TRINITY PARKWAY EXTENSION PROJECT PHASE 2

Mitigation Monitoring Reporting Program

Stockton, California
City of Stockton File No.: IS3-07
SCH 200705217

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Prepared for:

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CITY OF STOCKTON CEQA FINDINGS AND MITIGATION MONITORING/REPORTING PROGRAM FOR THE TRINITY PARKWAY EXTENSION PROJECT PHASE 2 (PURSUANT TO CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 21081 AND 21081.6)

PROJECT DATA	KEY
INITIAL STUDY FILE NO.: IS 3-07 INITIAL STUDY/FINAL MITIGATED NEGATIVE DECLARATION State Clearinghouse No. 200705217	Abbreviations: SCDD (Stockton Community Development Department), SJVAPCD (San Joaquin Valley Unified Air Pollution Control District), SPWD (Stockton Public Works Dept), MUD (Stockton Municipal Utilities Dept), SJCOG (San Joaquin Council of Governments)
Lead Agency: City of Stockton Community Development Department, Planning Division 345 North El Dorado Street Stockton, CA 95202 (209) 937-8266	
Project Title: Trinity Parkway Extension Project Phase 2 Project Description/Location: In September 2003, the City Council adopted the Aksland Avenue/Trinity Parkway Extension project (Phase 1) which included the construction of a bridge over Bear Creek and the construction of Trinity Parkway to Otto Drive. The bridge portion of the project will be complete by Summer 2007. Although the environmental document (Mitigated Negative Declaration) evaluated the potential impacts from implementing the ultimate four lane arterial geometry (to establish noise mitigation requirements), project approval authorized construction of two vehicular travel lanes. Ultimately, in a subsequent phase, the Trinity Parkway Extension will continue to the south, cross Mosher Slough and extend through the Shima Tract and connect to an extension of Hammer Lane. This segment will require subsequent environmental review. With these ultimate improvements in place and operational, the travel lane restrictions between Bear Creek and Mosher Slough would be removed to enable the full use of Trinity Parkway. In Phase 2 of the project, the remaining two lanes of the four lane arterial would be constructed between Bear Creek and Otto Drive but would be restricted from travel. The Phase 2 project would also extend Trinity Parkway to the south of Otto Drive. This section of the roadway is proposed for construction as a four lane arterial and would terminate at Mosher Slough. Vehicular travel on this segment would be restricted pending subsequent environmental review. Figures 3 and 4 illustrate the proposed project features. An important component of this Phase 2 project involves the alteration of the alignment of the dry land levee	

that extends along the western edge of the Trinity Parkway right-of-way (in a north-south direction). Dry land levee realignment of up to 300 feet to the west, as measured from western toe of the existing levee to western toe of the realigned levee, is required to construct the complete four lane arterial cross section of Trinity Parkway from Bear Creek to Mosher Slough. Figure 5 illustrates the proposed levee realignment concept. At the Otto Drive intersection, Trinity Parkway will be elevated slightly in anticipation of the future entrance into the proposed Atlas Tract (The Preserve) development project. Also this location (e.g., Otto Drive intersection) represents the farthest west that the levee will be realigned onto the Atlas Tract property (estimated to be approximately 225 feet) as needed to accommodate the future entrance into the proposed Atlas Tract development. Trinity Parkway will also be elevated at the southern end of the project to meet the height elevation of the new Atlas Tract levee system and future Mosher Slough-Trinity Parkway bridge. The dry land levee is currently under the jurisdiction of the State Reclamation Board and the Army Corps of Engineers and this project will require their approval prior to the levee's realignment. In the summer/fall of 2006, the Atlas Tract levee system was improved to provide flood protection estimated to be in excess of the 200-year flood event. Based upon those improvements, the Federal Emergency Management Agency (FEMA) has recently issued a Letter of Map Revision demonstrating that the site now has flood protection exceeding the federal minimum. With the enhanced levee system in place, lands within the Atlas Tract will be protected from tidally influenced delta flood waters, as well as the upstream flooding potential from Bear Creek and Mosher Slough. The Atlas Tract levee system improvements will also provide the existing residential users in the Twin Creeks Estates subdivision continued flood protection in addition to the protection afforded by the dry land levee, thus allowing for levee realignment to occur without risk to the Twin Creeks Estates residents and construction of Trinity Parkway improvements. Included in the proposed roadway improvements will be utility pipes, water, sewer, streetlights, PG&E joint trench facilities, etc.	

FINDINGS AND LEVEL OF SIGNIFICANCE AFTER MITIGATION

On the basis of the whole record, prior to approving a project, the decisionmaking body of the lead agency shall consider the proposed negative declaration or mitigated negative declaration together with any comments received during the public review process. The decisionmaking body shall adopt the proposed negative declaration or mitigated negative declaration only if it finds on the basis of the whole record before it (including the initial study and any comments received), that there is no substantial evidence that the project will have a significant effect on the environment and that the negative declaration or mitigated negative declaration reflects the lead agency's independent judgment and analysis.

The level of significance of each impact after mitigation is listed as: SU = Significant and Unavoidable, PS = Potentially Significant, LS = Less than

Significant, NS = Not Significant, or SoC = Statement of Overriding Considerations

Trinity Parkway Extension Project Phase 2 – Mitigation Monitoring and Reporting Program

The following discussion is intended to present information on the project that is relevant to impact significance and mitigation measures required to reduce project impacts. Seven environmental issue areas have been included that have potentially significant impacts as a result of project implementation, and include mitigation measures accordingly. All other environmental issue areas are either not impacted by the project, or have less than significant impacts and do not require mitigation. There are no environmental issue areas that are significantly impacted by the project and are unmitigable. All project related environmental impacts can be reduced to less than significant levels.

Approving Agency	Responsible City Staff or Body	Timing	Mitigation Measures	Product/ Action	Findings/ Significance After Mitigation	Approving Staff/ Completion Date
AESTHETICS						
Impact: Substantially degrade the existing visual character or quality of the site and its surroundings.						
SCDD	Director	Before Construction	AES-1: In conjunction with approval of the plans, specifications and estimates, the City shall require aesthetic landscape enhancement of engineering slope banks, and residual open space lands, as well as distinctive noise wall treatment. A landscape plan shall be prepared by a landscape architect that includes a planting palette for proposed landscape area, and a plan to enhance the noise wall surfaces. The landscape plan shall approved by the Community Development Director.	Landscape Plan	LS	
Impact: Create a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area.						
SPWD	Contractor	Before Construction	AES-2: In conjunction with approval of the plans, specifications and estimates, the City shall include a review of light standard placement along the	Lighting Plan	LS	

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			roadway edge, and provision for light shields. The lighting plan shall prohibit light emissions from extending beyond the eastern right-of-way for proposed Trinity Parkway. The review is subject to approval by the City Community Development Director.			
AIR QUALITY						
Impact: Violate any air quality standard or contribute substantially to an existing or projected air quality violation.						
SCDD & SJVAPCD	Contractor	Before & During Construction	AIR-1: Required compliance with San Joaquin Valley Unified Air Pollution Control District (SJVAPCD) Rules and Regulations during construction activities will reduce construction related air quality impacts from fugitive dust emissions and construction equipment emissions to less than significant. Regulation VIII Control Measures. - The following controls are required to be implemented at all construction sites. (Includes changes effective May 15, 2002): All disturbed areas, including storage piles, which are not being actively utilized for construction purposes, shall be effectively stabilized of dust emissions using water, chemical stabilizer/suppressant, covered with a tarp or other suitable cover or vegetative ground cover.	Compliance with rules and measures	LS	

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			All on-site unpaved roads and off-site unpaved access roads shall be effectively stabilized of dust emissions using water or chemical stabilizer/suppressant. All land clearing, grubbing, scraping, excavation, land leveling, grading, cut & fill, and demolition activities shall be effectively controlled of fugitive dust emissions utilizing application of water or by presoaking. With the demolition of buildings up to six stories in height, all exterior surfaces of the building shall be wetted during demolition. When materials are transported off-site, all material shall be covered, or effectively wetted to limit visible dust emissions, and at least six inches of freeboard space from the top of the container shall be maintained. All operations shall limit or expeditiously remove the accumulation of mud or dirt from adjacent public streets at the end of each workday. (The use of dry brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions.) (Use of blower devices is expressly forbidden.) Following the addition of materials to, or the removal of materials from, the surface of outdoor			

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			storage piles, said piles shall be effectively stabilized of fugitive dust emissions utilizing sufficient water or chemical stabilizer/suppressant. Within urban areas, trackouts shall be immediately removed when they extend 50 or more feet from the site, and at the end of each workday. Any site with 150 or more vehicle trips per day shall prevent carryout and trackout. Enhanced Control Measures. - The following measures should be implemented at construction sites when required to mitigate significant PM_{10} impacts (note, these measures are to be implemented in addition to Regulation VIII requirements): Limit traffic speeds on unpaved roads to 15 mph; and Install sandbags or other erosion control measures to prevent silt runoff to public roadways from sites with a slope greater than one percent. Additional Control Measures. - The following control measures are strongly encouraged at construction sites that are large in area, located near sensitive receptors, or which for other reason			

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			warrant additional emissions reductions: Install wheel washers for all exiting trucks, or wash off all trucks and equipment leaving the site; Install wind breaks at windward side(s) of construction areas; Suspend excavation and grading activity when winds exceed 20 mph; and* Limit area subject to excavation, grading, and other construction activity at any one time. *Regardless of windspeed, an owner/operator must comply with Regulation VIII's 20 percent opacity limitation. Recommended Construction Equipment Mitigation Measures: Use of alternative fueled equipment or catalyst equipped diesel construction equipment. Minimize idling time (e.g., 10 minutes maximum) Limit the hours of operation of heavy duty equipment and/or the amount of equipment in use Replace fossil-fueled equipment with electrically			

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			driven equivalents (provided they are not run via a portable generator set) Curtail construction during periods of high ambient pollutant concentrations; this may include ceasing of construction activity during the peak-hour of vehicular traffic on adjacent roadways Implement activity management (e.g., rescheduling activities to reduce short-term impacts)			
BIOLOGICAL RESOURCES						
Impact: 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 of U.S. Fish and Wildlife Service.						
SJCOG	SCDD	Before Construction	BIO-1: Prior to initiating construction, the City will participate in the San Joaquin County MSHCOSP.	Participation in MSCHCOSP	LS	
SJCOG	SCDD	Before Construction	BIO-2: The following mitigation measures are consistent with the SJMSCP Incidental Take Minimization Measures for burrowing owl and the provisions of the MBTA. Prior to issuance of a grading permit, the project proponent shall implement the SJMSCP conservation strategy. No more than 30 days prior to any ground disturbing activities, a qualified biologist shall	Pre-Construction Surveys	LS	

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			conduct surveys for burrowing owls. If ground disturbing activities are delayed or suspended for more than 30 days after the initial preconstruction surveys, the site shall be resurveyed. All surveys shall be conducted in accordance with CDFG's Staff Report on Burrowing Owls (CDFG 1995). If the preconstruction surveys identify burrowing owls on the site during the non-breeding season (September 1 through January 31), burrowing owls occupying the project site shall be evicted from the project site by passive relocation as described in the CDFG's Staff Report on Burrowing Owls (CDFG 1995). If the preconstruction surveys identify burrowing owls on the site during the breeding season (February 1 through August 31), occupied burrows shall not be disturbed and shall be provided with a 250-foot protective buffer. The buffer shall be maintained until the SJMSCP Technical Advisory Committee (TAC), with the concurrence of CDFG representatives on the TAC, or a qualified biologist approved by CDFG, verifies through non-invasive means that either: 1) the birds have not begun egg laying, or 2) juveniles from the occupied burrows are foraging independently and are capable of independent survival. Once the fledglings are capable of independent survival, the burrow(s) can			

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			be destroyed.			
CULTURAL RESOURCES						
Impact: Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5.						
SCDD	Contractor	During Construction	CULT-1: If deposits of prehistoric or historical archaeological materials are encountered during project activities, all work within 25 feet of the discovery should be redirected and a qualified archaeologist assesses the situation and provides recommendations. It is recommended that adverse effects to such resources be avoided by project activities. If such deposits cannot be avoided, they should be evaluated for their significance in accordance with the California Register of Historical Resources. If the deposits are not eligible, avoidance is not necessary. If the deposits are eligible, they will need to be avoided by adverse effects or such effects must be mitigated. Upon completion of the archaeological assessment, the archaeologist should prepare a report documenting methods and results, and provide recommendations for the treatment of the archaeological materials discovered. The report should be submitted to the project proponent, appropriate City of Stockton agencies, and the Central California Information Center. Prehistoric materials can include flaked-stone tools (e.g. projectile points, knives, choppers) or obsidian, chert, or quartzite toolmaking debris; culturally	Consult qualified archaeologist ; assessment report (if necessary)	LS	

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			darkened soil (i.e., midden soil often containing heat-affected rock, ash and charcoal, shellfish remains, faunal bones, and cultural materials); and bone tools and stone milling equipment (e.g., mortars, pestles, handstones). Prehistoric archaeological sites often contain human remains. Historical materials can include wood, stone, concrete, or adobe footings, walls and other structural remains; debris-filled wells or privies; and deposits of wood, glass, ceramics, and other refuse.			
Impact: Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature.						
SCDD	Contractor	During Construction	CULT-2: If paleontological resources are encountered during project activities, all work within 25 feet of the discovery should be redirected until a qualified paleontologist has evaluated the discoveries, prepared a fossil locality form documenting the discovery and made recommendations regarding the treatment of the resources. If the paleontological resources are found to be significant, adverse effects to such resources should be avoided by project activities. If project activities cannot avoid the resources, the adverse effects should be mitigated. At a minimum, mitigation should include data recovery and analysis, preparation of a final report, and the accession of any fossil material recovered to a paleontological repository, such as the UCMP. Upon completion of project activities, a final report that documents the methods and findings of the	Consultation with paleontologist; assessment report (if necessary)	LS	

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			mitigation should be prepared and submitted to a suitable paleontological repository, and the City of Stockton.			
Impact: Disturb any human remains, including those interred outside of formal cemeteries.						
SCDD	Contractor	During Construction	CULT-3: If human remains are encountered, work within 25 feet of the discovery should be redirected and the County Coroner notified immediately. At the same time, an archaeologist should be contacted to assess the situation. If the human remains are of Native American origin, the Coroner must notify the Native American Heritage Commission within 24 hours of this identification. The Native American Heritage Commission will identify a Most Likely Descendant (MLD) to inspect the site and provide recommendations for the proper treatment of the remains and associated grave goods. Upon completion of the assessment, the archaeologist should prepare a report documenting the methods and results, and provide recommendations for the treatment of the human remains and any associated cultural materials, as appropriate and in coordination with the recommendations of the MLD. The report should be submitted to the project proponent, appropriate City of Stockton agencies, and the Central California Information Center. It is anticipated that the implementation of this recommendation will reduce the severity of this potential impact to a less-than-	Notify coroner; consultation with archaeologist ; assessment report (if necessary)	LS	

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			significant level.			
GEOLOGY AND SOILS						
Impact: Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction.						
SPWD	Director	Before Construction	GEO-1: Geologic or Soils professionals will be required to prepare a soils report in order to determine specific design soil compaction requirements for construction areas.	Soils report	LS	
Impact: Result in substantial soil erosion or the loss of topsoil.						
SCDD	Contractor	Before & During Construction	GEO-2: Before excavation or construction activities, the boundaries of the project area shall be delineated by flagging, or other means, to prevent workers or equipment from working outside the right-of-way. Access routes, staging areas, and total area of activity shall be limited to the minimum necessary to achieve the project goal. All workers shall be notified of the appropriate access routes, staging areas, and total area of the activity. These areas shall be clearly marked. Ground disturbance and vegetation removal shall be limited during construction. Work shall be suspended during periods of heavy rain. All areas with exposed soil will be revegetated as	Staging plan	LS	

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			soon as practicable.			
HYDROLOGY AND WATER QUALITY						
Impact: Create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?						
MUD	Director	Before Construction	WQ-1: The Owners, Developers, and/or Successors-in-Interest (ODS) must establish maintenance entity acceptable to the City to provide funding for the operation, maintenance and replacement costs of the Storm Water Best Management Practices (BMP's).	Establish maintenance entity	LS	
MUD	Director	During Construction	WQ-2: The project will comply with the applicable water quality and storm drainage discharge requirements of the City of Stockton Public Works Department, City of Stockton Department of Municipal Utilities, and Regional Water Quality Control Board–Central Valley Region. These requirements prohibit discharge of pollutants to the storm drain system leading to downstream violation of water quality standards.	Compliance with water quality requirements	LS	
MUD	Director	Before Construction	WQ-3: The property owners, developers, and/or successors-in-interest shall comply with any and all requirements, and pay all associated fees, as required by the City's Storm Water Pollution Prevention Program, as set forth in its NPDES Storm Water Permit. A signed Notice of Intent (NOI) or Wasted Discharger Identification number (WDID) shall be submitted to the City of Stockton.	NPDES compliance, notice of intent, erosion control plan	LS	

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			Prior to project approval, the City of Stockton will require an Erosion Control Plan to be incorporated into the project plans and/or grading plans prior to approval.			
NOISE						
Impact: Expose persons to or generate noise levels in excess of standards established in a local general plan or noise ordinance or applicable standards of other agencies.						
SCDD	Contractor & Director	During Construction	NOI-1: Exterior Noise. The following mitigation measure is required for outdoor active use areas: The existing first row of residences located east of the project site requires a sound barrier to protect outdoor active use areas such as backyards, patios, and balconies located in the following areas: -A minimum wall height of six feet to protect backyards and ground-floor patios. -A minimum wall height of six feet to protect second-floor balconies. Interior Noise. The City shall coordinate with residences located adjacent to the proposed project to ensure that air-conditioning systems are provided to maintain the City's interior noise standard of 45 dBA CNEL for the following areas:	Noise reduction measures	LS	

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			-Within 323 feet of the Trinity Parkway centerline.			
Impact: Expose persons to or generate excessive groundborne vibration or groundborne noise levels						
SCDD	Contractor and Director	During Construction	NOI-2: Construction of the proposed project would potentially result in relatively high noise levels and annoyance at the closest residences. The following measures would reduce short-term construction related noise impacts resulting from the proposed project. -During all project site excavation and on-site grading, the project contractors shall equip all construction equipment, fixed or mobile, with properly operating and maintained mufflers consistent with manufacturers' standards. -The project contractor shall place all stationary construction equipment so that emitted noise is directed away from sensitive receptors nearest the project site. -The construction contractor shall locate equipment staging in areas that will create the greatest distance between construction-related noise sources and noise-sensitive receptors nearest the project site during all project construction.	Construction noise reduction measures	LS	

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			-During all project site construction, the construction contractor shall limit all construction-related activities to the hours of 7:00 a.m. to 10:00 p.m. on weekdays and weekends.			