

Table 1. Mitigation Monitoring Plan – Summary of Mitigation Measures

Mitigation Measure	Timing	Implementation Responsibility	Monitoring Responsibility	Notes (Updated January 2012)
Prior to Finalizing Permits and Agreements				
BIO-7: Prepare and Implement a Wetlands Mitigation Plan that Includes the Creation of New Wetlands, Waters of the United States and State, and Replacement and Enhancement of Willow Riparian Woodland and Scrub	Prior to acquiring Section 404 permit from Corps, Section 401 permit from RWQCB	ACTA, with Corps, RWQCB	ACTA, with Corps, RWQCB	In-progress. Coordinating with Corps, USFWS, DFG and RWQCB. The Corps public notice was issued, review period over, two minor comments received regarding concerns over traffic during construction.
LUP-1: Ensure Compatibility of Gutter Pans and Sewer Grates with Bicycle Traffic along Paseo Padre Parkway	Prior to acquiring encroachment permit from Fremont	ACTA	ACTA, with Fremont Engineering Div.	Done. Included in 95% design plans that were submitted to City. Fremont's standard is being used in the contract documents.
PSR-1: Conduct an Investigation of Utility Line Locations and Maintain Utility Services	Prior to acquiring encroachment permits	ACTA	ACTA	Done. All utility conflicts identified. Included in 95% design plans. Ongoing work with utilities.
TRA-4: Prepare a Rider Awareness Program Addressing BART Service Interruptions	Prior to acquiring an encroachment permit from BART	ACTA, BART	ACTA	Not done. Working with BART on construction and maintenance agreement and then will work with them on this program. Limited weekend service interruptions are anticipated during shoofly/staging work.
NOI-6: Maximize Distance between Shoofly and Residences to Extent Allowed by UPRR	Prior to securing Right-of-Entry Construction and Maintenance Agreement with UPRR	ACTA	ACTA, with UPRR	Done. Team designing to constraints established by UPRR. Successfully reduced shoofly limits and speeds (so even less impact than identified in EIR).

Mitigation Measure	Timing	Implementation Responsibility	Monitoring Responsibility	Notes (Updated January 2012)
Prior to Finalizing Landscaping Plan				
AES-2: Prepare and Implement a Landscape Plan along the Project Alignment	Prior to construction	ACTA, with Fremont Landscape Architecture Div., Union City Planning Dept.	ACTA, with Fremont Landscape Architecture Div., Union City Planning Dept.	In-progress. The project team is working with the both cities. Consistency along the corridor is desired. May need Technical Advisory Committee (TAC) to confirm.
AES-4: Provide Landscape Plan for Arroyo Park	Prior to construction	ACTA	ACTA, with Union City Public Works Dept.	In-progress. The project team is working with the cities. Intend to ensure project detention basin needs are compatible/consistent with park uses.
AES-5: Ensure the Landscape Plan Precludes Extremely Tall Vegetation along the New Roadway Alignment between the Two Old Alameda Creek Bridge Crossings	Prior to finalizing landscaping plan	ACTA, with Fremont Landscape Architecture Div.	ACTA, with Fremont Landscape Architecture Div.	In-progress. The project team is working with the cities.
BIO-11: Prepare an Arborist Report and Develop and Implement a Landscaping Plan that Includes Compensation for Loss of Protected Trees	Prior to finalizing landscaping plan	ACTA, with Fremont Landscape Architecture Div., Union City Planning Dept.	ACTA, with Fremont Landscape Architecture Div., Union City Planning Dept.	In-progress. The project team is working with the cities.
Prior to Construction				
AES-3: Incorporate Aesthetically Sensitive Design into the Soundwalls between Paseo Padre Parkway and Alvarado-Niles Road	Prior to construction	ACTA, with Fremont Planning Div., Union City Planning Dept.	ACTA, with Fremont Planning Div., Union City Planning Dept.	This will be an item for the TAC and will go to the city councils in the future.
BIO-1: Provide Construction Workers with Awareness Training for Special-Status Species and Sensitive Habitats in the Construction Area	Prior to construction	ACTA	ACTA	This will be in contract specifications.

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BIO-2: Conduct Preconstruction Surveys and, If Necessary, Implement Measures to Protect California Red-Legged Frog, California Tiger Salamander, and Western Pond Turtle	Prior to construction	ACTA	ACTA, with DFG	This will be done no more than 72 hours prior to construction.
BIO-8: Protect Willow Riparian Woodland and Scrub Habitat during Project Construction	Prior to construction in the vicinity of Old Alameda Creek	Construction contractor	ACTA	This will be in contract specifications.
BIO-10: Identify Wetlands and Other Waters Temporarily Affected and Install Protective Fencing during Construction	Prior to construction	ACTA	ACTA	This will be in contract specifications.
BIO-12: Install Temporary Fencing around Remaining Protected Trees	Prior to construction	ACTA	ACTA	This will be in contract specifications if applicable based on arborist report.
HAZ-1: Train Construction Workers to Identify Potentially Contaminated Materials and, if Found, Stop Work and Implement Hazardous Materials Investigations and Remediation	Prior to construction	ACTA	ACTA	This will be in contract specifications.
HAZ-2: Implement Recommendations in the Phase I Environmental Site Assessment to Prepare a Phase II Environmental Site Assessment, a Health and Safety Plan, and a Soil and Groundwater Management Plan, and to Properly Abandon any Agricultural Wells	Prior to construction	ACTA	ACTA, with ACWD	In-progress.
HWQ-1: Comply with National Pollutant Discharge Elimination System Requirements and Develop and Implement a Stormwater Pollution Prevention Plan	Prior to construction	ACTA, with Fremont Engineering Div., Union City Public Works Dept.	ACTA	This is associated with 401 permit requirements and will be in contract specifications.

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HWQ-6: Incorporate Site-Specific Water Quality Treatment Devices into Site Drainage Plans to Meet Water Quality Standards and Maintain Beneficial Uses	Prior to construction	ACTA	ACTA	Done. Included in 95% design plans.
HWQ-5: Construct the Tree Wells and Infiltration Basins to Implement the Hydrograph Modification Management Plan for Stormwater Runoff	Prior to construction	ACTA, with ACWD, ACCWP, RWQCB	ACTA	Done. Included in 95% design plans.
NOI-2: Prepare a Community Awareness Program for Project Construction	Prior to construction	ACTA, with Fremont Planning Div., Fremont Engineering Div., Union City Planning Dept., Union City Public Works Dept.	ACTA	Not done. This will be done closer to construction.
NOI-3: Conduct Structural Conditions Survey for Areas Where Vibratory Compaction is Proposed	Prior to construction	ACTA	ACTA	Not done. This will be done closer to construction.
NOI-9: Conduct Survey for Presence of Air Conditioning at Residences Adjacent to the New Roadway	Prior to construction	ACTA	ACTA, with Fremont Engineering Div., Union City Public Works Dept.	Done. The survey was completed. Surveys sent to approx 60 residences, there were 7 non-responses after 2 certified mail attempts, and Bob C volunteered to attempt delivery in person. The associated noise monitoring at appropriate residences will be conducted once the roadway is constructed and operating.
TRA-1: Develop and Implement a Traffic Control Plan for Project Construction	Prior to construction	Construction contractor	ACTA, with Fremont Engineering Div., Union City Public Works Dept.	Done. Included in 95% design plans.

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During Construction				
AES-1: Provide Screened Fencing around Project Staging Areas During Construction	During construction	Construction contractor	ACTA	
AES-7: Minimize Fugitive Light from Portable Sources	During nighttime construction	Construction contractor	ACTA	
AIR-1: Employ Measures to Reduce Criteria Pollutant Emissions during Construction	During construction	Construction contractor	ACTA, BAAQMD	
AIR-2: Employ Measures to Reduce Project-Related Greenhouse Gas Emissions	During construction	Construction contractor	ACTA	
BIO-3: Conduct Site Preparation and Construction Activities between September 1 and January 31 to Avoid the Typical Nesting Period of Migratory Birds, and Implement Preconstruction Surveys and Protective Measures if Necessary	During construction	Construction contractor	ACTA	
BIO-4: Conduct In-Water Construction Activities in Alameda Creek Flood Control Channel between May 1 and October 1 to Avoid Special-Status Fish Spawning and Migration Seasons	During construction	Construction contractor	ACTA, with DFG	
BIO-5: Provide an Alternate Migration Corridor through the Alameda Flood Control Channel if Surface Flow Is Present during Construction	During construction	ACTA	ACTA	
BIO-6: Implement Channel Protection Measures during Construction	During construction	Construction contractor	ACTA	
BIO-9: Implement Measures to Avoid or Minimize the Dispersal of Noxious Weeds into Sensitive Riparian Areas during Construction	During construction	Construction contractor	ACTA	

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CUL-1: Conduct Earthwork Monitoring by Qualified Archaeologist during Construction and Implement Management Measures if Resources are Discovered	During construction	ACTA	ACTA	
HAZ-3: Implement Procedures to Reduce Fire Risk during Construction	During construction	Construction contractor	ACTA	
HWQ-2: Clean Paved Areas with Street-Sweeping Equipment	During construction	Construction contractor	ACTA	
HWQ-3: Implement Additional Water Quality Protection Measures to Reduce Sediment in Surface Waters during Construction	During construction	Construction contractor	ACTA	
HWQ-4: Prepare and Implement a Hazardous Materials Spill Prevention and Control Program during Construction	During construction	ACTA	ACTA	
NOI-1: Employ Measures to Reduce Construction Noise to Comply with Applicable Construction Noise Standards	During construction	ACTA	ACTA, with Fremont City Manager's Office, Union City Manager's Office	
NOI-4: Limit Extent of Vibratory Compaction Activity and Vibratory Pile Driving	During construction	Construction contractor	ACTA	
NOI-5: Limit Vibration Levels Received at Structures	During construction	Construction contractor	ACTA	
NOI-C2: Use Low Noise Pavement Types on Project Roadways	During construction	ACTA	ACTA, with Fremont Engineering Div., Union City Public Works Dept.	
TRA-2: Provide Temporary Bus Service during All Interruptions in BART Service	During construction of BART shoofly	BART	ACTA	

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TRA-3: Limit Interruption of BART Service to Weekends	During construction of BART shoofly	ACTA, BART	ACTA	
Prior to Operation				
AES-6: Install Low-Standing Light Standards with Directional Shields Downward along the New Roadway	Prior to opening the new road to traffic	ACTA	ACTA	
NOI-7: Implement Traffic Noise Reduction Treatments (Soundwalls and Quiet Pavement) along the New Roadway between Paseo Padre Parkway and Alvarado-Niles Road	Prior to opening new road to traffic	ACTA	ACTA, with Fremont Engineering Div., Union City Public Works Dept.	
NOI-8: Implement Traffic Noise Reduction Treatments (Soundwalls and Quiet Pavement) at the Affected Residences along the New Roadway between Alvarado-Niles Road and Mission Boulevard	Prior to opening new road to traffic	ACTA	ACTA, with Union City Public Works Dept.	
NOI-C1: Contribute to City Funds to Implement Traffic Noise Reduction Treatments upon Creation	Prior to opening new road to traffic	ACTA	ACTA, with Fremont City Manager's Office, Union City Manager's Office	
TRA-5: Adjust Signal Timing and Signal Coordination at Intersections	Prior to opening new road to traffic	ACTA, with Caltrans, Fremont Engineering Div.	ACTA	
TRA-6: Relocate the Crosswalk at Mission Boulevard and Nursery Avenue	Prior to opening new road to traffic	ACTA, with Caltrans, Fremont Engineering Div.	ACTA	

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