

October 10, 2002

07-LA-101 PM 0.4
US 101 Overcrossing from Union Station to
Commercial Street
07-1035F0

District Agreement No. 07-4595

COOPERATIVE AGREEMENT

THIS AGREEMENT, entered into, effective on _____, 2002, is between the State of California, acting by and through its DEPARTMENT OF TRANSPORTATION, referred to as "STATE", and

LOS ANGELES COUNTY METROPOLITAN
TRANSPORTATION AUTHORITY, a political entity in
the State of California, referred to herein as
"AUTHORITY".

RECITALS

1. STATE and AUTHORITY, pursuant to Streets and Highways Code section 114 and Government Code section 14030, are authorized to enter into a Cooperative Agreement for proposed improvements to State highways within the County of Los Angeles.
2. STATE and AUTHORITY are public agencies authorized under section 14556 et seq. of the Government Code (The Traffic Congestion Relief Act of 2000) to take immediate steps to relieve congestion on California transportation systems.
3. STATE proposes State highway improvements consisting of a rearrangement of State Route 101 and Commercial Street. In conjunction with these improvements, the AUTHORITY proposes construction of a light rail transit bridge across Route 101 at Union Station and an elevated guideway structure adjacent to and crossing over Commercial St. This bridge and guideway structure is referred to herein as "PROJECT." In order to effectively execute these proposed improvements, STATE and AUTHORITY may agree to incorporate PROJECT into a single STATE construction contract encompassing other STATE and City of Los Angeles transit improvements.
4. STATE and AUTHORITY agree that AUTHORITY shall perform all PROJECT environmental and design development work in order to bring about the earliest possible construction of the PROJECT.
5. STATE and AUTHORITY mutually desire to cooperate in development of PROJECT and desire to specify herein the terms and conditions under which PROJECT is to be developed, designed, and financed and under which right of way acquisition is to be performed and financed. This Agreement adopts by reference, all applicable STATE requirements as described under execution of Master Cooperative Agreement number 4290.

SECTION I

AUTHORITY AGREES:

1. To have a Project Report/Project Study Report (PR/PSR), including all necessary environmental documentation (ED), and detailed Plans, Specifications, and Estimate (PS&E) prepared using AUTHORITY forces or private consultants and to submit that PR/PSR and PS&E for STATE's review, concurrence and approval at appropriate stages of development. The PR/PSR and the final PS&E for PROJECT shall be signed on behalf of AUTHORITY by a Civil Engineer registered in the State of California. If private consultants are used to perform project development, each private consultant shall be required to maintain professional liability insurance through completion of PROJECT construction and the resolution of all construction contract claims with a limit of combined personal injury and property damage liability of at least \$1,000,000 per occurrence. This professional liability policy will not be suspended, modified or terminated without at least thirty (30) days prior written notice to STATE.
2. To consider any STATE request to discontinue the services of any personnel who will prepare the PR/PSR, conduct environmental studies to obtain PROJECT approval, prepare the PS&E, provide the right of way engineering services who are considered by STATE to be unqualified on the basis of credentials, professional expertise, failure to perform in accordance with the scope of work and/or other pertinent criteria. Prior to commencing work on PROJECT, to furnish STATE with a proposed time schedule acceptable to STATE to complete project development work for PROJECT.
3. To furnish, if requested by STATE, written quarterly progress reports during the period while project development work is being performed.
4. The PR/PSR and the PS&E are to be prepared in accordance with applicable Federal requirements and STATE's laws, rules, regulations, policies, procedures, manuals, standard plans and specifications. Said PR/PSR and PS&E shall qualify for STATE metric exception and shall conform to STATE policy on dual units. Said PR/PSR and PS&E are to be subject to ongoing review by STATE and the draft final PR/PSR and PS&E shall require prior review and concurrence by STATE. AUTHORITY shall not incorporate any materials or equipment of single or sole source origin in the design of PROJECT without the prior written approval of STATE.
5. To have the final design documents and drawings of civil, structural, mechanical, electrical, architectural, or other engineering features of PROJECT prepared by or under the direction of engineers or architects registered and licensed in the applicable professional field in the State of California. All engineering reports, each sheet of plans, and the specifications for PROJECT shall bear the professional seal, certificate number, registration classification, expiration date of certificate, and signature of the professional engineer responsible for their preparation.
6. To make available its personnel or consultants to interpret the PS&E and review and recommend approval of change orders, required shop plans, false work designs, and other working drawings during construction of PROJECT.
7. To make available its personnel or consultants, within a reasonable time to be specified by STATE, to do all necessary corrections and furnish the corrected product to STATE if, during

the course of construction, errors or omissions are discovered in any of the PS&E which AUTHORITY has provided pursuant to this Agreement.

8. To make written application to STATE for necessary encroachment permits authorizing entry of AUTHORITY onto the State highway right of way to perform surveying and other investigative activities required for preparation of the PR/PSR, ED, and/or PS&E.
9. To identify and locate all utility facilities within the area of PROJECT as part of the design responsibility for PROJECT. All utility facilities not relocated or removed in advance of construction shall be identified on the PS&E for PROJECT.
10. To identify and locate all high and low risk underground facilities within the area of PROJECT and to protect or otherwise provide for such facilities, all in accordance with STATE's "Manual on High and Low Risk Underground Facilities Within Highway Rights of Way." AUTHORITY hereby acknowledges receipt of STATE's "Manual on High and Low Risk Underground Facilities Within Highway Rights of Way."
11. If any existing public and/or private utility facilities conflict with the construction of PROJECT or violate STATE's encroachment policy, AUTHORITY shall make all necessary arrangements with the owners of such facilities for their protection, relocation, or removal in accordance with STATE's policy and procedure for those facilities located within the limits of work included in the improvement to the State highway and in accordance with AUTHORITY's policy for those facilities which are or will be located outside of the limits of the State highway. The cost of the protection, relocation, or removal within the present or future State highway right of way shall be a PROJECT Cost.
12. To furnish evidence to STATE, in a form acceptable to STATE, that arrangements have been made for the protection, relocation, or removal of all conflicting facilities within the State highway right of way and that such documentation will be completed prior to the award of the contract to construct PROJECT or is covered in the PS&E for said contract. This evidence shall be provided to STATE by June 23, 2003.
13. To comply with the requirements of the National Pollution Discharge Elimination System (NPDES) Permit for General Construction Activities No. CAS000002, Order No, 99-08-DWQ including State Water Resources Control Board (SWRCB) Resolution No. 2001-046, which added sampling and analysis requirements, and the NPDES Permit for the State of California Department of Transportation Properties, Facilities, and Activities, No. CAS000003, Order No, 99-06-DWQ issued by the State Water Resources Control Board and any applicable future permits and orders.
14. To certify legal and physical control of right of way ready for construction and that all right of way parcels necessary for the Project were acquired in accordance with applicable State and Federal laws and regulations, subject to review and concurrence by STATE prior to the ready to list date of PROJECT.
15. Where right of way outside of the State highway right of way must be acquired and where both AUTHORITY and STATE agree that such right of way shall be transferred to the STATE after acquisition, AUTHORITY shall acquire and furnish at no cost to STATE all such right of way, if any, and to perform all right of way activities, including all eminent domain activities, if necessary, in accordance with procedures reasonably acceptable to STATE. These activities (as described below) shall comply with all applicable State and Federal laws and regulations,

subject to STATE's oversight. To provide, at no cost to STATE, survey and mapping services necessary to perpetuate existing land net and alignment monumentation in accordance with sections 8771 and 8765 of the Business and Professions Code; and to permanently monument the location of all roadway alignments, realignments, and right of way acquisitions. All of the above are to be shown on a Record of Survey filed with the County Surveyor. AUTHORITY shall deliver one copy of any field notes, filed Corner Records, and the Record of Survey required for execution of the above obligation, to STATE's District 07 Survey Branch.

- a) To prepare, at no cost to STATE, Right of Way Engineering Hard Copies, Right of Way Appraisal Maps, Record of Surveys, and Right of Way Record Maps in accordance with the State of California Right of Way Manual, Chapter 6 - Right of Way Engineering, the State of California Drafting and Plans Manual, the State of California Surveys Manual Chapter 10, applicable State laws, and other pertinent reference material and examples as provided by STATE.
 - b) To have all necessary Right of Way Maps and Documents used to acquire right of way by AUTHORITY prepared by or under the direction of a person authorized to practice land surveying in the State of California. Each Right of Way Map and Document shall bear the appropriate professional seal, certificate number, expiration date of registration certification and signature of the licensed person in "Responsible Charge of Work".
 - c) To submit to STATE for review and acceptance, all Right of Way Engineering Hard Copies and Right of Way Appraisal Maps with appurtenant back-up and reference data prior to preparation of legal descriptions and acquisition documents.
 - d) Personnel who prepare right of way maps, documents, and related materials shall be made available to STATE, at no cost to STATE, during and after construction of PROJECT until completion and acceptance by STATE of Right of Way Record Maps and Records of Surveys.
16. To be responsible for the investigation of potential hazardous material sites within and outside of the existing State highway right of way that would impact PROJECT as part of the responsibility for the PROJECT environmental documentation.
 17. In the event that AUTHORITY, in the process of performance of environmental or design investigative studies, discovers hazardous material sites on existing and proposed State highway right of way (to be reported by AUTHORITY when discovered) and the Federal, State or local agency having jurisdiction over those hazardous material sites orders the remediation of that investigative site and any plume leading to or from that site, AUTHORITY as the implementing agency responsible for carrying out the work necessary to complete PROJECT shall immediately notify STATE, and shall, after evaluating with STATE and lead agency (if other than the implementing agency) the impact on PROJECT costs, undertake the required remedy or remedial action of all hazardous material found in existing and proposed State highway right of way required for construction of PROJECT. AUTHORITY and lead agency (if other than the implementing agency) shall also be responsible for identification of funding sources which may be needed to cover potential added costs of PROJECT.
 18. If STATE is expected to advertise, award, and administer the construction contract for PROJECT, AUTHORITY shall provide PS&E and shall submit all plans, final special provisions, and final estimate and materials handouts. AUTHORITY shall submit electronic plans at the Type Selection, Unchecked Details, and at the Initial, Intermediate, and final

PS&E Project stages. The electronic submittal does not eliminate the hardcopy submittal requirements that are covered in the latest version of the Information and Procedures Guide of the Office of Special Funded Project (OSFP). Electronic plans must conform to the Electronic Plan Formatting Standards as defined in the Caltrans' CADD User's Manual of Instruction and Plans Preparation Manual. The preferred media type is CD-R submitted in a jewel case. AUTHORITY shall follow the latest version of the Electronic Plan Submittal Guidelines. One copy of the data on the CD, including the Engineer's electronic signature and seal, shall be provided to STATE upon completion of the final PS&E for PROJECT. STATE reserves the right to modify the CD requirements and STATE shall provide AUTHORITY sufficient advance notice of any such modifications.

19. In addition to the above referenced article, AUTHORITY and its Consultant shall follow the schedule below for submittal of PS&E to STATE for review, comments, and approval, and shall work diligently in revising PS&E per comments made by STATE to meet Final PS&E schedule. Ten sets of hard copy PS&E shall be submitted each time.
 - a) Intermediate PS&E submittal shall be submitted on or before September 16, 2002, and must allow STATE six weeks of review time to provide comments.
 - b) 100% PS&E submittal shall be submitted on or before December 13, 2002, and must allow STATE four weeks of review time to provide comments.
 - c) Final PS&E submittal for expedited treatment shall be on or before May 12, 2003.
20. To obtain all necessary permits and/or agreements from appropriate regulatory agencies. All mitigation, monitoring, and/or remedial action required for Project Construction by said permits shall constitute part of the PROJECT cost.
21. All costs to STATE to fulfill its oversight responsibilities for PROJECT as described in Articles 1 and 2 of Section II of this Agreement will be funded one hundred percent (100%) by AUTHORITY using funds allocated for PROJECT. If it becomes apparent at any time that funds will be insufficient to cover remaining work on each phase of PROJECT, STATE reserves the right to have work stopped until AUTHORITY obtains additional funding in accordance with this Agreement.
22. To retain all books, documents, papers, accounting records, and other evidence pertaining to costs incurred, including support data for cost proposals, and make such materials available at the respective offices of AUTHORITY at all reasonable times during the construction contract period and for three years from the date of final payment under this Agreement. STATE or any duly authorized representative of the STATE and Federal Government shall have access to any books, records, and documents of AUTHORITY that are pertinent to this Agreement for audits, examinations, excerpts, transactions, and copies thereof shall be furnished if requested.

SECTION II

STATE AGREES:

1. To provide quality assurance for all work on PROJECT done by AUTHORITY, including, but not limited to, all right of way activities undertaken by AUTHORITY or its designee, and to provide prompt reviews and approvals, as appropriate, of submittals by AUTHORITY, and to cooperate in timely processing of PROJECT documents.
2. To provide AUTHORITY with necessary regulations, policies, procedures, manuals, standard plans and specifications, and other standards required to define the scope of work for the preparation of the PS&E for PROJECT.
3. Upon proper application by AUTHORITY, to issue, at no cost to AUTHORITY, an encroachment permit to AUTHORITY authorizing entry onto the State highway right of way to perform survey and other investigative activities required for preparation of the PR/PSR, ED, and/or PS&E. If AUTHORITY uses consultants rather than its own staff to perform required work, each consultant will also be required to obtain a separate encroachment permit which will be issued at no cost upon proper application by the consultants.
4. To provide, at no cost to AUTHORITY, all necessary rights of entry and encroachment permits to enter onto the State highway right of way to perform work related to the PS&E preparation for PROJECT, including, but not limited to, those permits required for design investigations and environmental surveys.
5. STATE shall submit to the AUTHORITY, within thirty (30) days after the end of each month, a Project expenditure report (State Q 41 report) identifying all authorized Project Costs incurred by STATE.
6. STATE shall notify AUTHORITY if, at any time, STATE expects to incur Costs that will exceed authorized Work Order amounts. In that instance, AUTHORITY may choose to provide additional required funding or cease PROJECT work while placing those portions of PROJECT on or adjacent to STATE right-of-way in a safe, protected condition.
7. Transmit to Authority monthly charges for costs related to the design review and bid document preparation of the PROJECT and costs for STATE services, in accordance with the billing procedures set forth in the Master Cooperative Agreement 4290 between STATE and AUTHORITY.

SECTION III

IT IS MUTUALLY AGREED:

1. All obligations of STATE under the terms of this Agreement are subject to the appropriation of resources by the Legislature and allocation of funds by the CTC to STATE for the purposes of fulfilling STATE's obligations herein.
2. Actual costs reimbursed, direct and indirect, shall be in conformance with procedures set forth in the Cost Principles and Procedures, Chapter 1, Part 31, CFR 48. AUTHORITY also agrees to comply with applicable STATE regulations and Federal procedures in accordance with CFR 49, Part 18, Uniform Administrative Requirement for Grants and Cooperative Agreements to State and Local Governments.
3. STATE shall designate a Project Manager to represent STATE and AUTHORITY shall designate a representative through whom all communications between the two agencies shall be channeled. STATE's Project Manager shall review the work of AUTHORITY during performance of the PS&E preparation for PROJECT.
4. AUTHORITY shall furnish STATE with all necessary copies of project development work to complete the PROJECT review and approval process.
5. The basic PROJECT design features (as defined in the Scope of Work for PROJECT) shall comply with those addressed in the approved PR/PSR unless modified as required for environmental clearance of PROJECT.
6. The design, and any right of way acquisition, for PROJECT shall be performed in accordance with STATE's Standards and practices current as of the date of performance. Any exceptions to applicable design standards shall first be approved by STATE via the processes outlined in STATE's Highway Design Manual and appropriate memorandums and design bulletins published by STATE. In the event that STATE proposes and/or requires a change in design standards, implementation of new or revised design standards shall be done as part of the work on PROJECT in accordance with STATE's current Highway Design Manual Section 82.5, "Effective Date for Implementing Revisions to Design Standards." STATE shall consult with AUTHORITY in a timely manner regarding effect of proposed and/or required changes on PROJECT.
7. Any hazardous material or contamination found solely within the area of PROJECT requiring remedy or remedial action, as defined in Division 20, Chapter 6.8 et seq. of the Health and Safety Code, and any cultural, paleontological, anthropological, or other protected resource requiring protection, shall be deemed part of the PROJECT costs. Locations subject to remedy or remedial action and/or protection include utility relocation work required for PROJECT. Costs for remedy and remedial action and/or protection shall include, but not be limited to, the identification, treatment, removal, packaging, transportation, storage, and disposal of such material.
8. If any remedy or remedial action of hazardous material or contaminated material is required, AUTHORITY shall be responsible, for the development of the necessary remedy and/or remedial action plans and designs. Remedial actions proposed by AUTHORITY on the State highway right of way shall be pre-approved by STATE and shall be performed in accordance

- with STATE's Standards and practices and those standards mandated by the Federal and State regulatory agencies.
9. A separate Cooperative Agreement will be required to cover responsibilities and funding for the construction phase of PROJECT.
 10. Nothing in the provisions of this Agreement is intended to create duties or obligations to or rights in third parties not parties to this Agreement or to affect the legal liability of either party to the Agreement by imposing any standard of care with respect to the development, design, construction, operation or maintenance of State highways and public facilities different from the standard of care imposed by law. STATE'S review and approval process, quality control and SERVICES are not intended as a reengineering, professional check or validation of any part of PROJECT and no STATE liability will be created as a consequence of STATE performing those functions.
 11. Neither STATE nor any officer or employee thereof is responsible for any damage or liability occurring by reason of anything done or omitted by AUTHORITY under or in connection with any work, authority or jurisdiction delegated to AUTHORITY under this Agreement. It is understood and agreed that, pursuant to Government Code Section 895.4, AUTHORITY on the State highway right of way shall fully defend, indemnify and save harmless STATE and all its officers and employees from all claims, suits or actions of every name, kind and description brought for or on account of injury (as defined in Government Code Section 810.8) occurring by reason of anything done or omitted to be done by AUTHORITY under or in connection with any work, authority or jurisdiction delegated to AUTHORITY under this Agreement.
 12. Neither AUTHORITY nor any officer or employee thereof is responsible for any damage or liability occurring by reason of anything done or omitted by STATE under or in connection with any work, authority or jurisdiction delegated to STATE under this Agreement. It is understood and agreed that, pursuant to Government Code Section 895.4, STATE shall fully defend, indemnify and save harmless AUTHORITY from all claims, suits or actions of every name, kind and description brought for or on account of injury (as defined in Government Code Section 810.8) occurring by reason of anything done or omitted to be done by STATE under or in connection with any work, authority or jurisdiction delegated to STATE under this Agreement.
 13. No alteration or variation of the terms of this Agreement shall be valid unless made in writing and signed by the parties hereto and no oral understanding or agreement not incorporated herein shall be binding on any of the parties hereto.
 14. Not Used.
 15. Except for the indemnification provisions and other terms which are expected to continue in effect unless expressly amended or terminated by mutual written agreement of the parties, this Agreement shall terminate upon STATE's final approval of the completion of project development work for PROJECT or on June 1, 2006, whichever is earlier in time, unless all parties agree to an extension of time in an amendment to this Agreement. Prior to Ready to List for the construction contract for PROJECT, Authority may terminate this Agreement in writing, provided that Authority pays STATE for all costs related to termination of PROJECT incurred by STATE under the terms of this Agreement

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION
AUTHORITY

JEFF MORALES
Director of Transportation

By: _____
DOUGLAS R. FAILING Date
District Director

By: _____
ROGER SNOBLE Date
Chief Executive Officer

Approved as to form and procedure:

Approved as to Form:

LLOYD W. PELLMAN
County Counsel

By: _____
Attorney Date
Department of Transportation

By: _____
Deputy Date

Certified as to funds:

By: _____
District Budget Manager Date

Certified as to Financial Terms and Conditions:

By: _____
Accounting Administrator Date

SCOPE OF WORK

This Scope of Work outlines the specific areas of responsibility for various PROJECT development activities for the proposed construction of light rail transit system starting off with a new bridge over Route 101 from Union Station to and over Commercial Street within the right of way of both the State and City of Los Angeles.

1. AUTHORITY shall submit PS&E conforming to the most current versions of STATE manuals, guidelines, specifications and standards as follows:

OSFP information and Procedure Guide, Bridge Design Specifications, Bridge Memos to Designers, Bridge Design Aids, Bridge Design Details, Seismic Design Criteria, Guidelines for Foundation Investigation and Reports, Bridge Design Practice, Bridge Standard Details Sheet, Highway Design Manual, Plans Preparation Manual, Project Development Procedure Manual, CADD Users Manual, Standard Plans, Plans, Specifications and Estimates Guide, and Standard Specifications.
2. STATE will review, monitor, and approve all project development reports, studies, and plans, and provide all necessary implementation activities up to and including advertising of PROJECT.
3. STATE will prepare the revised freeway agreement and obtain approval of the new light rail transit guideway bridge from the California Transportation Commission, if necessary.
4. All phases of PROJECT, from inception through construction, whether done by AUTHORITY or STATE, will be developed in accordance with all policies, procedures, practices, and standards that STATE would normally follow for a STATE project.
5. Detailed steps in the project development process are attached to this Scope of Work. These Attachments are intended as a guide to STATE's and AUTHORITY's staff.

PROJECT ACTIVITIES			
		RESPONSIBILITY	
		STATE	AUTHORITY
	PHASE 2 ACTIVITY		
1.	PRELIMINARY COORDINATION		
	Request 1 - Phase EA	X	
	Field Review of Site	X	X
	Provide Geometrics		X
	Approve Geometrics	X	
	Obtain Surveys & Aerial Mapping		X
	Obtain Copies of Assessor Maps and Other R/W Maps		X
	Obtain Copies of As-Builts		X
	Send Approved Geometrics to Local Agencies for Review	X	
	Revise Approved Geometrics if Required		X
	Approve Final Geometrics	X	
	Determine Need for Permits from Other Agencies	X	X
	Request Permits		X
	Initial Hydraulics Discussion with District Staff		X
	Initial Electrical Design Discussion with District Staff		X
	Initial Traffic & Signing Discussion with District Staff		X
	Initial Landscape Design Discussion with District Staff		X
	Plan Sheet Format Discussion	X	X
2.	ENGINEERING STUDIES AND REPORTS		
	Prepare & Submit Site Specific Geotechnical Reports		X
	Review & Approve Site Specific Geotechnical Reports	X	
	Prepare & Submit Materials Report & Typical Section		X
	Review and Approve Materials Report & Typical Section	X	

PROJECT ACTIVITIES			
		RESPONSIBILITY	
		STATE	AUTHORITY
	Prepare & Submit Landscaping Recommendation		X
	Review & Approve Landscaping Recommendation	X	
	Prepare & Submit Hydraulic Design Studies		X
	Review & Approve Hydraulic Design Studies	X	
	Prepare & Submit Bridge General Plan & Structure Type Selection		X
	Review & Approve Bridge General Plan & Structure Type Selection	X	
3.	RIGHT OF WAY ENGINEERING & UTILITIES		
	Request Utility Verification		X
	Request Preliminary Utility Relocation Plans from Utilities		X
	Prepare R/W Requirements		X
	Prepare R/W and Utility Relocation Cost Estimates		X
	Submit R/W Requirements & Utility Relocation Plans for Review		X
	Review and Comment on R/W Requirements	X	
	Longitudinal Encroachment Review	X	
	Longitudinal Encroachment Application to District		X
	Approve Longitudinal Encroachment Application	X	
	Request Final Utility Relocation Plans		X
	Check Utility Relocation Plans		X
	Submit Utility Relocation Plans for Approval		X
	Approve Utility Relocation Plans	X	
	Submit Final R/W Requirements for Review & Approval		X
4.	PREPARATION OF PLANS, SPECIFICATIONS AND ESTIMATES		
	Prepare and Submit Preliminary Stage Construction Plans		X
	Review Preliminary Stage Construction Plans	X	

PROJECT ACTIVITIES			
		RESPONSIBILITY	
		STATE	AUTHORITY
	Calculate and Plot Geometrics		X
	Cross-Sections & Earthwork Quantities Calculation		X
	Prepare and Submit BEES Estimate		X
	Put Estimate in BEES	X	
	Local Review of Preliminary Drainage Plans and Sanitary Sewer and Adjustment Details		X
	Prepare & Submit Preliminary Drainage Plans		X
	Review Preliminary Drainage Plans	X	
	Prepare Traffic Striping and Roadside Delineation Plans & Submit for Review		X
	Review Traffic Striping and Roadside Delineation Plans	X	
	Prepare & Submit Landscaping and/or Erosion Control Plans		X
	Review Landscaping and/or Erosion Control Plans	X	
	Prepare & Submit Preliminary Electrical Plans		X
	Review Preliminary Electrical Plans	X	
	Prepare & Submit Preliminary Signing Plans		X
	Review Preliminary Signing Plans	X	
	Quantity Calculations		X
	Safety Review	X	X
	Prepare Specifications		X
	Prepare & Submit Checked Structure Plans		X
	Review & Approve Checked Structure Plans	X	
	Prepare Final Contract Plans		X
	Prepare Resident Engineer Pending File for Structures		X
	Prepare Lane Closure Requirements	X	X
	Review & Approve Lane Closure Requirements	X	

PROJECT ACTIVITIES			
		RESPONSIBILITY	
		STATE	AUTHORITY
	Prepare & Submit Striping Plan		X
	Review & Approve Striping Plan	X	
	Prepare Final Estimate		X
	Prepare & Submit Draft PS&E		X
	Review Draft PS&E	X	
	Finalize & Submit PS&E to District		X
	Roadway As-Built plans to District	X	
	Structural As-Built plans to Division of Engineering Services		X
PHASE 3 ACTIVITY			
1.	R/W ACQUISITION & SUPPORT (Used when <u>qualified</u> Authority is performing R/W Activities.)		
	Fence and Excess Land Review	X	
	R/W Layout Review	X	
	Approve R/W Requirements	X	
	Obtain Title Reports		X
	Complete Appraisals		X
	Review and Approve Appraisals for Setting Just Compensation		X
	Prepare Acquisition Documents		X
	Acquire R/W		X
	Open escrows and Make Payments		X
	Obtain Resolution of Necessity		X
	Perform Eminent Domain Proceedings		X
	Provide Displacee Relocation Services		X
	Prepare Relocation Payment Valuations		X
	Provide Displacee Relocation Payments		X

PROJECT ACTIVITIES			
		RESPONSIBILITY	
		STATE	AUTHORITY
	Perform Property Management Activities		X
	Perform R/W Clearance Activities		X
	Prepare and Submit Certification of R/W		X
	Review and Approve Certification of R/W	X	
	Transfer R/W to STATE		X
	Approve & Record Title Transfer Documents	X	
	Prepare R/W Record Maps		X

DEFINITIONS

Basic Design Features - A general description of the facility:

- This guideway bridge consists of approximately 870 feet of post-tensioned concrete box girder. This bridge crosses over the westbound and eastbound lanes of the US 101 with supporting piers at the median and shoulders of the US 101, and continues in a northerly direction adjacent to the southbound lanes and towards Alameda St.