STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

REQUEST FOR PROPOSALS

I-15 Cajon Pass Rehabilitation

FOR DESIGN AND CONSTRUCTION ON STATE HIGHWAY

On I-15 from 0.4 mile north of Kenwood Avenue to 0.3 mile south of West Hesperia OH

DISTRICT 08, ROUTE I-15

CONTRACT NO. 08-0Q7404

08-SBD-I-15 PM R15.4/30.8

Project ID 08000204564

Federal Aid Project

Addendum No. 1 Issued June 4, 2013

The Department issues this Addendum No. 1 to inform Proposers of the following changes and corrections to the RFP.

INSTRUCTIONS TO PROPOSERS

The Instructions to Proposers is modified as indicated by the deletions and additions set forth below.

Table 2-1 "Procurement Schedule" is modified as indicated below:

Table 2-1 Procurement Schedule	
Issuance of RFQ	October 31, 2012
SOQ Due Date	January 9, 2013
Prequalification Announcement	February 15, 2013
Issuance of RFP by Department to Prequalified Proposers	April 26, 2013
Data Room, Access Permitted	April 26, 2013
Pre-Bid Conference	May 14~~15~~, 2013
One-on-One Meetings	May 21-22, 2013
One-on-One Meetings	June 11-12, 2013
ATC Submittal Due Date	June 28, 2013
ATC Response Date	July 26, 2013
Request for Clarifications Submittal Deadline	August 2, 2013
Price Proposal Due Date	August 23, 2012
Public Opening Date	August 23, 2013
Good Faith Efforts Documentation Due Date	August 30, 2013
Contract Award	October 4, 2013

BOOK 1 DESIGN-BUILD CONTRACT

The Book 1, Design-Build Contract, is modified as indicated by the deletions and additions set forth below.

Exhibit A-1 Acronyms

The following acronym is added to Exhibit A-1:

APE Area of Potential Effect

Exhibit A-2 Definitions

The following definition is added to Exhibit A-2:

Area of Potential Effect (APE)	Applies to all cultural related documents. For documents where APE is used and the document is not a cultural related document, the term shall be interpreted as the Environmental Footprint.

BOOK 2 PROJECT REQUIREMENTS

The Book 2, Project Requirements, is modified as indicated by the deletions and additions set forth below.

Section 2 Project Management

Section 2.4.2.3 "Control of Materials" is modified as indicated below:

2.4.2.3 Control of Material

The Design Builder shall furnish the Department a list of the Design Builder's sources of materials and the locations at which those materials will be available for inspection within seven (7) days after NTP 2. The list shall be submitted on the form shown on Exhibit 2-B, Notice of Materials to Be Used Form (CEM-3101DB), and shall be furnished to the Department within the required time as listed on Exhibit 2-C, Inspection Request Form (TL-38DB) to permit inspecting and testing of materials to be furnished from the listed sources in advance of their use. The Department will perform verification inspection and testing at the source.

The Design-Builder Quality Validation Manager (QVM) will be primarily responsible for material management and the Department will be copied on all the correspondences.

The Design-Builder shall perform Source Inspection and Fabrication Quality Control and Quality Validation on materials or products that will be used in all phases of the project and that are produced or fabricated at locations outside the construction site. Exhibit 2-E, tier Priority List, summarizes a partial tier list of materials that are subject to the Department Source Inspection requirements

The Department may inspect, sample, or test materials at the source of supply or other locations, but the inspection, sampling or testing will not be undertaken until the Quality Control and Quality Validation personnel working on behalf of the Design Builder have completed their quality checks and the Department is assured by the Design Builder of the cooperation and assistance of both the Design Builder and the supplier of the material. The Design Builder shall assure that the Department or the Department's authorized representative has free access at all times to the material to be inspected, sampled, or tested. The necessary samples for destructive testing will be provided at the Design Builder's expense.

The Department shall be allowed to record, including photograph and video record, to ensure a material is produced to comply with the Contract. It is understood that the inspections and tests if made at any point other than the point of incorporation in the work in no way shall be considered as a guaranty of acceptance of the material nor of continued acceptance of material presumed to

be similar to that upon which inspections and tests have been made. The Department's Verification sampling, testing, and inspection as part of its Acceptance Program is the prerogative of the Department and does not relieve the Contractor of responsibility for Quality Control and Quality Validation.

The Design Builder shall furnish all samples selected by the Department for the Department's verification and shall allow reasonable time to perform Contract Acceptance Testing (CAT)

For any materials/products that are shown on the Department's Pre-Qualified Authorized Materials List, the Design Builder shall only utilize suppliers of such products that are on the list. See the Department's Materials Engineering and Testing Services (METS) website for the Authorized Materials List.

Where required by the specifications, materials/products should be fabricated at a location that has passed a Department audit, the Design Builder shall only utilize an audited/authorized facility that resides on the latest Department Audited Facility List. See the Department's Materials Engineering and Testing Services (METS) website for the latest list of Audited Facilities.

"Traffic Manager" of Section 2.5.2.2.2 "Minimum Requirements of Key Personnel" is modified as indicated below:

Traffic Manager

- Shall report to the Design Manager.
- ~~Shall be a licensed Professional Engineer in the State of California now or by the time the first Notice to Proceed is issued.~~Registered Professional Engineer in the State of California is preferred, but not required
- Shall be experienced in signal design, lighting design, signing design, work zone safety, and work zone traffic control plan design.
- Shall have ten (10) years recent relevant experience in traffic engineering and traffic management on similar projects.

Replace Exhibit 2-A "Quality Manual Template" with the revised Exhibit 2-A posted separately to the Data Room.

Add Exhibit 2-E "Source Inspection Tier Priority List" attached to this addendum.

Section 9 Land Surveys

Section 9.2.2 "Quality Management Plan" is modified as indicated below:

9.2.2 Quality Management Plan

The Design-Builder shall develop a Quality Management Plan (QMP) that includes the complete description of the quality control (QC) and quality validation~~assurance~~ (QV~~A~~) activities for each surveying product.

The QMP shall be written to achieve the following:

- All individuals responsible for land surveying know what constitutes quality survey products.
- All individuals responsible understand the specifications, standards, and legal requirements for the survey products.
- To have a clearly defined QC plan and QV~~A~~ plan for each survey product.

The Department will perform an Independent Quality Assurance (IQA) of the QMP as well as for the resultant survey products.

Section 11 Roadways

Section 11.3.1 "Performance Requirements" is modified as indicated below:

11.3.1 Performance Requirements

The Design Builder shall design and construct all roadways to comply with the following performance requirements:

- Meet all Department and AASHTO roadway design and safety standards,
- Meet capacity for the 2055 design year,

The Design Builder shall design and construct all roadway elements according to Department and AASHTO standards. This includes but is not limited to horizontal alignment, vertical alignment, superelevation, cross slopes, lane widths, shoulder widths, medians, clear zone, side slopes, and cut and fill slopes. This Project has additional specific requirements for some of these elements, which are given in this section.

The Design Builder shall prepare all necessary engineering studies and applicable design reports to justify all project roadway elements used in the project.

I-15 mainline within the project limits is part of the Extralegal Load Network (ELLN). The existing minimum vertical clearances on the Route 15 mainline within the project limits shall be maintained. These vertical clearance requirements apply during construction as well as at project completion, unless a Department-approved detour for extra-legal loads is provided. If a Department-approved detour for extra-legal loads is provided, minimum vertical clearance on I-15 may be reduced during construction to 15 feet. Where applicable standards or other portions of this contract require greater clearances than the existing clearances, the greater clearance shall govern for all new construction.

All structures spanning the southbound I-15 roadbed (excluding sign structures) shall provide clear span (edge of shoulder to column face) for an additional 50 feet of future pavement parallel to the inside of the southbound I-15 roadbed, without requiring the replacement of the structure.

The following spot improvements will also be performed:

- Upgrade guardrail height and terminal height to the current standard as needed. The locations are listed but not limited to the following:
  - Approach flares at PM R20.3 (NB), R21.2 (NB)
- Extension of terminal system some 12' at Post Mile (PM) R20.0 (SB) to better shield the existing control box

- Drill break away holes in the sign post located at PM R26.0 (SB),
- Replace damaged guardrail elements at the following locations:
  - Northbound: R17.9, R18.25, R18.85, R18.9, R23.94, R24.77,
  - Southbound: R24.2, R22.2,
- Dispose and r~~R~~eplace the existing K-rail along the median with concrete barrier at the following post mile locations:
  - Northbound: R16.0-R18.48, R18.53-R19.29, R19.3-R20.2, R20.24-R20.32, R20.34-R21.37,
- Close the gaps of MBGR along the southbound inside shoulder from PM R22.98 to R25.85. And place asphalt concrete dike (Type F) and implement vegetation control along the proposed MBGR locations. Remove the existing flared end system to match the existing MBGR and the proposed MBGR,
- Shift guardrail so that it is flush with face of the dike, the locations are, but not limited to the following:
  - NB: PM R20.3
  - SB: PM R14.95, R20.8, R23.2, and R28.0/R29.0,
- Install guardrail at the outside embankment locations listed as follows: R18.5-R18.6 (NB), R19.1 (NB), R21.9(NB), R21.75-R22.05 (NB), R24.3 (NB), R19.2 (SB), R18.5 (SB), R26.6 (SB), R25.2 (SB), R23.3-R23.5 (SB), R23.2-R23.3 (SB), R22.9-R23.0 (SB), R19.73-R19.6 (SB), R19.5-R19.6 (SB), R26.2 (SB Off to truck Safety Check Area),
- Place post mile markers at the following locations: NB R17.00, R24.00, R24.50,
- Remove raised islands and pave the gore areas with the outside lane pavement structure at the following locations: R20.62 (NB), R20.8 (SB), at the Truck Scale exits
- Replace damaged W51 Sign at PM R22.7 (NB)
- Place rumble strips along the inside and outside shoulders throughout the project limits,
- Grind all PCC pavement per Section 21, “Pavement” in Book2,

The existing treated MBGR wood post shall be disposed per the NSSP in Book 3.

See Section 21, “Pavement”, for detailed description of pavement work. Loop detectors, wiring, pull boxes and other ITS, electrical elements impacted by Roadway work shall be restored per Section 16 & 17.

The Design-Builder shall follow the Project-specific design standards for specific roadways shown in the following tables.

PROJECT-SPECIFIC DESIGN STANDARDS

Roadway: I-15 Mainline

Location: From I-15 PM 15.4 to I-15 PM 30.8

Design Standards	Freeway Mainline
Jurisdictional System	Caltrans
Functional Class	Freeway
Access Control	Full
Highway Type	Multi-Lane Divided, Urban Section
Design Vehicle	STAA
Terrain	Mountain
Project Posted Speed	70 mph
Design Speed	80 mph
Shoulder Bus Use	No

TRAFFIC VOLUMES

Freeway Segment	AADT		
	2015	**2035**	**2055**
I-15 Northbound			
PM R15.4 to R21.37	91,000	134,700	170,000
PM R21.37 to 29.80	77,000	117,000	148,700
I-15 Southbound			
PM 29.80 to R21.37	72,100	101,600	126,600
PM R21.37 to R15.40	87,100	127,500	160,600

~~**MEDIAN TYPES**~~

Section 11.3.1.8 "Temporary Facilities" is modified as indicated below:

11.3.1.8 Temporary Facilities

The Design Builder shall design all temporary roadway facilities to comply with the same design and construction requirements as that of the permanent roadway facilities with following exceptions:

- Lane widths may be reduced to 11 feet, except for the outermost lane (which must be a minimum of 12 feet wide),
- Shoulder widths may be reduced. A minimum shoulder width of 1~~2~~ foot shall be maintained for all inside shoulders. The outside shoulder requirements are specified in Section 18 Maintenance of Traffic

Exceptions to design standards for all other temporary roadway facilities shall be approved by the Department prior to construction. Approval is at the sole discretion of the Department.

The Design Builder shall obtain approval from Caltrans and FHWA prior to constructing any temporary entrance/exit ramps and perform any associated engineering, documentation, and coordination.

Design-Builder shall furnish all necessary design documents and obtain all necessary permits for temporary traffic detours, temporary realignments of existing local roadways, and access roads affected by Project construction. Design Builder shall coordinate the design of these elements with Department and affected local agencies.

Section 11.3.2 "Design Exceptions" is modified as indicated below:

11.3.2 Design Exceptions

The Project is scoped and will be designed as a pavement focused (2R) project. Both Mandatory and Advisory Design Exception fact sheets will not be required for existing geometric design features, but a statement to document that conclusion should be included in the Project History File. All newly proposed nonstandard features must be documented in a Mandatory or Advisory Design Exception Fact Sheet, as appropriate. The Department discourages creating exceptions, and will not consider exceptions for modest benefits.

The Department may consider exceptions from standards or criteria on a case-by-case basis, at specific locations where the Design-Builder demonstrates that substantial benefit to the Department and the public would accrue from the recommendation. Obtain the Department approval of any such changes to the design standards or criteria. Fully and clearly document any changes from the Department design standards and criteria and maintain a complete record of all such changes for the Department reference.

Section 11.3.3.1 "Mandatory Design Exceptions" is modified as indicated below:

11.3.3.1 Mandatory Design Exceptions

Mandatory standards use the word "shall" and are printed in bold face type in the HDM.

The Design Builder shall design all the elements associated with mainline highway and other roadways in accordance with the criteria established in the Contract Documents. ~~Some elements of the design developed in the preliminary design may not meet these design requirements. For these variances, mandatory design exceptions have already been approved by the Department and FHWA and are described below.~~ The Design Builder shall submit the final mandatory design exceptions for approval by the Department and the FHWA. The Design Builder is discouraged from creating additional mandatory design exceptions, since there is no assurance that they will be approved by the Department or FHWA; however, elimination of existing design exceptions by the Design Builder is encouraged. If the Design Builder's design creates additional design exceptions, or deviates farther from the applicable standard of an existing design exception, the Design Builder must demonstrate on a case-by-case basis that substantial benefits to the Project and the public would result from the Design Builder's recommendation. Any additional exceptions requested by the Design Builder will be subject to the Department and FHWA approval. The Design Builder shall comply with the Design Exception Process as stated in Chapter 21 of the Project Development Procedures Manual (PDPM)

The process for mandatory design exceptions is shown in Exhibit 11-A, Design Exception Process Flowchart.

Section 11.3.3.2 "Advisory Design Exceptions" is modified as indicated below:

11.3.3.2 Advisory Design Exceptions

Advisory standards use the word "should" and are indicated by Underlining in the HDM.

The Design Builder shall design all the elements associated with mainline highway and other roadways in accordance with the criteria established in the Contract Documents~~. Some elements of the design developed in the preliminary design may not meet these design requirements. For these variances, advisory design exceptions have already been approved by the Department and are described below. The Design Builder shall submit the final design exceptions for approval by the Department~~.

The Design Builder is discouraged from creating additional advisory design exceptions, since there is no assurance that they will be approved by the Department; however, elimination of existing design exceptions by the Design Builder is encouraged. If the Design Builder's design creates additional design exceptions, or deviates farther from the applicable standard of an existing design exception, the Design Builder must demonstrate on a case-by-case basis that substantial benefits to the Project and the public would result from the Design Builder's recommendation. Any additional exceptions requested by the Design Builder will be subject to the Department approval. The format and requirements of the Advisory Design Exceptions shall follow the format and requirements of the Mandatory Design Exceptions as stated in Chapter 21 of the Project Development Procedures Manual (PDPM) with the exception that the Advisory Design Exceptions only need the Department's District Approval. The Geometrician and FHWA approval are not necessary for an Advisory Design Exception.

Upon receipt of the design exception request, the Department will review and if deemed acceptable, approve the request. The process for advisory design exceptions is shown in Exhibit 11-A, Design Exception Process Flowchart.

Section 16 Signing, Pavement Marking, Signalization, and Lighting

Section 16.3.1.2 "Signing Plan Requirements" is modified as indicated below:

16.3.1.2 Signing Plan Requirements

The Design-Builder shall develop a Signing Plan for the project to:

- Continue to display such signing during the remaining construction of the Project if permanent signing is erected by the Design-Builder that could be used for motorist guidance
- Maintain existing Guide signs for on-off ramps, Interstate guide signs, Warning signs, Regulatory signs, Airport signs, and Hospital signs during all phases of construction.
- Upgrade the existing signs within the limits of the project per the following procedure. The sign panels to be upgraded are shown but not limited in Exhibit 16-E

- Design Builder will perform inventory and analysis to confirm if signs meet the current MUTCD.
- All existing sign panels will be tested for reflectivity.
- All sign posts and panels that do not meet the current MUTCD requirements shall be replaced.
- Overhead signs and bridge mounted signs, including Changeable Message Sign Boards will not be structurally upgraded per this project. The panels may require replacement,

- The Signing plan shall provide for modifications to signage within the project work limits that are rendered inaccurate, ineffective, confusing, obsolete, or unnecessary by the Project. This includes guide signs on roadways within the project work limits. Guide signs include route marker assemblies, directional, distance, and information signs. The modifications shall include the addition, removal, or alteration of signs and appurtenances as deemed necessary by the project,
- Include all necessary guide, warning, supplemental, sequential, and regulatory signs for the mainline, ramps, and interchanges, as well as for the arterial streets, frontage roads, and any other roadways affected by the Project,
- Signs shall be located in such a manner that they do not conflict with other signs, vegetation, or structures and are clearly visible according to CA MUTCD 2012 standards,
- Guide signs shall include route marker assemblies, directional, distance, and information signs,
- The project will not require the modification of any overhead sign existing structures, but the sign panels shown on Exhibit 16-E shall be replaced. Panel sizes for overhead sign structures will maintain existing dimensions. The Department will review and approve lettering and messaging adjustments to fit existing panel size.

The Signing Plan shall include as a minimum, the following requirements:

- Sign locations,
- Panel legends,
- Proximity to Intelligent Transportation System (ITS) devices, including Changeable Message Sign (CMS) locations,
- Types of proposed sign structures,

Section 16.3.3 "Speed Measurement Marking and Signing" is modified as indicated below:

16.3.3 ~~[NOT USED]~~Speed Measurement Marking and Signing

Speed measurement markings and signs shall be constructed in ordinance with the CA MUTCD, *Caltrans Standard Plans* and *Standard Specifications.*

Section 16.3.7.5 “Specific Requirements” is modified as indicated below:

16.3.7.5 Specific Requirements

During the course of the Contract, the Design-Builder shall respond to complaints of residents adjacent to the Project and take necessary measures to mitigate any issues resulting from the temporary lighting system.

The Design-Builder shall design all new permanent lighting systems to be 120/240 volts. The Design-Builder shall consider locations of nearby guardrail, noise walls, retaining walls, utilities, and overhead power lines when placing light poles. The Design-Builder shall install electroliers with slip bases within the recovery clear zone unless otherwise protected by MBGR or concrete barrier.

The Design-Builder shall design all temporary lighting system to comply with the same design and construction requirements of the permanent systems. Temporary Lighting Systems will be required for any temporary traffic cross-over facilities.

Replace Exhibit 16-E “Pictures of Existing Sign Panels to be Replaced” with the revised Exhibit 16-E attached to this addendum.

Section 17 Intelligent Transportation Systems

Section 17.3.1 “ITS Concept Meetings” is modified as indicated below:

17.3.1 ITS Concept Meetings

The Design-Builder shall schedule and participate in ITS concept meetings to present layouts of the existing and proposed ITS system on the Project. The Design-Builder shall be responsible for determining the number and location of all affected ITS elements. The Design-Builder shall document this information, along with preliminary quantities. Existing ITS element sites shall be relocated to accommodate the roadway widening.

At the ITS concept meeting, the Design-Builder shall present a functional ITS design with hardcopy layouts. The ITS concept meeting shall include proposed approaches for and discussion of the following topic areas:

- Preliminary plan for maintaining existing TOS system during construction,
- Fiber-optic cable/conduit location,
- Fiber-optic cable/conduit location,
- Splice vault /Pull box locations,
- Cabinet locations,
- Fiber-optic cable splicing and testing,
- Locating ITS elements (ramp metering systems, traffic monitoring stations/count stations, CCTV cameras, and Maintenance Vehicle Pullouts (MVPs),
- Salvaged items,
- Worker certifications,
- Component testing (wire tests, Weigh in motion system, loop detector and piezo-electric axle sensors testing),
- Test equipment calibration,

- Documentation of Temporary ITS elements,
- Review ITS systems and operations, including field verification of all legacy ITS systems and elements,
- Define and finalize ITS functional, technical, operational, and maintenance requirements,
- Finalize goals and parameters of ITS design,
- Establish integration requirements,
- Develop Acceptance of ITS design,
- Address and discuss ITS construction issues,
- Upgrade existing Roadway Weather Information System (RWIS).

The Design-Builder shall submit the proposed Testing Plan. This meeting shall occur prior to any testing. Testing personnel, including the people that will be performing the field-testing shall be required to attend the meeting. The Design-Builder shall notify the Department prior to F/O system testing. The Department may observe each test.

Section 17.3.5 "Weigh in Motion System (WIM)" is added as indicated below:

17.3.5 ~~[NOT USED]~~ Weigh in Motion System (WIM)

The Design-Builder shall replace any affected scale frames, sensor modules, lead-in-cables and tube conduits located within or beneath the affected pavement. The Design-Builder shall furnish and install necessary equipment to make the system fully operational. The Design-Builder shall perform any necessary concrete pavement grinding or replacement in order to meet the system specifications. The Design-Builder is responsible for maintaining continuous and uninterrupted service from the site to all external communication networks. The Design Builder shall consult with Caltrans Headquarters WIM Division for proper installation of all WIM equipment.

Section 18 Maintenance of Traffic

Section 18.4.2 "Maintaining Traffic" is added as indicated below:

18.4.2 Maintaining Traffic

Maintaining traffic shall conform to the provisions in Sections 7-1.08, "Public Convenience," Section 7-1.09, "Public Safety," and Section 12, "Construction Area Traffic Control Devices," of the Caltrans Standard Specifications and these Technical Provisions.

Closure is defined as the closure of a traffic lane or lanes, including shoulder, ramp or connector lanes, within a single traffic control system.

Closures shall conform to the provisions in "Traffic Control System for Lane Closure" of these Technical Provisions.

Closures shall conform to the closure charts provided by the Department (see Exhibit 18-A).

Work that interferes with public traffic shall be limited to the hours when lane closures are allowed, except for work required under Sections 7-1.08, "Public Convenience," and Section 7-1.09, "Public Safety," of the Standard Specifications.

Designated legal holidays are: January 1st, the third Monday in February, the last Monday in May, July 4th, the first Monday in September, November 11th, Thanksgiving Day, and December 25th. When a designated legal holiday falls on a Sunday, the following Monday shall be a designated legal holiday. When November 11th falls on a Saturday, the preceding Friday shall be a designated legal holiday.

Special days are: the third Monday in January.

The maximum length of a single stationary lane closure shall be 3.0 miles.

No more than one (1) separate stationary lane closures will be allowed in any one direction of travel at any given time.

Local authorities shall be notified at least five (5) business days before work begins. The Design-Builder shall cooperate with local authorities to handle traffic through the work area and shall make arrangements to keep the work area clear of parked vehicles.

All ramps for all interchanges, brake inspection area, truck escape ramp and truck scales will not be allowed to be closed during construction except as allowed per the lane closure charts.

Personal vehicles of the Design-Builder's employees shall not be parked on the traveled way or shoulders including sections closed to public traffic.

When work vehicles or equipment are parked within 6 feet of a traffic lane to perform active construction, the shoulder area shall be closed with fluorescent orange traffic cones or portable delineators placed on a taper in advance of the parked vehicles or equipment and along the edge of the pavement at 25-foot intervals to a point not less than 25 feet past the last vehicle or piece of equipment. A minimum of 9 traffic cones or portable delineators shall be used for the taper. A W20-1 (ROAD WORK AHEAD) or W21-5b (RIGHT/LEFT SHOULDER CLOSED AHEAD) or C24(CA) (SHOULDER WORK AHEAD) sign shall be mounted on a crashworthy portable sign support with flags. The sign shall be placed where designated by the Department. The sign shall be a minimum of 48" x 48" in size. The Design-Builder shall immediately restore to the original position and location a traffic cone or delineator that is displaced or overturned, during the progress of work.

If minor deviations from the lane requirement charts are required, a written request shall be submitted to the Department at least 15 days before the proposed date of the closure. The Department may approve the deviations at its sole discretion if the work can be expedited and better serve the public traffic.

Lane Closure Restriction for Designated Legal Holidays and Special Days										
Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat	Sun
x	**H** xx	xx	xx	xxx						
	SD xx									
x	xx	**H** xx	xx	xxx						
		SD xx								
	x	xx	**H** xx	xx						
			SD xx	xxx						
	x	xx	xx	**H** xx	xxx					
	x	xx	xx	**SD** xx	xxx					
				x	**H** xx	xxx				
				x	**SD** xx					
					x	**H** xx	xxx			
						SD xx				
						x	**H** xx	xx	xx	xx
							SD xx			

Legends:

	Refer to lane closure charts
x	The full width of the traveled way shall be open for use by public traffic after 7:00 AM.
xx	The full width of the traveled way shall be open for use by public traffic.
xxx	The full width of the traveled way shall be open for use by public traffic until 6:00 PM.
H	Designated Legal Holiday
SD	Special Day

District 8 Special Events List

No work that encroaches onto the traveled way of the affected Routes shall be allowed from 3 hours before to 2 hours following special events listed below unless otherwise permitted by the District Traffic Manager

Venue/Special Events	Affected Routes	Route Impact	Route Limits	Presently Identified The Month Of Events	Website	Contact #
San Manuel Amphitheater (Glen Helen)	215 15	*** **	University Pkwy to I-15/215 Connector I-60 to Devore Road	Various events May-Oct yearly See web site	www.sanmanuelamphitheater.com/	909-880-6500
Route 66 Rendezvous	215	***	Mill St. to 5th St	September	www.route-66.org	909-889-3980
Auto Club Speedway (California)	10 15 210 66 60	*** *** *** *** ***	LA I-57 to SBD I-215 I-15/215 to SR-91 Haven to I-215 Haven to Cherry I-15 to County Line	Various events Thru the year See web site	www.autoclubspeedway.com/	909-429-5000
Temecula Balloon and Wine Festival	15	**	SR-79 (Winchester Rd) and Rancho California	June	www.tvbwf.com	951-676-6713
Bob Hope/Chrysler Classic	10	**	Palm Springs off ramp at SR-111	January	www.bhcc.com	760-346-6329
Kraft Nabisco Championship	10	**	Palm Springs off ramp at SR-111	March	http://www.kncgolf.com/	760-324-4546
Festival of Lights (Downtown Riverside)	91	**	I-15 to I-215/SR-60 split	November	http://www.riversidedowntown.org/	951-683-7100
March Air Show March Air Reserve Base	215	***	Cactus to Ramona Express Way	May	http://www.marchfieldairfest.com/	951-655-1110
UCR Graduation	60 215	*** ***	I-215/SR-60/SR-91 split to Central Ave	June	www.commencement.ucr.edu	951-787-3144
Laughlin River Run	40	***	I-40/ From I-15 to Arizona State Line	April	http://www.laughlinriverrun.com/	949-502-3434
Thunder & Lightning Powwow	10	***	I-10/ Morongo Valley	September	http://www.morongocasinoresort.com/pow2.cfm	800-252-4499 ext.# 23800

Note: The dates of events change yearly. Contact numbers and websites provided to verify exact dates.

** Designates-Moderate Impact (20 minute delay or less)
*** Designates-High Impact (30 minute delay or less)

**** Other special events do exist that impact our freeway and highway system. Close coordination with the

Local agencies and other impacted entities must be carried out before conducting work that requires

Full or partial closures.

Exhibit 18-A "Lane Requirement Charts is modified as indicated below:

On Chart 7, change the Route/Direction from "15/NB" to "15/SB"

Section 21 Pavements

Section 21.2.5 "Equipment Requirements" is deleted as indicated below:

21.2.5 ~~Equipment Requirements~~Reserved

~~The Design-Builder shall use falling weight deflectometers for field measurements of pavement. The equipment shall meet the requirements of California Test Method CT 356 and shall be calibrated in relation to Caltrans equipment.~~

Table 21-1 is modified as indicated below:

Table 21-1 Location Approximate only		Locations with AC Overlay	
		Southbound Lanes	
PM	Length(ft')	1	2
29.0-29.1	230	x	x
23.3-23.0	370	x	x
2~~7~~1.1-21~~7~~.0	160	x	x
19.5-19.3	600	x	x
19.3-19.2	450	x	x
17.0-16.45	2140	x	x
16.4-16.7	190	x	x

Table 21-2 is modified as indicated below:

Table 21-2 Location Approximate only		Locations with AC Overlay		
		Northbound Lanes		
PM	Length(ft')	1	2	3
15.5-15.6	230	-	x	x
16.6-16.7	170	-	x	x
18.0-18.1	260	x	x	x
20.0-20.1	190	x	x	x
24.1-24.3	580	x	x	x
29.8	450	x	x	x

Section 21.4.4 “Equipment Requirements” is deleted as indicated below:

> The limits of pavement rehabilitation will be from the end of construction of EA 08-0K7104, I-15/I-215 Devore Interchange Reconfiguration Project. The project EA 08-0K7104 ends approximately at PM R15.98 Northbound and PM R16.37 Southbound~~, separately~~. The end of pavement rehabilitation is~~will be at~~ PM 29.8 for ~~both~~ the ~~n~~Northbound ~~and southbound~~ direction~~s~~ and PM 29.1 for the Southbound direction.

BOOK 3 APPLICABLE STANDARDS

Section 1”Index of Standards, Manuals, Guidelines and References” is modified as indicated below:

324	Caltrans	Standard Special Provisions (SSPs) Updates	April 19, 2013 ~~February 17, 2013~~	W	√

REFERENCE INFORMATION DOCUMENTS (RID)

See revised RID Index for a list of provided Reference Information Documents in the Data Room.

Tier-Failures
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* State Furnished and Standard Bid Items Only

Tier	Inspection Priority	Bid Item*	Resp OSM Comm	Description	Category
1	A	VARIES	CC	FURNISH PRECAST CONCRETE GIRDER	STRUCTURAL PRECAST CONCRETE
1	A	VARIES	CC	FURNISH PRECAST PRESTRESSED CONCRETE DECK UNIT (SLAB TYPE)	STRUCTURAL PRECAST CONCRETE
1	A	VARIES	CC	FURNISH PRECAST PRESTRESSED CONCRETE GIRDER	STRUCTURAL PRECAST CONCRETE
1	A	VARIES	CC	FURNISH PRECAST PRESTRESSED CONCRETE SLAB	STRUCTURAL PRECAST CONCRETE
1	A	550201	WS	FURNISH STRUCTURAL STEEL	STRUCTURAL STEEL
1	A	550203	WS	FURNISH STRUCTURAL STEEL (BRIDGE)	STRUCTURAL STEEL
1	A	550101	WS	STRUCTURAL STEEL	STRUCTURAL STEEL
1	A	550102	WS	STRUCTURAL STEEL (BRIDGE)	STRUCTURAL STEEL
2	A	550120	WS	ALTERNATIVE COLUMN CASING	COLUMN CASING
2	A	VARIES	MT	BAR REINFORCING STEEL	BAR REINFORCING STEEL
2	A	704700	WS	CEMENT-MORTAR LINED AND REINFORCED CEMENT-MORTAR COATED WELDED STEEL PRESSURE PIPE	WELDED STEEL PIPE
2	A	VARIES	WS	CEMENT-MORTAR LINED AND REINFORCED CEMENT-MORTAR COATED WELDED STEEL PRESSURE PIPE (CLASS 100)	WELDED STEEL PIPE
2	A	VARIES	WS	CEMENT-MORTAR LINED AND REINFORCED CEMENT-MORTAR COATED WELDED STEEL PRESSURE PIPE (CLASS 200)	WELDED STEEL PIPE
2	A	VARIES	WS	CEMENT-MORTAR LINED, ASPHALT COATED AND WRAPPED WELDED STEEL PIPE	WELDED STEEL PIPE
2	A	VARIES	WS	COATED AND WRAPPED WELDED STEEL PIPE	WELDED STEEL PIPE
2	A	550110	WS	COLUMN CASING	COLUMN CASING
2	A	VARIES	WS	FURNISH PILING (CLASS ___) (ALTERNATIVE V)	PILE (CLASS 70 TO 900)
2	A	VARIES	WS	FURNISH PILING (CLASS ___) (ALTERNATIVE W)	PILE (CLASS 70 TO 900)
2	A	VARIES	CC	FURNISH PILING (CLASS___)	PILE (CLASS 70 TO 900)
2	A	560230	WS	FURNISH SIGN STRUCTURE (BOX BEAM-CLOSED TRUSS)	SIGN STRUCTURE
2	A	560203	WS	FURNISH SIGN STRUCTURE (BRIDGE MOUNTED WITH WALKWAY)	SIGN STRUCTURE
2	A	560223	WS	FURNISH SIGN STRUCTURE (BRIDGE MOUNTED WITHOUT WALKWAY)	SIGN STRUCTURE
2	A	560213	WS	FURNISH SIGN STRUCTURE (LIGHTWEIGHT)	SIGN STRUCTURE
2	A	560218	WS	FURNISH SIGN STRUCTURE (TRUSS)	SIGN STRUCTURE
2	A	560208	WS	FURNISH SIGN STRUCTURE (TUBULAR)	SIGN STRUCTURE
2	A	VARIES	WS	FURNISH STEEL PILING	STEEL PILE
2	A	VARIES	WS	FURNISH STEEL PIPE PILING	STEEL PIPE PILE
2	A	490553	WS	FURNISH STEEL SHEET PILING	STEEL SHEET PILE
2	A	490101	SI	FURNISH TIMBER PILING	TIMBER PILE
2	A	490201	SI	FURNISH TREATED TIMBER PILING	TIMBER PILE
2	A	VARIES	MT	HEADED BAR REINFORCEMENT	BAR REINFORCING STEEL
2	A	VARIES	WS	JACKED WELDED STEEL PIPE	WELDED STEEL PIPE
2	A	562002	WS	METAL (BARRIER MOUNTED SIGN)	SIGN STRUCTURE
2	A	562004	WS	METAL (RAIL MOUNTED SIGN)	SIGN STRUCTURE
2	A	562001	WS	METAL (ROADSIDE SIGN)	SIGN STRUCTURE
2	A	VARIES	WS	METAL LINER PLATE PIPE	STEEL PLATE PIPE
2	A	VARIES	WS	METAL LINER PLATE PIPE (TYPE A)	STEEL PLATE PIPE
2	A	500010	MT	PRESTRESSING	CAST-IN-PLACE PRESTRESSED CONCRETE
2	A	518050	WS	PTFE BEARING	BEARING PAD (PTFE BEARING)
2	A	518051	WS	PTFE SPHERICAL BEARING	BEARING PAD (PTFE BEARING)
2	A	490380	WS	SHEET PILING	STEEL SHEET PILE
2	A	560113	WS	SIGN STRUCTURE (BRIDGE MOUNTED WITH WALKWAY)	SIGN STRUCTURE
2	A	560120	WS	SIGN STRUCTURE (BRIDGE MOUNTED WITHOUT WALKWAY)	SIGN STRUCTURE
2	A	490801	WS	STEEL SHEET PILING	STEEL SHEET PILE
2	A	VARIES	WS	STRUCTURAL STEEL PLATE ARCH	STEEL PLATE PIPE
2	A	VARIES	WS	STRUCTURAL STEEL PLATE PIPE	STEEL PLATE PIPE
2	A	VARIES	WS	STRUCTURAL STEEL PLATE PIPE (1/4 LINED)	STEEL PLATE PIPE
2	A	VARIES	WS	STRUCTURAL STEEL PLATE PIPE (4 BOLT)	STEEL PLATE PIPE
2	A	VARIES	WS	STRUCTURAL STEEL PLATE PIPE (6 BOLT)	STEEL PLATE PIPE
2	A	VARIES	WS	STRUCTURAL STEEL PLATE PIPE (8 BOLT)	STEEL PLATE PIPE
2	A	VARIES	WS	STRUCTURAL STEEL PLATE PIPE ARCH	STEEL PLATE PIPE
2	A	VARIES	WS	STRUCTURAL STEEL PLATE UNDERPASS	STEEL PLATE PIPE
2	A	VARIES	WS	STRUCTURAL STEEL PLATE VEHICULAR UNDERPASS	STEEL PLATE PIPE
2	A	VARIES	WS	WELDED STEEL PIPE	WELDED STEEL PIPE

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2	A	VARIES	WS	WELDED STEEL PIPE CASING (BRIDGE)	WELDED STEEL PIPE
2	A	VARIES	WS	WELDED STEEL PIPE CONDUIT	WELDED STEEL PIPE
2	A	VARIES	WS	WELDED STEEL PIPE-LINER	WELDED STEEL PIPE
3	A	709904	SI	CATCH BASIN	DRAINAGE COMPONENT (GRATE)
3	A	719530	SI	CURB DRAIN	DRAINAGE COMPONENT (GRATE)
3	A	VARIES	SI	DEBRIS DEFLECTOR	DRAINAGE COMPONENT (GRATE)
3	A	706551	SI	DEBRIS DEFLECTOR RAIL	DRAINAGE COMPONENT (GRATE)
3	A	VARIES	SI	DEBRIS RACK	DRAINAGE COMPONENT (GRATE)
3	A	VARIES	SI	DEBRIS RACK	DRAINAGE COMPONENT (GRATE)
3	A	VARIES	SI	DEBRIS RACK CAGE	DRAINAGE COMPONENT (GRATE)
3	A	706540	SI	DEBRIS RISER	DRAINAGE COMPONENT (GRATE)
3	A	709901	SI	DEFORMED METAL PIPE	DRAINAGE COMPONENT (GRATE)
3	A	707050	SI	DRAINAGE INLET	DRAINAGE COMPONENT (GRATE)
3	A	707051	SI	DRAINAGE MANHOLE	DRAINAGE COMPONENT (GRATE)
3	A	750008	SI	FRAME AND COVER	MISCELLANEOUS METAL
3	A	750007	SI	FRAME AND GRATE	MISCELLANEOUS METAL
3	A	750015	SI	FRAME AND GRATE (SPECIAL)	MISCELLANEOUS METAL
3	A	719531	SI	GUTTER DRAIN	DRAINAGE COMPONENT (GRATE)
3	A	709906	SI	INLET	DRAINAGE COMPONENT (GRATE)
3	A	709903	SI	INLET (SPECIAL)	DRAINAGE COMPONENT (GRATE)
3	A	750025	SI	INLET FRAME AND COVER	MISCELLANEOUS METAL
3	A	750030	SI	INLET FRAME AND GRATE	MISCELLANEOUS METAL
3	A	750035	SI	INLET FRAME AND GRATE (TYPE 36R)	MISCELLANEOUS METAL
3	A	750050	SI	INLET GRATE	MISCELLANEOUS METAL
3	A	750049	SI	INLET GRATE (TYPE 36R)	MISCELLANEOUS METAL
3	A	VARIES	SI	MANHOLE	DRAINAGE COMPONENT (MANHOLE)
3	A	750010	SI	MANHOLE FRAME AND COVER	DRAINAGE COMPONENT (MANHOLE)
3	A	750013	SI	MANHOLE FRAME AND COVER (PRESSURE)	DRAINAGE COMPONENT (MANHOLE)
3	A	750011	SI	MANHOLE FRAME AND GRATE	DRAINAGE COMPONENT (MANHOLE)
3	A	709907	SI	MEDIAN INLET	DRAINAGE COMPONENT (GRATE)
3	A	VARIES	MT	METAL BEAM GUARD RAILING	RAILING (METAL BEAM GUARD RAILING)
3	A	VARIES	SI	METAL CATTLE GUARD	DRAINAGE COMPONENT (GRATE)
3	A	750001	WS	MISCELLANEOUS IRON AND STEEL	MISCELLANEOUS METAL
3	A	750002	WS	MISCELLANEOUS IRON AND STEEL (SEWER SYSTEM)	MISCELLANEOUS METAL
3	A	750500	WS	MISCELLANEOUS METAL	MISCELLANEOUS METAL
3	A	750501	WS	MISCELLANEOUS METAL (BRIDGE)	MISCELLANEOUS METAL
3	A	750510	WS	MISCELLANEOUS METAL (BRIDGE) (APPROACH)	MISCELLANEOUS METAL
3	A	750511	WS	MISCELLANEOUS METAL (BRIDGE) (CHANNEL)	MISCELLANEOUS METAL
3	A	750502	WS	MISCELLANEOUS METAL (RETAINING WALL)	MISCELLANEOUS METAL
3	A	VARIES	SI	PIPE ENERGY DISSIPATOR	DRAINAGE COMPONENT (GRATE)
3	A	VARIES	MT	PIPE HANDRAILING	RAILING (PIPE HANDRAILING)
3	A	706550	SI	RAIL DEBRIS DEFLECTOR MEMBER	DRAINAGE COMPONENT (GRATE)
3	A	709905	SI	RUBBLE ENERGY DISSIPATOR	DRAINAGE COMPONENT (GRATE)
3	A	VARIES	SI	SEWER MANHOLE	DRAINAGE COMPONENT (MANHOLE)
3	A	719190	SI	SEWER MANHOLE FRAME AND COVER	DRAINAGE COMPONENT (MANHOLE)
3	A	197060	MT	SOIL NAIL ASSEMBLY	SOIL NAIL ASSEMBLY
3	A	750028	SI	SPECIAL GRATE	MISCELLANEOUS METAL
3	A	719207	SI	SPECIAL SEWER MANHOLE	DRAINAGE COMPONENT (MANHOLE)
3	A	750005	SI	STEEL COVER	MISCELLANEOUS METAL
3	A	706539	SI	STEEL MEMBER (DEBRIS RACK)	DRAINAGE COMPONENT (GRATE)
3	A	575004	SI	TIMBER LAGGING	TIMBER
3	A	VARIES	MT	TUBULAR HANDRAILING	RAILING (TUBULAR METAL RAILING)
4	A	066800	SI	ADDITIONAL FENCE	FENCE
4	A	807500	SI	ALUMINUM CHAIN LINK FENCE (TYPE A)	FENCE

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4	A	839534	SI	ANCHOR ASSEMBLY (BREAKAWAY, TYPE M)	BARRIER (THRIE BEAM)
4	A	839529	MT	ANCHOR POST	ANCHOR POST
4	A	839523	SI	BARRIER POST	BARRIER (THRIE BEAM)
4	A	VARIES	WS	BITUMINOUS COATED STRUCTURAL STEEL PLATE PIPE	BITUMINOUS COATED STEEL PLATE PIPE
4	A	VARIES	WS	BITUMINOUS COATED STRUCTURAL STEEL PLATE PIPE ARCH	BITUMINOUS COATED STEEL PLATE PIPE
4	A	839530	SI	CABLE ANCHOR ASSEMBLY	BARRIER (THRIE BEAM)
4	A	839531	SI	CABLE ANCHOR ASSEMBLY (BREAKAWAY, TYPE A)	BARRIER (THRIE BEAM)
4	A	839532	SI	CABLE ANCHOR ASSEMBLY (BREAKAWAY, TYPE B)	BARRIER (THRIE BEAM)
4	A	839535	SI	CABLE ANCHOR ASSEMBLY (SPECIAL)	BARRIER (THRIE BEAM)
4	A	839521	SI	CABLE RAILING	RAILING (CABLE RAILING)
4	A	839527	SI	CABLE RAILING (MODIFIED)	RAILING (CABLE RAILING)
4	A	VARIES	SI	CHAIN LINK FENCE	FENCE
4	A	VARIES	SI	CHAIN LINK FENCE (EXTENSION ARM)	FENCE
4	A	800600	SI	CHAIN LINK FENCE (ROCK BARRIER)	FENCE
4	A	VARIES	SI	CHAIN LINK FENCE (RUSTIC)	FENCE
4	A	VARIES	SI	CHAIN LINK FENCE (SLATTED)	FENCE
4	A	800396	SI	CHAIN LINK FENCE (TYPE CL-1.8, 25 MM X 25 MM MESH)	FENCE
4	A	800370	SI	CHAIN LINK FENCE (TYPE CL-6, 1"X1" MESH)	FENCE
4	A	VARIES	SI	CHAIN LINK FENCE (VINYL-CLAD)	FENCE
4	A	VARIES	SI	CHAIN LINK FENCE (WITH EXTENSION ARM)	FENCE
4	A	VARIES	SI	CHAIN LINK FENCE (WITH REDWOOD LATH)	FENCE
4	A	800250	SI	CHAIN LINK FENCE ENCLOSURE	FENCE
4	A	VARIES	SI	CHAIN LINK GATE	GATE
4	A	VARIES	SI	CHAIN LINK GATE (EXTENSION ARM)	GATE
4	A	VARIES	SI	CHAIN LINK GATE (RUSTIC)	GATE
4	A	VARIES	SI	CHAIN LINK GATE (SLATTED)	GATE
4	A	VARIES	SI	CHAIN LINK GATE (VINYL-CLAD)	GATE
4	A	VARIES	SI	CHAIN LINK RAILING	RAILING (CHAIN LINK RAILING)
4	A	VARIES	SI	CHAIN LINK RAILING (MODIFIED)	RAILING (CHAIN LINK RAILING)
4	A	833039	SI	CHAIN LINK RAILING (RETAINING WALL)	RAILING (CHAIN LINK RAILING)
4	A	VARIES	SI	CHAIN LINK SLIDING GATE	GATE
4	A	839201	SI	DOUBLE METAL BEAM BARRIER	BARRIER (THRIE BEAM)
4	A	839202	SI	DOUBLE METAL BEAM BARRIER (WOOD POST)	BARRIER (THRIE BEAM)
4	A	839310	SI	DOUBLE THRIE BEAM BARRIER	BARRIER (THRIE BEAM)
4	A	839313	SI	DOUBLE THRIE BEAM BARRIER (BRIDGE)	BARRIER (THRIE BEAM)
4	A	839312	SI	DOUBLE THRIE BEAM BARRIER (STEEL POST)	BARRIER (THRIE BEAM)
4	A	839311	SI	DOUBLE THRIE BEAM BARRIER (WOOD POST)	BARRIER (THRIE BEAM)
4	A	VARIES	SI	DRIVE GATE (TYPE WM)	GATE
4	A	839553	SI	END SECTION	BARRIER (THRIE BEAM)
4	A	800003	SI	FENCE (TYPE BW, 4-STRAND)	FENCE
4	A	VARIES	SI	FENCE (TYPE BW, METAL POST)	FENCE
4	A	800005	SI	FENCE (TYPE BW, SPECIAL)	FENCE
4	A	VARIES	SI	FENCE (TYPE BW, WOOD POST)	FENCE
4	A	800060	SI	FENCE (TYPE WM AND BW)	FENCE
4	A	800051	SI	FENCE (TYPE WM, METAL POST)	FENCE
4	A	800054	SI	FENCE (TYPE WM, MODIFIED)	FENCE
4	A	800053	SI	FENCE (TYPE WM, SPECIAL)	FENCE
4	A	800052	SI	FENCE (TYPE WM, WOOD POST)	FENCE
4	A	066801	SI	GATE AND HARDWARE	GATE
4	A	801101	SI	GATEWAY	GATE
4	A	869050	SI	GUARD POST	BARRIER (THRIE BEAM)
4	A	VARIES	SI	METAL GATE	GATE
4	A	VARIES	WS	PAVED INVERT STRUCTURAL STEEL PLATE PIPE	BITUMINOUS COATED STEEL PLATE PIPE
4	A	800711	SI	PICKET FENCING	FENCE

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4	A	800712	SI	PICKET FENCING, OVERCROSSING	FENCE
4	A	839518	MT	RAIL POST END ANCHOR	ANCHOR POST
4	A	800707	SI	REDWOOD FENCE	FENCE
4	A	839522	SI	REMOVABLE BARRIER POST	BARRIER (THRIE BEAM)
4	A	839570	SI	RETURN SECTION	BARRIER (THRIE BEAM)
4	A	839545	SI	RETURN SECTION (THRIE BEAM BARRIER)	BARRIER (THRIE BEAM)
4	A	VARIES	MT	ROADSIDE SIGN	ROADSIDE SIGN
4	A	809800	SI	ROCK FENCE	FENCE
4	A	804201	SI	ROLLING CHAIN LINK GATE	GATE
4	A	800706	SI	RUSTIC RAIL FENCE	FENCE
4	A	839103	SI	SINGLE METAL BEAM BARRIER (STEEL POST)	BARRIER (THRIE BEAM)
4	A	839102	SI	SINGLE METAL BEAM BARRIER (WOOD POST)	BARRIER (THRIE BEAM)
4	A	839301	SI	SINGLE THRIE BEAM BARRIER	BARRIER (THRIE BEAM)
4	A	839304	SI	SINGLE THRIE BEAM BARRIER (BRIDGE)	BARRIER (THRIE BEAM)
4	A	839303	SI	SINGLE THRIE BEAM BARRIER (STEEL POST)	BARRIER (THRIE BEAM)
4	A	839302	SI	SINGLE THRIE BEAM BARRIER (WOOD POST)	BARRIER (THRIE BEAM)
4	A	800710	SI	SPECIAL FENCE (NO CLIMB)	FENCE
4	A	839569	SI	TERMINAL ANCHOR ASSEMBLY (TYPE CA)	BARRIER (THRIE BEAM)
4	A	839568	SI	TERMINAL ANCHOR ASSEMBLY (TYPE SFT)	BARRIER (THRIE BEAM)
4	A	839537	SI	TERMINAL CONNECTOR	BARRIER (THRIE BEAM)
4	A	839547	SI	TERMINAL CONNECTOR (THRIE BEAM BARRIER)	BARRIER (THRIE BEAM)
4	A	839546	SI	TERMINAL SECTION (THRIE BEAM BARRIER)	BARRIER (THRIE BEAM)
4	A	839550	SI	TERMINAL SECTION (TYPE A)	BARRIER (THRIE BEAM)
4	A	839551	SI	TERMINAL SECTION (TYPE B)	BARRIER (THRIE BEAM)
4	A	839552	SI	TERMINAL SECTION (TYPE C)	BARRIER (THRIE BEAM)
4	A	839557	SI	TERMINAL SECTION (TYPE C) (UNGALVANIZED)	BARRIER (THRIE BEAM)
4	A	839558	SI	TERMINAL SECTION (TYPE M)	BARRIER (THRIE BEAM)
4	A	839566	SI	TERMINAL SYSTEM (TYPE CAT)	BARRIER (THRIE BEAM)
4	A	839567	SI	TERMINAL SYSTEM (TYPE CAT) BACKUP	BARRIER (THRIE BEAM)
4	A	839559	SI	TERMINAL SYSTEM (TYPE ET)	BARRIER (THRIE BEAM)
4	A	839565	SI	TERMINAL SYSTEM (TYPE SRT)	BARRIER (THRIE BEAM)
4	A	575003	SI	TIMBER POST	TIMBER
4	A	800705	SI	WIRE MESH AND WOOD FENCE	FENCE
4	A	801100	SI	WIRE MESH GATE	FENCE
4	A	VARIES	SI	WIRE MESH GATE	GATE
4	A	839515	SI	WOOD BARRIER POST	BARRIER (THRIE BEAM)
4	A	800701	SI	WOOD FENCE	FENCE
2	B	653341	CC	60" REINFORCED CONCRETE PIPE SIPHON (CLASS III, RUBBER GASKET JOINT)	RCP 1500 MM AND LARGER
2	B	994650	SI	BUILDING WORK	BUILDING WORK
2	B	VARIES	CC	CONCRETE BARRIER	BARRIER (CONCRETE)
2	B	VARIES	CC	CONCRETE BARRIER (TYPE 50/60)	BARRIER (CONCRETE, TYPE 50/60)
2	B	VARIES	CC	CONCRETE FLARED END SECTION	RCP 1500 MM AND LARGER
2	B	VARIES	SI	EARTH RETAINING STRUCTURE (MSE WALL) - SOIL REINFORCEMENT	EARTHWORK
2	B	VARIES	CC	FURNISH PRECAST PRESTRESSED CONCRETE PANEL	NON-STRUCTURAL PRECAST CONCRETE
2	B	VARIES	CC	JACKED OVAL SHAPED REINFORCED CONCRETE PIPE (CLASS III)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS II)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS III)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS III, RUBBER GASKET JOINT)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS IV)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS IV, RUBBER GASKET JOINT)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS V)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS V, RUBBER GASKET JOINT)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	MASONRY BLOCK WALL	MASONRY BLOCK
2	B	VARIES	MT	METAL TUBE BRIDGE RAILING	NON-STRUCTURAL PRECAST CONCRETE

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2	B	750497	WS	MISCELLANEOUS METAL (RESTRAINER - BAR TYPE)	BRIDGE RESTRAINER UNITS
2	B	750498	WS	MISCELLANEOUS METAL (RESTRAINER - CABLE TYPE)	BRIDGE RESTRAINER UNITS
2	B	750496	WS	MISCELLANEOUS METAL (RESTRAINER - PIPE TYPE)	BRIDGE RESTRAINER UNITS
2	B	750499	WS	MISCELLANEOUS METAL (RESTRAINER - ROD TYPE)	BRIDGE RESTRAINER UNITS
2	B	750503	WS	MISCELLANEOUS METAL (RESTRAINER)	BRIDGE RESTRAINER UNITS
2	B	750506	WS	MISCELLANEOUS METAL (TIE ROD)	MISCELLANEOUS METAL
2	B	VARIES	CC	OVAL SHAPED REINFORCED CONCRETE PIPE (CLASS III)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	OVAL SHAPED REINFORCED CONCRETE PIPE (CLASS III)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	OVAL SHAPED REINFORCED CONCRETE PIPE (CLASS IV)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	OVAL SHAPED REINFORCED CONCRETE PIPE (CLASS V)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	PRECAST CONCRETE PIPE ENERGY DISSIPATOR	RCP 1500 MM AND LARGER
2	B	VARIES	CC	PRECAST CONCRETE PIPE MANHOLE	RCP 1500 MM AND LARGER
2	B	VARIES	CC	PRECAST CONCRETE PIPE RISER	RCP 1500 MM AND LARGER
2	B	VARIES	CC	PRECAST CONCRETE PIPE SEWER MANHOLE	RCP 1500 MM AND LARGER
2	B	513504	CC	PRECAST EXPOSED AGGREGATE PANEL	NON-STRUCTURAL PRECAST CONCRETE
2	B	VARIES	CC	REINFORCED CONCRETE PIPE	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS II)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS II, RUBBER GASKET JOINT)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS III SPECIAL)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS III)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS III, RUBBER GASKET JOINT)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS IV SPECIAL)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS IV)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS IV, RUBBER GASKET JOINT)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS V SPECIAL)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS V)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS V, RUBBER GASKET JOINT)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (RUBBER GASKET JOINT)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE PIPE (SPECIAL)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	REINFORCED CONCRETE SEWER PIPE (CLASS III, RUBBER GASKET JOINT)	RCP 1500 MM AND LARGER
2	B	VARIES	CC	RETAINING WALL	RETAINING WALL
2	B	517962	CC	SOUND WALL (BARRIER) (PRECAST CONCRETE PANEL)	NON-STRUCTURAL PRECAST CONCRETE
2	B	VARIES	CC	SOUND WALL (MASONRY BLOCK)	MASONRY BLOCK
2	B	517992	CC	SOUND WALL (PRECAST CONCRETE PANEL)	NON-STRUCTURAL PRECAST CONCRETE
2	B	517991	CC	SOUND WALL PRECAST CONCRETE	NON-STRUCTURAL PRECAST CONCRETE
2	B	VARIES	CC	STANDPIPE	RCP 1500 MM AND LARGER
2	B	557053	WS	STEEL CRIB WALL (TYPE C)	STRUCTURAL STEEL
2	B	557054	WS	STEEL CRIB WALL (TYPE D)	STRUCTURAL STEEL
2	B	500050	MT	TIEBACK ANCHOR	TIEBACK ANCHOR
2	B	500055	MT	TIEBACK SOLDIER PILE WALL	TIEBACK ANCHOR
2	B	500060	MT	TIEDOWN ANCHOR	TIEBACK ANCHOR
2	B	575040	SI	TIMBER CATWALK	TIMBER
2	B	575020	SI	TIMBER CRIB WALL	TIMBER
2	B	575005	SI	TIMBER RETAINING WALL	TIMBER
3	B	658801	CC	1220 MM X 670 MM OVAL SHAPED REINFORCED CONCRETE PIPE (CLASS V)	RCP < 1500 MM
3	B	VARIES	SI	30 DEGREE CORRUGATED STEEL PIPE ELBOW	STEEL PIPE
3	B	654824	CC	36" REINFORCED CONCRETE PRESSURE PIPE (CLASS III, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	SI	45 DEGREE CORRUGATED STEEL PIPE ELBOW	STEEL PIPE
3	B	702744	SI	48" BITUMINOUS COATED STEEL PIPE ENERGY DISSIPATOR (.079" THICK)	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	60 DEGREE CORRUGATED STEEL PIPE ELBOW	STEEL PIPE
3	B	VARIES	CC	ACCESS SEWER MANHOLE	RCP < 1500 MM
3	B	VARIES	SI	ALTERNATIVE ENTRANCE TAPER	STEEL PIPE
3	B	VARIES	CC	ALTERNATIVE PIPE DOWNDRAIN	RCP < 1500 MM
3	B	VARIES	CC	ALTERNATIVE PIPE DOWNDRAIN (TYPE A)	RCP < 1500 MM

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3	B	VARIES	CC	ALTERNATIVE PIPE DOWNDRAIN (TYPE B)	RCP < 1500 MM
3	B	VARIES	CC	ALTERNATIVE PIPE DOWNDRAIN (TYPE C)	RCP < 1500 MM
3	B	VARIES	CC	ALTERNATIVE PIPE DOWNDRAIN (TYPE D)	RCP < 1500 MM
3	B	VARIES	CC	ALTERNATIVE PIPE INLET	RCP < 1500 MM
3	B	VARIES	CC	ALTERNATIVE PIPE INLET (TYPE C)	RCP < 1500 MM
3	B	VARIES	CC	ALTERNATIVE PIPE RISER	RCP < 1500 MM
3	B	VARIES	CC	ALTERNATIVE PIPE RISER (TYPE C)	RCP < 1500 MM
3	B	VARIES	CC	ALTERNATIVE PIPE UNDERDRAIN	RCP < 1500 MM
3	B	VARIES	CC	ALTERNATIVE PIPE UNDERDRAIN (TYPE A)	RCP < 1500 MM
3	B	VARIES	CC	ALTERNATIVE PIPE UNDERDRAIN (TYPE B)	RCP < 1500 MM
3	B	VARIES	CC	ALTERNATIVE PIPE UNDERDRAIN (TYPE C)	RCP < 1500 MM
3	B	VARIES	CC	ALTERNATIVE PIPE UNDERDRAIN (TYPE D)	RCP < 1500 MM
3	B	518220	CC	ALTERNATIVE SOUND WALL	MASONRY BLOCK
3	B	VARIES	SI	ANCHOR ASSEMBLY	STEEL PIPE
3	B	VARIES	SI	ASBESTOS BONDED BITUMINOUS COATED ENTRANCE TAPER	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED CORRUGATED ALUMINUM PIPE DOWNDRAIN	BITUMINOUS COATED ALUMINUM PIPE
3	B	VARIES	SI	BITUMINOUS COATED CORRUGATED STEEL ECCENTRIC REDUCER	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED CORRUGATED STEEL FLUME DOWNDRAIN	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED CORRUGATED STEEL PIPE ELBOW	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED CORRUGATED STEEL PIPE ENERGY DISSIPATOR	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED CORRUGATED STEEL PIPE INLET	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED CORRUGATED STEEL PIPE MANHOLE	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED CORRUGATED STEEL PIPE RISER	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED CORRUGATED STEEL REDUCER	BITUMINOUS COATED STEEL PIPE
3	B	702700	SI	BITUMINOUS COATED DOWNDRAIN ENERGY DISSIPATOR	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED DOWNDRAIN SLIP JOINT	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED ENTRANCE TAPER	BITUMINOUS COATED STEEL PIPE
3	B	691901	SI	BITUMINOUS COATED FLUME DOWNDRAIN	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED HALF-CIRCLE PIPE DOWNDRAIN	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED PAVED INVERT CORRUGATED ALUMINUM PIPE DOWNDRAIN	BITUMINOUS COATED ALUMINUM PIPE
3	B	VARIES	SI	BITUMINOUS COATED PAVED INVERT CORRUGATED STEEL ECCENTRIC REDUCER	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED STEEL FLARED END PIPE ARCH SECTION	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED STEEL FLARED END SECTION	BITUMINOUS COATED STEEL PIPE
3	B	VARIES	SI	BITUMINOUS COATED TAPERED INLET	BITUMINOUS COATED STEEL PIPE
3	B	719301	CC	BRICK MANHOLE	MASONRY BLOCK
3	B	719215	CC	BRICK SEWER MANHOLE	MASONRY BLOCK
3	B	750505	WS	BRIDGE DECK DRAINAGE SYSTEM	BRIDGE DECK DRAINAGE SYSTEM
3	B	692409	SI	CABLE ANCHORAGE SYSTEM	STEEL PIPE
3	B	692410	SI	CABLE ANCHORAGE SYSTEM (TYPE A)	STEEL PIPE
3	B	692411	SI	CABLE ANCHORAGE SYSTEM (TYPE B)	STEEL PIPE
3	B	VARIES	SI	CLEANOUT ELBOW	STEEL PIPE
3	B	692381	SI	CONCRETE ANCHOR AND CABLE ASSEMBLY	STEEL PIPE
3	B	VARIES	CC	CONCRETE FLARED END SECTION	RCP < 1500 MM
3	B	833070	CC	CONCRETE RAILING	RAILING (CONCRETE RAILING)
3	B	719210	CC	CONCRETE SEWER MANHOLE	RCP < 1500 MM
3	B	719213	CC	CONCRETE SEWER MANHOLE (TYPE C)	RCP < 1500 MM
3	B	691201	SI	CORRUGATED ALUMINUM FLUME DOWNDRAIN	ALUMINUM PIPE
3	B	VARIES	SI	CORRUGATED ALUMINUM PIPE	ALUMINUM PIPE
3	B	VARIES	SI	CORRUGATED ALUMINUM PIPE DOWNDRAIN	ALUMINUM PIPE
3	B	VARIES	SI	CORRUGATED STEEL ADAPTOR	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL ECCENTRIC REDUCER	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL FLUME DOWNDRAIN	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL PIPE	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL PIPE ARCH	STEEL PIPE

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3	B	VARIES	SI	CORRUGATED STEEL PIPE CONDUIT	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL PIPE DOWNDRAIN	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL PIPE ELBOW	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL PIPE ENERGY DISSIPATOR	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL PIPE INLET	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL PIPE INVERT PLANKING	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL PIPE MANHOLE	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL PIPE RISER	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL PIPE SIPHON	STEEL PIPE
3	B	VARIES	SI	CORRUGATED STEEL REDUCER	STEEL PIPE
3	B	703000	SI	CULVERT INVERT PLANKING	STEEL PIPE
3	B	820107	SI	DELINEATOR (CLASS 1)	ROADSIDE MARKER
3	B	820108	SI	DELINEATOR (CLASS 2)	ROADSIDE MARKER
3	B	820105	SI	DELINEATOR (SPECIAL)	ROADSIDE MARKER
3	B	702600	SI	DOWNDRAIN ENERGY DISSIPATOR	STEEL PIPE
3	B	VARIES	SI	DOWNDRAIN SLIP JOINT	STEEL PIPE
3	B	719220	CC	DROP SEWER MANHOLE	RCP < 1500 MM
3	B	VARIES	CC	EARTH RETAINING STRUCTURE	EARTHWORK
3	B	VARIES	SI	ENTRANCE TAPER	STEEL PIPE
3	B	VARIES	SI	FLUME ANCHOR ASSEMBLY	STEEL PIPE
3	B	VARIES	SI	FLUME DOWNDRAIN	STEEL PIPE
3	B	719222	CC	FLUSH SEWER MANHOLE	RCP < 1500 MM
3	B	722020	MT	GABION	GABION
3	B	VARIES	SI	GALVANIZED STEEL CASING	STEEL PIPE
3	B	VARIES	SI	GALVANIZED STEEL PIPE (SUPPLY LINE ON BRIDGE)	STEEL IRRIGATION PIPE
3	B	VARIES	SI	GALVANIZED STEEL PIPE DOWNDRAIN	STEEL PIPE
3	B	703233	SI	GRATED LINE DRAIN	STEEL PIPE
3	B	820118	SI	GUARD RAILING DELINEATOR	ROADSIDE MARKER
3	B	VARIES	SI	HALF-CIRCLE ANCHOR ASSEMBLY	STEEL PIPE
3	B	VARIES	SI	HALF-CIRCLE PIPE DOWNDRAIN	STEEL PIPE
3	B	VARIES	SI	JACKED CORRUGATED STEEL PIPE	STEEL PIPE
3	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS II)	RCP < 1500 MM
3	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS III SPECIAL)	RCP < 1500 MM
3	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS III)	RCP < 1500 MM
3	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS III, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS IV)	RCP < 1500 MM
3	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS IV, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS V SPECIAL)	RCP < 1500 MM
3	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS V)	RCP < 1500 MM
3	B	VARIES	CC	JACKED REINFORCED CONCRETE PIPE (CLASS V, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	JACKED REINFORCED CONCRETE SEWER PIPE (CLASS III)	RCP < 1500 MM
3	B	VARIES	CC	JACKED REINFORCED CONCRETE SEWER PIPE (CLASS V, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	519080	SI	JOINT SEAL	JOINT SEAL (TYPE B)
3	B	519081	SI	JOINT SEAL (MR 1/2")	JOINT SEAL (TYPE B)
3	B	519120	SI	JOINT SEAL (MR 15 MM)	JOINT SEAL (TYPE B)
3	B	519117	SI	JOINT SEAL (MR 30 MM)	JOINT SEAL (TYPE B)
3	B	519142	SI	JOINT SEAL (MR 40 MM)	JOINT SEAL (TYPE B)
3	B	519144	SI	JOINT SEAL (MR 50 MM)	JOINT SEAL (TYPE B)
3	B	519121	SI	JOINT SEAL (TYPE B - MR 30 MM)	JOINT SEAL (TYPE B)
3	B	519122	SI	JOINT SEAL (TYPE B - MR 40 MM)	JOINT SEAL (TYPE B)
3	B	519123	SI	JOINT SEAL (TYPE B - MR 50 MM)	JOINT SEAL (TYPE B)
3	B	519086	SI	JOINT SEAL (TYPE B-MR 1 1/2")	JOINT SEAL (TYPE B)
3	B	519085	SI	JOINT SEAL (TYPE B-MR 1")	JOINT SEAL (TYPE B)
3	B	519087	SI	JOINT SEAL (TYPE B-MR 2")	JOINT SEAL (TYPE B)

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3	B	820114	SI	KILOMETER POST MARKER	ROADSIDE MARKER
3	B	719300	CC	MANHOLE	RCP < 1500 MM
3	B	820101	SI	MARKER	ROADSIDE MARKER
3	B	820112	SI	MARKER (CULVERT)	ROADSIDE MARKER
3	B	066073	SI	MARKER PANELS	ROADSIDE MARKER
3	B	518205	CC	MASONRY BLOCK VENEER	MASONRY BLOCK
3	B	518201	CC	MASONRY BLOCK WALL	MASONRY BLOCK
3	B	820109	SI	METAL MARKER POST	ROADSIDE MARKER
3	B	820110	SI	MILEPOST MARKER	ROADSIDE MARKER
3	B	VARIES	MT	NEOPRENE STRIP	WATERSTOP
3	B	VARIES	SI	NESTABLE CORRUGATED STEEL PIPE	STEEL PIPE
3	B	VARIES	SI	NON-PERFORATED STEEL PIPE UNDERDRAIN	STEEL PIPE
3	B	VARIES	CC	NON-REINFORCED CONCRETE PIPE	NON-REINFORCED CONCRETE PIPE
3	B	VARIES	CC	NON-REINFORCED CONCRETE PIPE (EXTRA STRENGTH)	NON-REINFORCED CONCRETE PIPE
3	B	VARIES	CC	NON-REINFORCED CONCRETE SEWER PIPE	RCP < 1500 MM
3	B	VARIES	CC	NON-REINFORCED CONCRETE SEWER PIPE (EXTRA STRENGTH)	RCP < 1500 MM
3	B	VARIES	CC	NON-REINFORCED CONCRETE SEWER PIPE (RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	SI	OBJECT MARKER	ROADSIDE MARKER
3	B	719221	CC	OFFSET SEWER MANHOLE	RCP < 1500 MM
3	B	VARIES	CC	OVAL SHAPED REINFORCED CONCRETE PIPE (CLASS II)	RCP < 1500 MM
3	B	VARIES	CC	OVAL SHAPED REINFORCED CONCRETE PIPE (CLASS III)	RCP < 1500 MM
3	B	VARIES	CC	OVAL SHAPED REINFORCED CONCRETE PIPE (CLASS III, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	OVAL SHAPED REINFORCED CONCRETE PIPE (CLASS IV)	RCP < 1500 MM
3	B	VARIES	SI	PART CIRCLE CORRUGATED STEEL CULVERT	STEEL PIPE
3	B	700100	SI	PART CIRCLE CORRUGATED STEEL PIPE	STEEL PIPE
3	B	VARIES	SI	PERFORATED STEEL PIPE UNDERDRAIN	STEEL PIPE
3	B	VARIES	SI	PIPE DOWNDRAIN	STEEL PIPE
3	B	VARIES	CC	PRECAST CONCRETE PIPE ENERGY DISSIPATOR	RCP < 1500 MM
3	B	VARIES	CC	PRECAST CONCRETE PIPE INLET	RCP < 1500 MM
3	B	719315	CC	PRECAST CONCRETE PIPE MANHOLE	RCP < 1500 MM
3	B	VARIES	CC	PRECAST CONCRETE PIPE MANHOLE	RCP < 1500 MM
3	B	VARIES	CC	PRECAST CONCRETE PIPE MANHOLE (EXTRA STRENGTH)	RCP < 1500 MM
3	B	VARIES	CC	PRECAST CONCRETE PIPE RISER	RCP < 1500 MM
3	B	VARIES	CC	PRECAST CONCRETE PIPE SECTION	RCP < 1500 MM
3	B	VARIES	CC	PRECAST CONCRETE PIPE SEWER MANHOLE	RCP < 1500 MM
3	B	VARIES	WS	PUMPING PLANT METAL WORK	PUMPING PLANT METAL WORK
3	B	820125	SI	REFLECTOR ASSEMBLY	ROADSIDE MARKER
3	B	VARIES	CC	REINFORCED CONCRETE PIPE	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS II SPECIAL)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS II)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS II, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS III SPECIAL)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS III)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS III, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS IV SPECIAL)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS IV SPECIAL, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS IV)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS IV, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS V SPECIAL)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS V)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (CLASS V, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE (SPECIAL)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PIPE RISER	RCP < 1500 MM

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3	B	VARIES	CC	REINFORCED CONCRETE PIPE SIPHON (CLASS III, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE PRESSURE PIPE (CLASS III)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE SEWER PIPE (CLASS III SPECIAL)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE SEWER PIPE (CLASS III)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE SEWER PIPE (CLASS III, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE SEWER PIPE (CLASS IV SPECIAL)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE SEWER PIPE (CLASS IV)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE SEWER PIPE (CLASS IV, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE SEWER PIPE (CLASS V SPECIAL)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE SEWER PIPE (CLASS V)	RCP < 1500 MM
3	B	VARIES	CC	REINFORCED CONCRETE SEWER PIPE (CLASS V, RUBBER GASKET JOINT)	RCP < 1500 MM
3	B	518042	MT	REPLACE BEARING	BEARING PAD
3	B	518040	MT	REPLACE BEARING PAD	BEARING PAD
3	B	VARIES	CC	SEWER MANHOLE	RCP < 1500 MM
3	B	721811	CC	SLOPE PAVING (MASONRY BLOCK)	MASONRY BLOCK
3	B	VARIES	SI	SLOTTED CORRUGATED STEEL PIPE	STEEL PIPE
3	B	VARIES	SI	SLOTTED CORRUGATED STEEL PIPE RISER	STEEL PIPE
3	B	820115	SI	SNOW POLE MARKER	ROADSIDE MARKER
3	B	490305	SI	SOLDIER PILE	TIMBER PILE
3	B	518001	CC	SOUND WALL	MASONRY BLOCK
3	B	517950	CC	SOUND WALL (BARRIER)	MASONRY BLOCK
3	B	517961	CC	SOUND WALL (BARRIER) (MASONRY BLOCK)	MASONRY BLOCK
3	B	518002	CC	SOUND WALL (MASONRY BLOCK)	MASONRY BLOCK
3	B	517960	CC	SOUND WALL (RETAINING WALL)	MASONRY BLOCK
3	B	820190	SI	SPECIAL MARKER	ROADSIDE MARKER
3	B	VARIES	SI	SPECIAL SLIP JOINT	STEEL PIPE
3	B	694903	SI	SPILLWAY ASSEMBLY	STEEL PIPE
3	B	VARIES	CC	STANDPIPE	RCP < 1500 MM
3	B	VARIES	SI	STEEL FLARED END PIPE ARCH SECTION	STEEL PIPE
3	B	VARIES	SI	STEEL FLARED END SECTION	STEEL PIPE
3	B	VARIES	SI	SUPPLY LINE (BRIDGE)	STEEL IRRIGATION PIPE
3	B	VARIES	SI	TAPERED INLET	STEEL PIPE
3	B	719230	CC	TERMINAL SEWER MANHOLE	RCP < 1500 MM
3	B	820111	SI	UNDERDRAIN MARKER	ROADSIDE MARKER
3	B	VARIES	MT	WATERSTOP	WATERSTOP
4	B	570115	SI	ABUTMENT LUMBER BLOCKING	TIMBER
4	B	518009	SI	ACCESS GATE	GATE
4	B	518010	SI	ACCESS GATE (SOUND WALL)	GATE
4	B	VARIES	SI	ALFALFA VALVE	DRAINAGE COMPONENT (GATE)
4	B	VARIES	SI	AUTOMATIC DRAINAGE GATE	DRAINAGE COMPONENT (GATE)
4	B	994011	CC	CONCRETE BLOCK PAVER	MISCELLANEOUS PRECAST CONCRETE
4	B	839512	SI	CONCRETE HEADLIGHT GLARE SCREEN	GLARE SCREEN
4	B	VARIES	SI	CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	CORRUGATED HDPE PIPE CONDUIT
4	B	VARIES	SI	DRAINAGE PUMPING EQUIPMENT	DRAINAGE PUMPING EQUIPMENT
4	B	705799	SI	GATE RISER ASSEMBLY	DRAINAGE COMPONENT (GATE)
4	B	VARIES	SI	GATE VALVE	DRAINAGE COMPONENT (GATE)
4	B	705901	SI	GATE VALVE ASSEMBLY	DRAINAGE COMPONENT (GATE)
4	B	VARIES	SI	GATE VALVE W/ BYPASS VALVE	DRAINAGE COMPONENT (GATE)
4	B	681132	SI	GEOCOMPOSITE DRAIN	GEOCOMPOSITE DRAIN
4	B	VARIES	CC	GROUT	GROUT
4	B	839511	SI	HEADLIGHT GLARE PROTECTION	GLARE SCREEN
4	B	839510	SI	HEADLIGHT GLARE SCREEN	GLARE SCREEN
4	B	VARIES	SI	HEAVY DUTY AUTOMATIC DRAINAGE GATE	DRAINAGE COMPONENT (GATE)
4	B	VARIES	SI	METAL TURNOUT GATE	DRAINAGE COMPONENT (GATE)

Tier-Failures
1: Catastrophic consequence - Must inspect
2: Significant safety concerns - May inspect
3: linterruptioin in service - Periodically inspect
4: Loss of funds to repair item - Periodically inspect

Inspection Priority
A: Highest - source inspection by METS
B: Lowest - source inspection by METS
E: Electrical Branch inspects

Responsible OSM Committee
CC: Concrete
MT: Materials Testing
SI: Source Inspection
WS: Welding

Using AutoFilter Drop Down List
Autofilter On
Menu: DATA /FILTER/ AUTOFILTER
Autofilter Offn
Menu: DATA /FILTER/ AUTOFILTER

* State Furnished and Standard Bid Items Only

Tier	Inspection Priority	Bid Item*	Resp OSM Comm	Description	Category
4	B	VARIES	SI	PUMPING PLANT EQUIPMENT	DRAINAGE PUMPING EQUIPMENT
4	B	VARIES	SI	SLIDE HEADGATE	DRAINAGE COMPONENT (GATE)
4	B	VARIES	SI	SLIDE HEADGATE AND AUTOMATIC DRAINAGE GATE	DRAINAGE COMPONENT (GATE)
4	B	570120	SI	TREATED LUMBER AND TIMBER	TIMBER
4	B	570130	SI	UNTREATED LUMBER AND TIMBER	TIMBER

NB-SBD-015 Sign Replacement

NB-SBD-015 Sign Replacement

Exhibit 16-E Pictures of Existing Sign Panels to be Replaced (NB Signs)

NB-SBD-015 Sign Replacement

NB-SBD-015 Sign Replacement

NB-SBD-015 Sign Replacement

NB-SBD-015 Sign Replacement

SB-SBD-015 Sign Replacements

SB-SBD-015 Sign Replacements

SB-SBD-015 Sign Replacements

SB-SBD-015 Sign Replacements

SB-SBD-015 Sign Replacements

Exhibit 16-E Pictures of Existing Sign Panels to be Replaced (SB Signs)

SB-SBD-015 Sign Replacements

SB-SBD-015 Sign Replacements

Index of Reference Information Documents

A "W" under available column indicates documents that can be found on the Internet, an "E" indicates the document will be provided electronically, and "CO" indicates the Design-Builder shall obtain the document. Web sites are not guaranteed but are supplied for information. It is ultimately the Design-Builder's responsibility to locate the documents.

Title	Available
~~**Part A.zip**~~	
AS-BUILTS	
As-Built Plans	
As-Built Plans.zip – Zipped folder containing the following:	
08-0A2104-In Riverside & SBD Co at various locations Remove& Replace various Slab	E
08-4177U4- In & near Rialto & Fontana from Sierra Ave, Pavement Rehab & Median Barrier	E
08-197404- In SBd& Riv Cos upgrade Ramp Terminal signs	E
08-202704-Nr Dev from .8 mi S of Glen Helen Parkway to Glen Helen Rd. Construct Diamond IC& Widen Devore Rd From 2 to 4 lanes	E
08-206304 - .3 mi N of Oak Hill Rd to 2 mi N of Boulder Rd. Thick Overlay	E
08-210704- In Riv & SBd, Remove Gore Signs & Install Crash Cushions	E
08-362204-Near Devore from Kenwood Ave to S of Rte 138/15. Roadway Rehab & Misc Safety	E
08-380004- Replace PCC Pavement	E
08-395604 -PM 0- PM R29- Fog Seal	E
08-448504- PM 20.8R-R26.5R Add NV lane in median & convert RT lane to truck climbing lane	E
08-395004- PM R22.2- PM R28.8 in SBD at various locations. Replace PCC Pavement.	E

Title	Available
08-087414- PM 0-PM 186.2 In SBd and Riv Cos various Locations on Federal-Aid Hwys- Post markers	E
08-4177U4- PM 12.8-R28.9- from Sierra Ave to .5km of Oakhill Rd Oc- Pavement Rehab and Median Barrier	E
08-0G4104-PM 22.5- Repair Drainage system slopes	E
08-0G7504- PM 13.8-PM 20.4 From 15/215 To Cleghorn cyn- Rehabilitate Bridge	E
08-0J1504 –PM 11.2- PM 31.1 – San Bernardino co 395/15 Separation- Place Polyester Concrete Overlay	E
08-0k4704- PM 15-23- Replace Pavement Markers	E
08-0K7704 PM 14.9-PM 28.8 from Kenwood to .2mi north of Oak Hills Rd-Grind PCC Pavement	E
08-0l7704- PM 13.8-PM 28.6 From JCT 215 To Oak Hill Rd- Remove and replace Concrete Pavement	E
08-316804-PM16.1-PM 16.1 Cheap Seal	E
Additional As-Built Plans.zip – Zipped folder containing the following:	
0A4224- Pavement Rehab In & near Rialto & fontana from 0.3 km west of Sierra Ave UC to Cajon Creek Bridge	E
0A4234- Pavement Rehab - Truck Climbing Lane (Phase 2) In & near Rialto & Fontana on rte 15 from 0.5 km south of sierra Ave UC to 5.0 km north of Kenwood Ave UC & on rte 215 from 0.4 km south of rte 15 to rte 15	E
0A6204- Widen Existing Roadway In San Bernardino County near Hesperia at 0.64 MI North of North Alray Overhead	E
0C3304- Install exit numbering signs on all off ramps on I-15 & I-40 In SBd & Riv counties at VARIOUS Locations	E
0F4904- Remove and Replace Concrete Near Cajon Junction from 6.4 km south of Cleghorn Creek Bridge to 2.1 km north of Oak Hill Rd OC	E
0G7504- Rehabilitate Bridge In SBd Co near Devore at Various Locations from rte 15/215 Sep to Cleghorn Cyn Rd UC	E
0H7404- Replace Pavement Markers In San Bernardino County from 0.2 Miles North of North Alray Overhead to 0.9 Miles North of Oakhill Road Overcrossing	E
0J9204- Rehab Bridge Near Devore at Cajon Creek Bridge	E

Title	Available
0k7604- Grind 30 MM - Overlay 30 MM Rubberized OGAC In & near Hesperia & Victorville from Oak Hill Rd to ret 18 junction	E
OL0904 – Fill and compact slopes, Install and Repair drainage In Devore near Cajon Pass	
0L7704- Remove & Replace Concrete Pavement Acceptance date 8/31/08 / emergency contract	E
0M1804- Cold Plane & Overlay with HMA About 7 mi south of Hesperia at 1.2 mi north of South Forest Rd UC	E
0M5504- Repair electrical systems Various Locations 15/40/ 58/ 60/210	E
0M7704- Retrofit CMS In Riv & SBd Co at VARIOUS LOCATIONS	E
0P8404- Replace Failed Slabs On rte 10 in Montclair and Ontario from LA County Line to Milliken Ave and on rte 15 in Devore from Sierra Ave to Oak Hill Rd	E
0Q3604- Repair the damaged roadway In & near Devore at VARIOUS LOCATIONS	E
0Q7104- Slab replacement In SBd Co from cleghorn Cr Bridge to 5.4 mi south of Oak Hill Rd on Hwy 15	E
0Q8404- Replace/Repair Electrical Systems In SBd Co at VARIOUS LOCATIONS	E
0Q8704- Remove & replace PCC slabs From 0.5 mi north of Cleghorn Cr Bridge to 1.4 mi south of Oak Hill Rd on N/B Hwy 15 in SBd	E
0Q8804- Remove & Replace PCC Slabs From Cleghorn Rd to 2.4 ni north of Alray OH on S/B Hwy 15 in SBd Co	E
0R5004- Build debris racks - clean debris - culvert repair & slope stabilization From Kenwood Ave to Oak Hill Rd	E
0R5504- Replace Damaged Guardrails In SBd Co at VARIOUS LOCATIONS from rte 15/138 Sep to Oak Hill Rd OC	E
0R5604- Repair Signs - Remove Debris - Install Rock Slope Protection	E
1A4204- Remove and Replace Asphalt Concrete In SBd Co. near Cajon at Various Locations from 7.5 km to 13.3 kn north of rte 30 and from 5.2 to 6.3 km north of rte 138	E

Title	Available
1A9504- Remove & replace concrete slabs In SBD Co near Cajon Junction on Rte 15 from 1.8 km No. of Junction Rte 138 to 0.4 km So. to SBD National Forest No. Boundary & in SBD on Rte 215 from 1.2 km No. of Rte 10/215 separation to 0.1 km So. of Inland Center Dr O/C	E
8VC25- Truck scale install & scale house construct On Cajon Pass Rd near Blue Cut.	E
48VC2- As Built - sheets 1-3-4 are available only - Superseded by contr 52-8VC11	E
52-8VC11-F- Cajon Fwy Unit 10.6 mi N of Devore to 0.2 mi S of Gish UP	E
54-8VC10- Highway Lighting Rte 15/138 Jct	E
56-8VC1- Btw Rtw 191 & 0.6 mi N of Devore.	E
63-8U32C0101- Resurfacing & Seal Coat At various locations in SBd & Riv Cos. SBd 15 & 30. Riv 79. SBd-30 22.9-24.8/SBd-15 9.5-18.6/Riv-79 14.7-19.4	E
3634U4- Replace existing bed material Nr Cajon Pass from 2.3 KM to 2.7 KM N of Rte 138 & near Wheaton Springs from 1.6 KM to 0.4 KM to 0.4 KM W of Nipton Rd OC	E
4013R- 0 to 831. Summit to Victorville	E
4027R- Location 683 – 790	E
4055R- 0-800. Devore – Summit	E
4058R- Storm Restoration Project Ditch - 413-432 / Mass for project / Blue Cut - Camp Cajon 92-484 (numberous exceptions) Btw Devore & Camp Cajon	E
4059R- Bridge approaches for Brs 54-269 & 54-21 395 - 400 & 466 - 480.	E
4075R-683 – 790	E
4096R-0 - 844. Summit – Victorville	E
4114R- Btw 0.5 mi S of Gish UP to Palmdale Rd. Sta 516+50 B to Sta 671+00 C.	E
4133- Channel Shts 1 - 4 PMs approximate	E

Title	Available
4177U4- Pavement Rehab & Median Barrier As Built 3/30/01 Bridges 54-783 54-981 54-779 54-780 54-818 54-782 & 54-772	E
008404- Btw 0.5 mi S of Gish UP and Palmdale Rd.	E
039644- Bridge Plans - Oak Hill Rd OC. Cajon Summit to 0.7 mi S of Rte 395 Sep	E
049114- Rte 15 - btw Sycamore Rd & 0.5 mi N of Rte 138. Rte 138 - btw 0.4 mi W and 0.4 mi E of Rte 15. Rte 215 - from 0.4 mi S of Devore to Jct of Rte 15.	E
049124- Btw 0.4 mi N of Rte 138 near Cajon & 3.5 mi S of Rte 395. Rte 138 to Summit	E
058004- At Blue Cut abt 12 mi N of SBd.	E
065214- Roadside Signs Btw ½ mi S of Jct Rte 138 and Jct Rte 395 approx 11 ½ mi Swly	E
066514- Lighting Plans at Cajon Weigh Station 3.9 mi Sly of Cajon	E
087414- Mile Post Markers In SBd and Riv Cos at various locations on Federal-Aid Hwys.	E
106004- Abt 3.6 mi S & 3.0 mi S of Rte 138 (East) at Cajon.	E
108004- Install Signs & Post Mile Markers In Riv & SBd Counties on Rte 15/215 Intersection Rtes btw San Diego Co Line & Devore.	E
109504- Drainage Imp near Cajon from 1.8 mi S to 0.2 mi N of Cleghorn Rd	E
128834- Guard Rail Modification - Cure Program On Rte 15 btw Oak Hill Rd OC abt 3.2 mi S of the Jct of Rtes 15/395 & the Jct of Rtes 15/40 in Barstow & on Rte 40 btw the Jct of rte 15/40 in Barstow & the Colorado River Bridge (portion).	E
137804- Cure Project (Breakaway Posts) Btw 0.2 mi S of Oak Hill Rd OC & Nev State Line (portions)	E
154004c- Imp Drainage From 1.3 mi N to 1.6 mi N of Kenwood Ave near Devore	E
167304c- Dranage Repair & Imp At Rte 15 & Cajon Crk near Devore	E
178904- Drainage Imp Abt 3.5 mi Nly of Devore (pors)	E
180904- Raise Sign Bridges At various locations from Cajon Crk near Devore to the 395/18 IC	E

Title	Available
190304- Upgrade Seismic Resistance POOR QUALITY ORIGINALS At various locations in Riv & SBd Cos	E
195704- Mtce Blanket Rte 15 - at 15/395 IC & Joshua St IC. Rte 138 - from PO Rd to Rte 18/138 Sep (por)	E
208804 – Install Signs In Riverside and San Bernardino Counties, Rtes 194, 15, 40 Various Locations	
220404 Imp. Drainage From R14.1 to R25.7 Rte138 In san Bernardino County Near Cajon	
238514- Imp. Drainage At 1.5 miles North and 1.9 Miles North of Keewood Ave UC and At 4.2 Miles North of Rte 138/15 Separation.	
208804- Upgrade Ramp Terminal Signs In SBd & Riv Cos at various locations.	E
241604- Upgrade Luminaries & Mast Arms Rte 10 - from the LA Co Line to the Santa Ana River Br. Rte 15 - from 0.9 mi S of Rte 10 to Rte 215 (15E) (Por)	E
247204- Install Monitoring Stations SBd Co - Nr Cajon at 0.4 mi S of Cleghorn Rd UC. Riv Co - Nr Cabazon at 0.5 mi E of E Cabazon Ramp OC.	E
254104- Const Truck Safety Check Area At Cajon Summit from 4.1 mi N of Rte 138 to 4 mi S of Rte 395	E
258304- Replace Luminaires At various locations in SBd & Riv Cos. SBd/Riv - 10 / 15 / 18 / 30 / 40 / 62 / 66 / 71 /74 / 79 /83 / 206 / 215 / 259.	E
262804- Install recessed Pavement Markers Nr Cajon from Kenwood Ave to 1.2 mi N of Oak Hill Rd	E
268804- Install edge drains & subseal Abt 6 mi N of Fontana from 0.1 mi S of Sierra Ave UC to 1.2 mi N of Oak Hill Rd OC	E
269304- Chip Seal In SBd & Riv & LA Cos at various locations.	E
282804- Truck Escape Ramp Abt 12 mi N of Fontana from 1.4 mi to 2.0 mi N of Rte 138	E
283104- Const Median Barrier From 0.4 mi S of Oak Hill Rd OC to Rte 395 abt 6 mi S of Victorville	E
293904- Chip Seal In SBd & Riv & LA Cos at various locations.	E
301104- Seal Coat	E
310904- Video Monitoring System In Riv and SBd Cos at the Cabazon truck inspection station and the Cajon truck inspection station	E

Title	Available
311404C- Seal Coat Various SBd/LA - 18 / 138 / 2 /173 / 189 / 247 /15	E
311504- Open Graded Surfacing In SBd and Riv Cos at various locations.	E
316904- Replace PCC Slabs	E
320504- Replace Bridge Joint Seals Colton OH 54-464R / Santa Ana River 54-292L / Cajon Creek 54-781R & L / Veile Ave UC 56-450L / Pennsylvania Ave UC 56-433 / Highland Springs Ave UC 56-432 / 22nd St UC 56-430 / E Ramsey St UC 56-328 / San Gorgonio Wash 56-003 / Apache Trail UC 56-455 / W Channel Stubby Wash 56-167L / Spruce St UC 56-399 / Down St OH 56-398 / Rte 60 215-91 215 Sep 56-402.	E
322501-: Sta 104 – 125	E
325804- Seismic Retrofit Various SBd - 15 / 18 / 138.	E
328904- Building Work Nr Cajon at the NB Cjon Truck Insp Facility.	E
329404- Auxillary Lane & Guardrail Nr Victorville at the Cajon Truck Inspection Station	E
353404- DGAC Overlay In and near Hesperia and Victorville from 0.3 mi N of Oak Hill Rd to Palmdale Rd OC	E
362204- Roadway Rehab & Misc Safety Roadway Rehab & Misc Safety	E
369404- Install Median Barrier At Cajon Jct from Rte 138/15 Sep to 1.5 mi N of Rte 138	E
385414- Install CMS / CCTV / ESUIn SBd Co at various locations.	E
389604- Methacylate Seal & Bridges Nr Cajon at var locs from Cleghorn Crk. Bridge to Cleghorn Rd UC.	E
393004- Construct Salt Barn Near Hesperia at the Jct of I-15 and Rte 395.	E
395004- Replace PCC Pavement In and near SBd at varous locations	E
395604- Fog Seal In SBd & Riv Cos at Var Locs	E
396304- Strengthen BridgeAt Rte 138/15 Sep	E

Title	Available
407304- Remove speed bumps and install single axle check scales SBd Co near Cajon at Cajon SB truck weigh station	E
413504- Seismic Retrofit SR 434 At Cajon Jct on Rte 15 at Cleghorn Crk Bridge and at 15/138 Sep. On Rte 138 at 138/15 Sep	E
413904- Seismic Retrofit SR-438 In Fontana & Devore on Rtes 15 & 215 at various locations.	E
451004- Wayside Bypass System From the SB Cajon Truck inspection facility to 2.0 Km E of the Rte 138/13 Sep Structure.	E
462804- Place open grade AC On Rte 15 - near Hesperia & Victorville from Jct Rte 395 to Palmdale Rd (Rte 18 W). On Rte 215 - from Rte 30 to University Parkway UC & at Palm Ave Ramps.	E
477104- Replace Pavement Markers In Riv & SBd Cos from San Diego Co Line to 0.8 km S of Rte 15/138 Sep	E
477904- Upgrade exist metal beam guardrail & end treatments SBD at various locations	E
483204- Construct building & changeable message sign In SBD near Cajon on Rte 15 at the Cajon Truck inspection facilities	E
491104- Replace PCC Slabs In SBd & Riv Cos at various locations	E
493904- Install 10 Changeable message signs & 2 Envir.Sensing Units Install 10 Changeable message signs & 2 Envir.Sensing Units	E
PROJECT STUDIES and REPORTS	
Environmental	
0Q740-ISA.pdf- Initial Site Assessment Checklist	E
Design	
0Q740PSSR.pdf-Project Scope Summary Report	E
0Q740PSSR.pdf-Suplemental Project Scope Summary Report	E
ValueAnalysis.pdf	E
Hydraulics	

Title	Available
Existing Drainage Photos. zip-Zipped folder containing photos of existing drainage systems	E
Operations	
Right of Way	
R/W Data Sheet	E
Storm water	
Material Engineering	
Surveys	
Oakhill_topo.pdf	E
Oakhill.pdf- File containing Oakhill Monument Control	E
DHIPP Images	
Aerial Photos.zip - Zipped folder containing current area photos	
CONCEPTUAL PLANS	

Title	Available
MISCELLANEOUS	
~~**Part B.zip**~~	
EXISTING INFORMATION	
Utilities	
Southern California Edison	E
Utility.zip- Zipped folder containing existing utility owner and Department utility information	
Time Warner Telecom	E
AT&T	E
City of Hesperia	E
Kinder Morgan	E
South West Gas Corporation-Fiber Optics	E
Verizon	E
Verizon Business (MCI)	E
County of San Bernardino-Water Distribution Line	E
Utility_CT_As-Builts.zip- Zipped folder containing Department utility As-Built plans for various projects	E
Right of Way	
ROW-Existing-Map.zip -- Zipped folder containing existing Right of Way Maps	E
Existing Right of Way Maps	E