these special provisions. The noise level from construction activities and equipment between 9:00 PM and 6:00 AM shall not exceed 86 dB at a distance of 50 feet.	Contractor	Construction		ED 04/01/10 p.240	
NOI-4	Construction activities will be restricted to daytime hours or employ the use of drilled pier foundations instead of driven piles. In addition, to minimize vibration impacts, drilled pier foundations instead of driven piles, using low-displacement driven H-piles or large-diameter pipe piles instead of concrete or small-diameter pipe piles, or pre-drilling a portion of the driven pile foundation will be utilized.				ED 04/01/10 p.240	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
NOI-5	Project specific measures necessary to minimize or eliminate adverse construction noise impacts on the community shall be incorporated into the Project plans and specifications.				NADR ED 04/01/10 p.240	

TRAFFIC/TRANSPORTATION

TRA-1	The Proposed Project impacts would be mitigated by and re-striping the eastbound approach to establish a left-turn pocket and optimizing the signal cycle length and phasing.				ED 04/01/10 p. 126	
TRA-2	The Proposed Project impacts would be mitigated by optimizing the signal cycle length and phasing.				ED 04/01/10 p. 127	
TRA-3	The Proposed Project impacts would be mitigated by re-striping the eastbound approach to include one from two lanes to three lanes in the eastbound direction); re-striping the westbound approach to include one left-turn pocket and one shared through-right lane (a reduction from two receiving lanes to one receiving lane in the westbound direction); adjusting the signal phasing to protect eastbound and westbound left-turns; and optimizing the signal cycle length and phasing. In addition to the geometric improvements, the signal timing and phasing would be optimized to improve intersection operations.				ED 04/01/10 p. 127	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
TRA-4	The Proposed Project impacts would be mitigated by optimizing the signal cycle length and phasing.				ED 04/01/10 p. 128	
TRA-5	The Proposed Project impacts would be mitigated by re-striping the northbound approach to include two left-turn lanes, one through-lane, and one (1) shared through-right-turn lane; and optimizing the signal cycle length and phasing.				ED 04/01/10 p. 128	
TRA-6	The Proposed Project impacts would be mitigated by optimizing the signal cycle length and phasing.				ED 04/01/10 p. 129	
TRA-7	The Proposed Project impacts would be mitigated by re-striping the eastbound approach to -establish a left turn pocket and optimizing the signal cycle length and phasing.				ED 04/01/10 p. 129	
TRA-8	The Proposed Project impacts would be mitigated by optimizing the signal cycle length and phasing.				ED 04/01/10 p. 129	
TRA-9	Additional improvements are not recommended for this intersection. The proposed intersection configuration would improve circulation in the Park Street Triangle for motorists, bicyclists, and pedestrians. The addition of the proposed pedestrian crosswalk on the eastern approach would result in				ED 04/01/10 p. 130	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
	increased vehicle queues in the eastbound direction.					
TRA-10	The Proposed Project impacts would be mitigated by re-striping the eastbound approach to include one left-turn pocket, one through lane, and one right-turn lane (an increase from two lanes to three lanes in the eastbound direction); re-striping the westbound approach to include one left-turn pocket and one shared through-right lane (a reduction from two receiving lanes to one receiving lane in the westbound direction); adjusting the signal phasing to protect eastbound and westbound left-turns; and optimizing the signal cycle length and phasing. In addition to the geometric improvements, the signal timing and phasing would be optimized to improve intersection operations.				ED 04/01/10 p. 131	
TRA-11	The Proposed Project impacts would be mitigated by optimizing the signal cycle length and phasing.				ED 04/01/10 p. 131	
TRA-12	The Proposed Project impacts would be mitigated by re-striping the eastbound approach to include one left-turn pocket, one through lane, and one right-turn lane (an increase from two lanes to three lanes in the eastbound direction); re-striping the westbound approach to				ED 04/01/10 p. 132	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
	include one left-turn pocket and one shared through-right lane (a reduction from two receiving lanes to one receiving lane in the westbound direction); adjusting the signal phasing to protect eastbound and westbound left-turns; and optimizing the signal cycle length and phasing. In addition to the geometric improvements, the signal timing and phasing would be optimized to improve intersection operations.					
TRA-13	The Proposed Project impacts would be mitigated by optimizing the signal cycle length and phasing.				ED 04/01/10 p. 132	
TRA-14	The Proposed Project impacts would be mitigated by optimizing the signal cycle length and phasing.				ED 04/01/10 p. 133	
TRA-15	The Proposed Project impacts would be mitigated by optimizing the signal cycle length and phasing.				ED 04/01/10 p. 133	
TRA-16	The Proposed Project impacts would be minimized by the implementation of a Traffic Management Plan.				ED 04/01/10 p. 133	

UTILITIES AND EMERGENCY SERVICES

UE-1	Prior to commencement of construction, the Project Engineer shall coordinate with all affected utility purveys to establish exact procedures and specifications for all facilities to be				ED 04/01/10 p. 54	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
	relocated during construction. Additionally, the Project Engineer shall notify other service purveyors in the vicinity of the improvements to verify that the proposed activities will not disrupt services to the community.					
UE-2	If relocation of any utilities requires use of area(s) beyond the construction footprint currently associated with the Build Alternative studies will be reviewed or performed as appropriate and applicable measures will be implemented.				ED 04/01/10 p. 54	
UE-3	If any ramps are determined during final design to need to be closed for more than 10 consecutive days, a ramp closure study will be performed and the results, including determination of any warranted measures, will be implemented.				ED 04/01/10 p. 54	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
GEOLOGY/SOILS/SEISMIC/TOPOGRAPHY						
GEO-1	The Project will be constructed in accordance with the CBC and all applicable Department standards and regulations.	Geotechnical Engineer / Engineering Geologist	Construction		ED 04/01/10 p.189	
GEO-2	Mix surficial soil with lime to reduce the expansion characteristic of the soil or remove the surficial soil and replace with a nonexpansive material.	Geotechnical Engineer / Engineering Geologist	Construction		Geologic Impact Report 11/14/08 p. 13 ED 04/01/10 p.189	
GEO-3	Provide appropriate vegetative and hardscape coverage to stabilize soil against wind and water erosion, construct erosion resistant drainage structures to collect and divert surface water away from slopes to suitable discharge points.	Geotechnical Engineer / Engineering Geologist	Construction		Geologic Impact Report 11/14/08 p. 13 ED 04/01/10 p.189	
GEO-4	Use drilled piers in lieu of driven piles, use low-displacement piles, or pre-drilling pile locations prior to driving.	Geotechnical Engineer / Engineering Geologist	Construction		ED 04/01/10 p.189	
GEO-5	Use drilled piers in lieu of driven piles, use low-displacement piles, or pre-drilling pile locations prior to driving or complete an additional study to evaluate the risk of public health and design the appropriate in-situ remediation or containment and siposal methodolgy for impacts to harardous spoils..	Geotechnical Engineer / Engineering Geologist	Construction		ED 04/01/10 p.189	

NO.	DESCRIPTION OF COMMITMENT	RESPONSIBLE PARTY/MONITOR	TIMING/PHASE	TASK COMPLETED (Sign and Date)	COMMITMENT SOURCE	COMMENTS
GEO-6	Use driven pile foundations in lieu of drilled piers, or additional study to evaluate the risk to public health and design the appropriate in-situ remediation or containment and disposal methodology.				ED 04/01/10 p.190	
GEO-7	Construct temporary swales to divert surface water from exposed soil, instal silt fences and desilting basins to retain eroded soil, cover slopes of exposed soil with tarps or jute netting, and adhere to a Storm Water Pollution Prevention Plan with appropriate monitoring.	Geotechnical Engineer / Engineering Geologist	Construction		ED 04/01/10 p.190	

PERMITS AND AGREEMENTS

AGENCY	Type	Issue Date	Expiration Date
Regional Water Quality Control Board	401 Water Discharge Certification (Technically-conditioned Certification)		
	Permit to Construct		
United States Fish and Wildlife Service	Section 7 Consultation for Threatened and Endangered Species Review Desert Tortoise Not Likely Letter Biological Opinion	Consultation in process 10/4/06	N/A
	Freeway Agreement	Freeway agreement will be finalized after the route adoption by the California Transportation Commission	

CERTIFICATE OF ENVIRONMENTAL COMPLIANCE AT CONTRACT COMPLETION AND ACCEPTANCE

EA: 04-0A7100
County: Alameda Route: 880 Postmile: 28.4/29.2

Project Description: At I-880/29th Avenue: Reconstruct 29th Avenue overcrossing, Relocate northbound I-880/Lisbon Avenue on-ramp to 29th Avenue, Construct a soundwall on the east side of the relocated on-ramp, Reconfigure the northbound I-880/29th Avenue off-ramp. At 1-880/23rd Avenue: Reconstruction 23rd Avenue overcrossing, Reconfigure northbound I-880/23rd Avenue on- and off-ramps. At northbound I-880 between 29th Avenue and 23rd Avenue: Lengthen auxiliary lanes on northbound I-880 between 29th Avenue and 23rs Avenue.

ECR Last Revised Date
Resident Engineer Phone:
Environmental Coordinator Phone:

The above referenced project, at project completion and acceptance, complies with and meets or exceeds the environmental commitments identified with the attached Environmental Commitment Record (ECR). Any exceptions to having met these commitments are noted below.

name Resident Engineer	Date
Patraic Kelly Environmental Liaison	Date
Russell Williams Environmental Studies Branch Chief	Date
Emad Makar Project Manager	Date