

INFORMATION HANDOUT

For Contract No. 07-2W9204

At 07-LA-10-29.4, 29.5

Identified by

Project ID 0714000321

ENCROACHMENT PERMITS

City of El Monte Encroachment and Construction Permit Application

Sample of Certificate of Liability Insurance

MATERIALS INFORMATION

Asbestos Containing Materials Survey Report

Fiber Optic System As-Built Drawings

City of El Monte Encroachment and Construction Permit Application

Portions of this project are located within the jurisdiction of City of El Monte. Obtain the encroachment permit from the city before working on its facilities.

The permit fee is up to \$16,000.

Public Works Department
Engineering Division
Telephone Number: (626) 580-2058
Facsimile Number: (626) 454-3143



PERMIT # _____

**CITY OF EL MONTE
PUBLIC RIGHT-OF-WAY ENCROACHMENT AND CONSTRUCTION PERMIT APPLICATION**

Site Address: _____

Name of Permittee: _____ Contractor's Name _____

Address: _____ Address: _____

Phone: _____ Phone: _____

Start Date: _____ Completion Date: _____ Fax: _____

Reason for permit: _____

Plan Attached: Yes No

Permit Fee \$ _____

CONDITIONS/COMMENTS:

APPLICANT, CONTRACTOR AND SUBCONTRACTOR MUST CALL UNDERGROUND SERVICE ALERT (USA) BEFORE DIGGING.

ALL USA MARKINGS MUST BE REMOVED BEFORE FINAL APPROVAL BY PUBLIC WORKS INSPECTOR.

THE UNDERSIGNED PERMITTEE STATES THAT PERMITTEE HAS READ THE CONDITIONS ON THIS APPLICATION/ PERMIT (INCLUDING THOSE STANDARD AND SUPPLEMENTAL PERMIT TERMS AND CONDITIONS SET FORTH IN ATTACHMENT "A" WHICH IS INCORPORATED HERETO BY THIS REFERENCE), AND AGREES TO MEET THESE CONDITIONS, INCLUDING ANY ADDITIONAL CONDITIONS SET FORTH IN ANY ENCROACHMENT AGREEMENT IDENTIFIED ABOVE OR IN ATTACHEMENT "A", AND ACKNOWLEDGES THAT THIS APPLICATION AND ALL ATTACHMENTS AND RELATED AGREEMENTS WILL BE MADE A MATERIAL PART OF THE PERMIT.

Date

Permittee's Signature

(FOR CITY USE ONLY)

____ Permit approved effective _____

Subject to Permittee's production of: _____

____ Permit revoked for noncompliance of conditions _____

____ Permit disapproved for the following reasons: _____

Permit Issued By: _____

Permit Approved By: _____

Senior Engineer

Date: _____

ATTACHMENT "A"
STANDARD PERMIT TERMS AND CONDITIONS

As material consideration for City's approval of the Encroachment Permit application, Permittee covenants and agrees to the following:

1. **INDEMNIFICATIONS:** To the fullest extent permitted by law, Permittee shall indemnify, hold harmless, release and defend City and City's elected and appointed officials, officers, employees, agents and volunteers from and against any and all actions, claims, demands, damages, disability, losses, penalties, fines, expenses including attorney's fees and other defense costs and liabilities of any nature that may be asserted by any person or entity including Permittee, in whole or in part, arising out of Permittee's activities hereunder, including activities of other persons or entities employed, retained or otherwise utilized by Permittee in the performance of the work authorized under the Encroachment Permit (including design defects and regardless of City's approval, use or acceptance of the work or work product hereunder) excepting liabilities due to the sole negligence or willful misconduct of City. This indemnification obligation is not limited in any way by any limitation on the amount or type of damages or compensation payable by or for Permittee under Worker's Compensation, disability or other employee benefits acts or the terms, applicability or limitations of any insurance held or provided by Permittee and shall continue to bind the parties after termination of the Permit or the completion of the work to be performed hereunder.
2. **INSURANCE:** Without limiting Permittee's indemnity obligations, above, Permittee shall procure and maintain throughout the period of the Permit, the following policies of insurance placed with insurers with a current A.M. Bests rating of no less than A:VII (except as otherwise provided herein) against injury to persons (including without limitation personal injury and bodily injury) or damage to property which may arise from or in connection with the activities hereunder of Permittee and Permittee's officials, officers, employees, apprentices, agents, subcontractors, subconsultants, volunteers or anyone acting on Permittee's behalf in the furtherance of the work authorized under the Permit:
 - (a) **Commercial General Liability:** One million dollars (\$1,000,000.00) per occurrence for bodily injury, personal injury and property damage on an occurrence form as broad as Insurance Services Office Commercial General Liability coverage (occurrence Form CG 0001). If the Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit. CGL Coverage shall include: a broad form property damage liability endorsement (including completed operations); a contractual liability endorsement naming this Encroachment Permit and any related agreements; and a cross liability endorsement. No Commercial General Liability policy procured pursuant to this provision shall contain or be endorsed to contain cross suits exclusions; prior completed work exclusions; or a contractual liability limitation, including without limitation, any endorsement issued on form CG 21 39 (Contractual Liability Limitation).
 - (b) **Automobile Liability:** One million dollars (\$1,000,000.00) per accident for bodily injury and property damage as broad as Insurance Services Office Form Number CA 0001 covering Automobile Liability, Code 1 (any auto). If deemed appropriate by the City Engineering Division, in its sole and absolute discretion, the Automobile Liability policy shall be endorsed to delete the Pollution and/or the Asbestos exclusion and add the Motor Carrier Act endorsement (MCS-90), TL 1005, TL 1007 and/or other endorsements required by federal or state authorities.
 - (c) **Worker's Compensation as required by the State of California; Employer's Liability:** Workers' Compensation Insurance affording coverage at least as broad as that required by the State of California with Employer's Liability Insurance with minimum limits of no less than One Million Dollars (\$1,000,000.00) per accident for bodily injury or disease. The rating of Workers' Compensation carriers shall be subject to the written approval of the City Engineering Division in its sole and absolute discretion. The Workers' Compensation insurer shall also agree to waive all rights of subrogation against City and City's elected and appointed officials, officers, employees, agents and volunteers for losses paid under the terms of the insurance policy.
 - (d) **Course of Construction:** Completed value of the project with no coinsurance penalty provisions, if deemed appropriate by the City Engineering Division in its sole and absolute discretion.

The Commercial General Liability and Automobile Liability policies are to contain or be endorsed to contain the following provisions:

1. City and City's elected or appointed officials, officers, employees, agents and volunteers are to be covered as additional insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of Permittee; and with respect to liability arising out of work or operations performed by or on behalf of Permittee including materials, parts or equipment furnished in connection with such work or operations. (CG 20 12 11 85 or its equivalent shall be utilized with respect to the CGL Coverage); and
2. Permittee's insurance shall be primary insurance as respects City and City's elected or appointed officials, officers, employees, agents and volunteers. Any insurance or self-insurance maintained by City or City's elected or appointed officials, officers, employees, agents and volunteers shall be excess of Permittee's insurance and shall not contribute with it;
3. There will be no cancellation, suspension, reduction or voiding of coverage without **thirty (30)** calendar days prior written notice by certified mail, return receipt requested, to City. If any reduction of coverage occurs, Permittee shall furnish City with information regarding such reduction at Permittee's earliest possible opportunity but in no case later than five (5) calendar days after Permittee is notified of the change in coverage. Any failure to comply with reporting or other provisions of the policy, including breaches of warrants, shall not affect the coverage provided to City or City's elected or appointed officials, officers, employees, agents or volunteers; and
4. Coverage shall not extend to any indemnity coverage for the active negligence of any additional insured in any case where an agreement to indemnify the additional insured would be invalid under subdivision (b) of Section 2782 of the California Civil Code.

With respect to all varieties of insurance required under the Permit, any deductibles or self-insured retentions shall be declared to and approved by City. City, at its option and in its sole and absolute discretion may require that: (a) the insurer reduce or eliminate such deductibles or self-insured retentions as respects City and City's elected or appointed officials, officers, employees, agents and volunteers; or (b) Permittee shall provide a financial guarantee satisfactory to City guaranteeing payment of losses and related investigations, claim

Permittee's Initials: _____
Date: _____

administration and defense expenses. All varieties of insurance required under the Encroachment Permit shall contain standard separation of insureds provisions. In addition, such insurance shall not contain any special limitations on the scope of protection afforded to the City or City's elected or appointed officials, officers, employees, agents or volunteers. **Permittee shall provide City with proof of coverage in the form of both certificates of insurance and original endorsements; Permittee may not commence any work under the Permit until it provides City with the requisite proof of insurance.**

3. **SUBCONTRACTOR/ LIENS:** Permittee shall provide a list of all known subcontractors, regardless of tier, prior to ISSUANCE of the Encroachment Permit. The list shall provide the following information: the subcontractor's California Contractors State License Board license number; the subcontractor's name; the subcontractor's designated representative for the work; the subcontractor's address, telephone number (and 24 hour number if different); and the subcontractor's City business license number. Permittee shall notify the El Monte Engineering Division of any changes or additions to the list of subcontractors. Permittee shall keep the property upon which the work is to be performed free and clear of any work related liens, including without limitation mechanic's liens, materialmen's liens and other like encumbrances. In addition to any other indemnity obligations contained herein or in any related agreement, Permittee agrees to indemnify, defend and hold free and harmless the City from any and all claims of lien (including without limitation materialmen's liens, mechanic's liens and other like encumbrances) placed by any of Permittee's subcontractors in connection with any work performed under the Permit.
4. **CONTRACTOR'S LICENSE:** Applicable State Contractor's License is required. The Contractors State License Board (CSLB) protects consumers by licensing and regulating California's construction industry. There are 43 different licensing classifications.
5. **TRAFFIC CONTROL:** Adequate provisions shall be made for the protection of the traveling public. Permittee shall review and comply with the Work Area Traffic Control Handbook ("WATCH") published by the Southern California Chapter of the American Public Works Association. Upon request of the City's Engineering Division, Permittee shall also prepare and submit a Traffic Control Plan. With respect to traffic control, Permittee shall also comply with all applicable provisions of the El Monte Municipal Code and such other safety measures as may be requested by the City's Engineering Division. All work shall be planned and carried out so that there will be the least possible inconvenience to the traveling public. Traffic shall not be unreasonably delayed.
6. **PROVISIONS FOR PEDESTRIANS:** Where facilities exist, a minimum sidewalk width of four feet (4) shall be maintained at all times for safe passage through the work area. At no time shall pedestrians be diverted onto a portion of the street used for vehicular traffic. At locations where adjacent alternate walkways cannot be provided, appropriate signs and barricades shall be installed at the limits of construction and in advance of the closure at the nearest crosswalk or intersection to divert pedestrians across the street.
7. **PERFORMANCE STANDARDS:** All labor and other work performed under the Permit as well as all materials and supplies utilized in connection with the work to be performed under the Permit shall conform to generally recognized standards of construction as well as the requirements of the latest edition of the Standard Specifications for Public Works Construction published by the Southern California Chapter of the American Public Works Association. Permittee shall also comply with all terms and conditions of the Permit and all applicable rules, regulations and ordinances of the City of El Monte and other public agencies with jurisdiction over the work.
8. **COMMENCEMENT OF WORK:** Permittee shall notify the City Engineer in writing at least two (2) working days in advance of the time when work shall be started and shall also notify the City Engineer upon completion of the work. Not less than forty-eight (48) hours prior to the commencement of any trenching or any other work which may affect or damage underground facilities, Permittee shall contact Underground Service Alert of Southern California ("Dig Alert") to ascertain the location of such facilities. Dig Alert may be contacted at 1-800-227-2600 or by logging on to www.digalert.org.
9. **REVOCATION/ REMOVAL OF ENCROACHMENTS:** Encroachment Permits are revocable upon forty (48) hours' prior written notice to the Permittee. Permittee shall remove and/or relocate any encroachment installed or maintained under the Permit, upon written notice from the City Engineer.
10. **RESPONSIBLE PARTY:** No party other than the named Permittee or its agent(s) shall be authorized to work under the Permit. Permittee shall be responsible for any damage to any existing public infrastructure. Permittee shall also be responsible for the security of the work site.
11. **ACCEPTANCE OF PROVISIONS:** It is understood and agreed by Permittee that the doing of any work under the Permit shall constitute its acceptance of the provisions of the Permit and all attachments.
12. **INSPECTION AND APPROVAL BY CITY:** All work shall be subject to monitoring inspection, and approval by the City. Permittee shall request a final inspection and acceptance of the work within three (3) working days from the completion of the work.
13. **PERMIT ON THE WORK SITE:** The Encroachment Permit or a copy thereof shall be kept at the site of the work and must be shown to any representative of the City or any law enforcement officer on demand. **WORK SHALL BE SUSPENDED IF PERMIT IS NOT AT THE JOB SITE AS PROVIDED.**
14. **CONFLICTING PERMITS:** If a prior encroachment conflicts with the proposed work, the new Permittee must arrange for any necessary removal or relocation with the prior permittee. Any such removal or relocation shall come at no cost and/or expense to City and shall be borne by the Permittee.
15. **PERMITS FROM OTHER AGENCIES:** The Permittee shall, whenever required by law, secure the written authorization for any work that must be approved or permitted by any federal, state or local agency having jurisdiction.

Permittee's Initials: _____

Date: _____

16. CARE OF DRAINAGE: If the work contemplated in any Encroachment Permit shall interfere with the established drainage, ample provision shall be made by the Permittee to provide for it as may be directed by the City Engineer.
17. WATER CONTROL: The Permittee shall use Best Management Practices that comply with standards set forth by the City of El Monte and the National Pollutant Discharge Elimination System (NPDES) Permit and Waste Discharge Requirements (WDRs) applicable to municipalities within the County of Los Angeles to prevent construction water, debris, or groundwater from entering storm drains.
18. RESTORATION: In every case, the Permittee shall be responsible for restoring to the specifications as nearly as may be possible any portion of a City facility, sidewalk, highway or street which has been excavated or otherwise disturbed by Permittee. The Permittee shall maintain the surface over facilities, sidewalks, highways or streets placed under any permit. If the facility, sidewalk, highway or street is not restored as herein provided for, or if the City elects to make repairs, Permittee agrees by acceptance of the Permit to bear the cost thereof.
19. WORK AREA MAINTENANCE: Permittee is solely responsible for maintaining any area it uses in a safe, orderly, and clean condition so as to prevent any injury or damage to property or persons.
20. COST OF WORK: Unless otherwise stated on the Permit or any other related agreement, all costs incurred for work within a City right-of-way pursuant to this Encroachment Permit shall be borne by the Permittee, and Permittee hereby waives all claims for indemnification or contribution from the City for such work.
21. FEDERAL CIVIL RIGHTS REQUIREMENTS FOR PUBLIC ACCOMODATION: The Permittee, for itself and its personal representatives, successors in interest, and assigns, as part of the consideration hereof, does hereby covenant and agree that: (a) no person solely on the grounds of race, color, religion or national origin shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of any improvements constructed herein; (b) that in connection with the construction of any improvements and the furnishing of services therefrom, no discrimination shall be practiced in the selection of employees and contractors, by contractors in the selection and retention of first-tier subcontractors or in the selection of second-tier subcontractors; and (c) that such discrimination shall not be practiced against the public in their access to and use of the improvements provided for public accommodations (such as eating, sleeping, rest recreation), and operated on, over, or under the space of the right-of-way. Permittee further agrees that in the event of breach of any of the above nondiscrimination covenants, City shall have the right to terminate the permit and to re-enter and repossess said land and the facilities thereon, and hold the same as if said permit had never been made or issued.
22. NO PRECEDENT ESTABLISHED: The Permit is issued with the understanding that any particular action shall not be considered to establish any precedent (1) on the question of the expediency of permitting any certain kind of encroachment to be erected within the right-of-way of the City of El Monte or (2) as to any utility of the acceptability of any such permits as to any other or future situation.
23. PREVAILING WAGE LAWS: Construction, alteration, demolition, repair or maintenance work performed under a permit issued by the City may require the owner/Permittee to pay all workers employed by the contractor and subcontractors the appropriate predetermined prevailing wage rates as set by the Director of the Department of Industrial Relations See California Labor Code, Division 2. Part 7. (commencing with section 1720). Streets and Highways Code, Chapter 3, Article 2 Section 671.1. and Opinion of the Attorney General of the State of California. No. 86-803, dated December 31, 1986. Permittee agrees to pay prevailing wages as required under the California Labor Code.
24. SANITATION DISTRICTS OF LOS ANGELES COUNTY: Connection to the sanitary sewer system requires proof and clearance from Sanitation Districts of Los Angeles County (562) 908-4288. Trenching/excavation in connection to sewer work require a separate fee. Sewer spill reporting is mandatory. To report a sewer spill please call (626) 580-2250, Monday-Thursday from 7:00 a.m. to 5:30 p.m. After working hours please call (626) 580-2100.
25. TRENCH: All trenches are to be backfilled at the end of each day and paved with temporary AC. Traffic plates may be used. Contractor to immediately and within 24 hours pave trench with hot mix and compact to the satisfaction of the City. Trench to be ground 1-1/2" thick after two weeks of allowing traffic to run over the trench or cut and cap with 2" course. Compaction report is required when backfilling with native soil. One-sack slurry may be used in lieu of native soil.
26. WORK HOURS: Work on these streets is restricted from 9:00 a.m. to 3:00 p.m. Arden Drive, Durfee Avenue, Maxson Road, Santa Anita Avenue, Baldwin Avenue, Garvey Avenue, Peck Road, Tyler Avenue, Cogswell Road, Lower Azusa Road, Ramona Boulevard, and Valley Boulevard.
27. SCHOOL ZONE: Work is restricted from 8:00 a.m. to 3:30 p.m. Contractor is to have flagmen in school zones.
28. NOTIFICATION: Residents and businesses affected by the work and directly adjacent to the project area must be notified in writing. Public notices must be submitted to the Engineering Division for review of content. Notices must be sent to the residents and business a minimum of two (2) weeks prior to commencing work.
29. PERMIT DURATION: Permits will be valid for no more than 6 months after approval and issuance of the permit by the Engineering Division. Permittee must commence work no later than 30 days after the approval and issuance of the permit. Failure to comply with the requirement will result in the permit expiring and not being valid. The permittee must obtain another permit and additional permit fees will be applicable.

Permittee's Initials: _____
 Date: _____

30. In consideration of the granting of this permit, it is further agreed by the applicant that the City of El Monte and any officer or employee thereof shall be held harmless by the applicant from any liability or responsibility for any accident, loss or damage to persons or property, happening or occurring as the proximate result of any of the work undertaken under the terms of this application and the permit's, which may be granted in response thereto, and that all of said liability are hereby assumed by the applicant. Applicant agrees to remove all Underground Service Alert (USA) markings and graffiti placed on public property once work has been completed. The City Public Works Inspector will not final or approve any work until all USA markings have been removed and an Identification Survey Nail and Tag is installed on the trench.

SUPPLEMENTAL PERMIT TERMS AND CONDITIONS

Permittee agrees to comply with any and all supplemental permit terms and conditions checked, below:

- HOURS OF WORK:** No work shall be performed and no equipment shall be present on the site where the work is performed between the hours of 4:00 P.M. and 8:00 A.M. Work on major arterial shall be between the hours of 9:00 A.M. and 3:00 P.M.

- ADDITIONAL DOCUMENTS:** As a condition precedent to City's approval of the Permit, Permittee shall submit _____ sets of approved blue lines within _____ calendar days of its submission of the Encroachment Permit Application. **THE PERMIT WILL NOT BE APPROVED WITHOUT THE APPROPRIATE DRAWINGS BEING PROVIDED.**

- PRECONSTRUCTION MEETING:** Permittee shall hold a preconstruction meeting prior to the start of construction. Arrangements for this meeting are to be made with the inspector who is assigned to the project. The developer or general contractor shall be responsible for timely request for inspection (Standard Permit Terms and Conditions No. 11).

- UNDERGROUND FACILITIES:** For installation of all underground facilities or other like improvements, and all surface work or other activity of consequence, the Permittee shall furnish one (1) set of plans showing location and construction or other activity with its application. Thirty (30) days after completion and acceptance of the work, one (1) set of as-built plans shall be submitted to the City.

- BONDING:** Permittee shall be procure and maintain a bond in the amount of \$10,000. \$25,000. The bond shall be paid in the form of a cashier's check.

- MAINTENANCE OF RIGHT-OF-WAY:** Within _____ calendar from the date of Permit approval, Permittee shall execute a maintenance agreement with the City for the long term operation, use and maintenance of the encroachment. The terms of the maintenance agreement shall control in the event of conflict with this application/permit.

- CONSTRUCTION SCHEDULE:** Project scheduling is intended to monitor the progression of tasks over a given time period and to insure that the construction schedule is being adhered to and completed in an effective and timely manner. The critical path method (CPM) for scheduling calculates the minimum completion time for a project along with the possible start and finish times for the project activities.

Permittee's Initials: _____

Date: _____

Sample of Certificate of Liability Insurance

PRODUCER

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

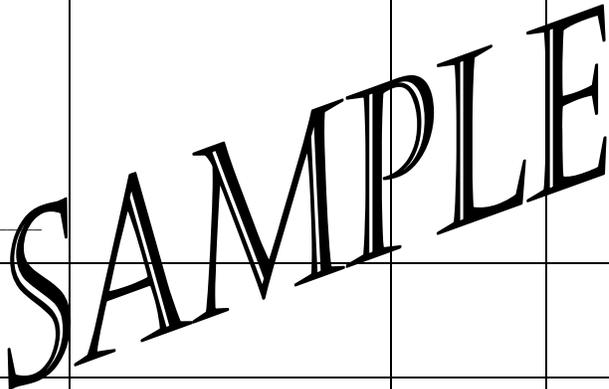
INSURED

- INSURER A *GENERAL LIABILITY CARRIER MUST HAVE A*
- INSURER B *CURRENT A.M. BEST RATING OF "A VI" OR HIGHER.*
- INSURER C *WORKERS' COMPENSATION CARRIER MUST HAVE A*
- INSURER D *CURRENT A.M. BEST RATING OF "A-VII" OR HIGHER.*
- INSURER E *CARRIERS MUST BE ADMITTED IN CALIFORNIA.*

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INS LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
					<i>MINIMUM ACCEPTABLE LIMITS</i>	
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR _____ _____ GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC				EACH OCCURRENCE	\$1,000,000.
					FIRE DAMAGE (Any one fire)	\$ 50,000.
					MED EXP (Any one person)	\$ 5,000.
					PERSONAL & ADV INJURY	\$1,000,000.
					GENERAL AGGREGATE	\$2,000,000.
					PRODUCTS-COMP/OP AGG	\$2,000,000.
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident)	\$
	<input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS _____				BODILY INJURY (Per person)	\$
					BODILY INJURY (Per accident)	\$
					PROPERTY DAMAGE (Per accident)	\$
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	\$
	<input type="checkbox"/> ANY AUTO				OTHER THAN EA ACC	\$
					AUTO ONLY AGG	\$
	EXCESS LIABILITY				EACH OCCURRENCE	\$
	<input type="checkbox"/> OCCUR. <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				AGGREGATE	\$
						\$
						\$
	WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY				<input type="checkbox"/> WC STATU- TORY LIMITS <input type="checkbox"/> OTH- ER	
					E.L. EACH ACCIDENT	\$1,000,000.
					E.L. DISEASE-EA EMPLOYEE	\$1,000,000.
					E.L. DISEASE - POLICY LIMIT	\$1,000,000.
	OTHER					



DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

**THE CITY OF EL MONTE IS HEREBY NAMED AS ADDITIONAL INSURED.
SEE ATTACHED ADDITIONAL INSURED ENDORSEMENT. (MUST BE FORM CG2010 OR EQUIVALENT.)**

***10 days in the event of non-payment of premium**

CERTIFICATE HOLDER

ADDITIONAL INSURED:INSURED LETTER: _____

**CITY OF EL MONTE
PUBLIC WORKS ENGINEERING DEPARTMENT
11333 VALLEY BOULEVARD
EL MONTE, CA 91731**

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30* DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT,
~~BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.~~

AUTHORIZED REPRESENTATIVE

POLICY NUMBER:

COMMERCIAL GENERAL LIABILITY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS (FORM B)

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART.

SCHEDULE

Name of Person or Organization:

**CITY OF EL MONTE
PUBLIC WORKS ENGINEERING DEPARTMENT
11333 VALLEY BOULEVARD
EL MONTE, CA 91731**

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

WHO IS AN INSURED (Section II) is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of "your work" for that insured by or for you.

SAMPLE

**Asbestos Containing Materials
Survey Report**



Stantec

**ASBESTOS-CONTAINING
MATERIALS SURVEY REPORT**

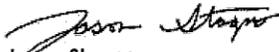
ASBESTOS-CONTAINING MATERIALS
SURVEY REPORT
BRIDGE PRESERVATION (15 BRIDGES)
ALONG STATE ROUTE 10
LOCATION: 07-LA-10
LOS ANGELES COUNTY, CALIFORNIA
PN: 07-0713000449 (EA#2W6601)
TASK ORDER #10
CONTRACT 07A3321

STANTEC PROJECT NO.: 185831010

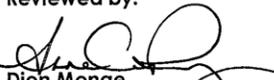
SUBMITTED TO:
CALIFORNIA DEPARTMENT OF
TRANSPORTATION, DISTRICT 7 SOUTH
100 SOUTH MAIN STREET
LOS ANGELES, CALIFORNIA 90012

Submitted by:
Stantec Consulting Services Inc.
25864-F Business Center Drive
Redlands, California

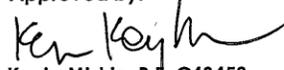
Prepared by:


Jason Stagno
Associate Scientist, CAC

Reviewed by:


Dion Monge
Associate Scientist

Approved by:


Kevin Miskin, P.E. C48458
Principal Engineer

June 30, 2014

EXECUTIVE SUMMARY

This Asbestos-Containing Materials (ACM) Survey Report was prepared at the request of California Department of Transportation (Caltrans) District 7 and describes the results of an ACM survey performed on the 15 bridges located along Interstate 10 on May 29 and 30 and June 9 and 10, 2014, between the west limits of the City of Rosemead and the east limits of the City of El Monte in Los Angeles County, California (Figure 1). The ACMs surveys were performed to support Caltrans' proposed bridge preservation activities and were conducted pursuant to the provisions of Contract 07A3321.

The bridges surveyed as part of this scope of work are identified in the table below and supplemented with general construction information from the *Log of Bridges on State Highways, District 7* prepared by Caltrans, dated April 2014:

POST MILE	BRIDGE NUMBER	BRIDGE NAME	STRUCTURE TYPE	LENGTH (meters)	WIDTH (meters)	YEAR BUILT	YEAR WIDENED
26.84	53-0010K	Route 10/164 Collector Separator	Concrete continuous slab	53.0	10.8	1951	NA
26.84	53-0010S	Route 10/164 Collector Separator	Concrete continuous slab	58.8	10.8	1951	NA
27.96	53-1021C	Baldwin Avenue UC WB Busway	Steel stringer/ multi-beam or girder	13.1	5.4	1956	NA
28.32	53-2636	LAFC Access Road	Concrete slab	10.1	16.6	1972	NA
28.67	53-0685	Santa Anita Avenue UC	Concrete box beam or girders - multiple	25.3	51.2	1956	2004
28.84	53-0883	Lexington Avenue UC	Concrete box beam or girders - multiple	19.2	67.0	1956	2004
29.03	53-0659	Tyler Avenue UC	Concrete continuous box beam or girders - multiple/ Other slab	31.1	57.1	1956	2004
29.34	53-1029	Meeker Road UC	Concrete box beam or girders - multiple	16.5	64.0	1956	2004
29.43	53-0661	Peck Road	Steel stringer/ multi-beam	43.0	60.4	1956	2004

			or girder				
29.55	53-0660	Valley Boulevard UC	Steel stringer/multi-beam or girder	47.5	58.0	1956	2002
29.81	53-0867	East El Monte OH	Steel stringer/multi-beam or girder	54.6	54.0	1956	2002
29.20	53-1030	Stewart St On-Ramp UC	Concrete frame (except frame culverts)	11.9	54.4	1956	2002
30.13	53-0662	Cogswell Road UC	Concrete box beam or girders - multiple	19.6	54.0	1956	2002
30.51	53-1031	Durfee Road UC	Concrete continuous box beam or girders - multiple/Other slab	32.1	53.3	1956	2004
30.58	53-1032	Garvey Avenue Off-Ramp UC	Concrete box beam or girders - multiple	51.8	51.8	1956	2002

The purpose of the ACM surveys was to assess the presence and quantities of accessible ACMs prior to proposed bridge preservation and maintenance activities. Caltrans will provide this information to the contractor for waste profiling and disposition, worker health and safety, and compliance with federal, state and local regulations.

Bulk samples of suspect ACM bridge materials were collected and analyzed by Polarized Light Microscopy (PLM). The United States Environmental Protection Agency (US EPA) and State of California, Division of Occupational Safety and Health (DOSH) define an ACM as any material containing more than one percent asbestos (>1%).

In California, potential asbestos exposure during construction is regulated when construction, alteration, repair, maintenance, or renovation of structures, substrates, or portions thereof contain asbestos [8 CCR §1529 (a)(1)(C)]. Additionally, in California, materials containing greater than one-tenth of one percent (>0.1%) asbestos are regulated as Asbestos-Containing Construction Materials (ACCMs). For the purpose of this report, materials with any detectable concentration of asbestos are considered positive.

Based on analytical results, only samples of black pipe located in weep holes of bridge number 53-1032 (Garvey Avenue Off-Ramp UC) tested positive for asbestos. Asbestos was not detected in any other materials analyzed from the 15 bridges.

The black pipes appeared to be in good condition at the time of the survey, and if left undisturbed are considered a Category I non-friable ACM. However, if the black piping, or any other currently undiscovered suspect materials are disturbed during construction, they should be classified and handled as a RACM due to the high probability of becoming crumbled, pulverized, or reduced to a powder by the forces expected to act on the material in the course of demolition or construction. If disturbance of these materials is required for bridge preservation, the following should be considered:

- Any generated ACM wastes should be disposed as hazardous asbestos waste.
- ACM abatement is required by a licensed ACM abatement contractor prior to renovation, refurbishing, or demolition activities. The abatement contractor's responsibilities include,
 - Removal and disturbance of ACMs in accordance with DOSH requirements. (e.g.; CCR Title 8, Section 341.9 and 1529).
 - Segregation and disposal at a landfill permitted to accept asbestos waste.
 - Compliance with all other local, state and federal regulations and requirements associated with the disturbance, management, handling and disposal of ACM.
- The amount of ACM that may be generated during bridge demolition activities is unknown, as Stantec was unable to determine the length of concealed piping behind the weep holes. If as-built drawings for the bridges are available, an estimation of the amount of ACM behind concrete walls may be possible. Notification to the South Coast Air Quality Management District (SCAQMD) is required for all demolitions regardless of the ACM square footage. The contractor is required to comply with all other SCAQMD and other agency notifications and requirements for demolition and construction.

TABLE 1
ASBESTOS SAMPLE LOG AND ANALYSIS RESULTS
15 BRIDGES ALONG ROUTE 10
07-LA-710
LOS ANGELES COUNTY, CALIFORNIA
PN: 07-0713000449; EA#2W6601
TASK ORDER #10; CONTRACT 07A3321

FIELD SAMPLE ID	SAMPLE DATE	LABORATORY SAMPLE ID	SAMPLE LOCATION	MATERIAL DESCRIPTION	ANALYSIS RESULTS	CONDITION FRIABLE YES/NO	IF ACM, ESTIMATED SQUARE FOOTAGE
09A	5/23/2014	0142103-025	NORTH AND SOUTH- SE	MORTAR, BEIGE/TAN	ND	NO	--
09B	5/23/2014	0142103-026	NORTH AND SOUTH- SW	MORTAR, BEIGE/TAN	ND	NO	--
09C	5/23/2014	0142103-027	NORTH AND SOUTH- NORTH/CENTER	MORTAR, BEIGE/TAN	ND	NO	--
PECK RD UC - BRIDGE #53-0661							
01A	6/2/2014	0142104-001	GUARD RAILING- SE	CONCRETE, GRAY	ND	NO	--
01B	6/2/2014	0142104-002	GUARD RAILING- S. CENTER	CONCRETE, GRAY	ND	NO	--
01C	6/2/2014	0142104-003	GUARD RAILING- NW	CONCRETE, GRAY	ND	NO	--
02A	6/2/2014	0142104-004	THROUGHOUT DECK- SE	CONCRETE, GRAY	ND	NO	--
02B	6/2/2014	0142104-005	THROUGHOUT DECK- S. CENTER	CONCRETE, GRAY	ND	NO	--
02C	6/2/2014	0142104-006	THROUGHOUT DECK- NW	CONCRETE, GRAY	ND	NO	--
03A	6/2/2014	0142104-007	DECK- SE	SEALANT, GRAY	ND	NO	--
03B	6/2/2014	0142104-008	DECK-S. CENTER	SEALANT, GRAY	ND	NO	--
03C	6/2/2014	0142104-009	DECK- NW	SEALANT, GRAY	ND	NO	--
04A	6/2/2014	0142104-010	VARIOUS- SE	FELT, BROWN/BLACK	ND	YES	--
04B	6/2/2014	0142104-011	VARIOUS- SW	FELT, BROWN/BLACK	ND	YES	--
04C	6/2/2014	0142104-012	VARIOUS- NE	FELT, BROWN/BLACK	ND	YES	--
05A	6/2/2014	0142104-013	WALLS BENEATH BRIDGE- WEST	PRACTILE BOARD, TAN/BLACK	ND	NO	--
05B	6/2/2014	0142104-014	WALLS BENEATH BRIDGE- WEST	PRACTILE BOARD, TAN/BLACK	ND	NO	--
05C	6/2/2014	0142104-015	WALLS BENEATH BRIDGE- WEST	PRACTILE BOARD, TAN/BLACK	ND	NO	--
06A	6/2/2014	0142104-016	WALLS BENEATH BRIDGE- WEST	PRACTILE BOARD, TAN/BLACK	ND	NO	--
06B	6/2/2014	0142104-017	WALLS BENEATH BRIDGE- WEST	PRACTILE BOARD, TAN/BLACK	ND	NO	--
06C	6/2/2014	0142104-018	WALLS BENEATH BRIDGE- WEST	PRACTILE BOARD, TAN/OFF WHITE	ND	NO	--
VALLEY BLVD UC - BRIDGE #53-0660							
01A	6/2/2014	0412105-001	GUARD RAILING- SW	CONCRETE, GRAY	ND	NO	--
01B	6/2/2014	0142105-002	GUARD RAILING -SOUTH CENTER	CONCRETE, GRAY	ND	NO	--
01C	6/2/2014	0142105-003	GUARD RAILING -NW	CONCRETE, GRAY	ND	NO	--
02A	6/2/2014	0142105-004	THROUGHOUT- SW	CONCRETE, GRAY	ND	NO	--
02B	6/2/2014	0142105-005	THROUGHOUT SOUTH/CENTER	CONCRETE, GRAY	ND	NO	--
02C	6/2/2014	0142105-006	THROUGHOUT- NW	CONCRETE, GRAY	ND	NO	--
03A	6/2/2014	0142105-007	DECK- SW	SEALANT, GRAY	ND	NO	--
03B	6/2/2014	0142105-008	DECK- SE	SEALANT, GRAY	ND	NO	--
03C	6/2/2014	0142105-009	DECK- NW	SEALANT, GRAY	ND	NO	--
04A	6/2/2014	0142105-010	VARIOUS- NE	FELT, BROWN/BLACK	ND	YES	--
04B	6/2/2014	0142105-011	VARIOUS- NE	FELT, BROWN/BLACK	ND	YES	--
04C	6/2/2014	0142105-012	VARIOUS- NE	FELT, BROWN/BLACK	ND	YES	--
05A	6/2/2014	0142105-013	GUARDRAILS SOUTH	SEALANT, GRAY/BEIGE	ND	NO	--
05B	6/2/2014	0142105-014	GUARDRAILS SOUTH	SEALANT, GRAY/BEIGE	ND	NO	--
05C	6/2/2014	0142105-015	GUARDRAILS SOUTH	SEALANT, GRAY/BEIGE	ND	NO	--
06A	6/2/2014	0142105-016	DECK SOUTH	SEALANT, BLACK	ND	NO	--
06B	6/2/2014	0142105-017	DECK SOUTH	SEALANT, BLACK	ND	NO	--
06C	6/2/2014	0142105-018	DECK SOUTH	SEALANT, BLACK	ND	NO	--
07A	6/2/2014	0142105-019	WALLS BENEATH BRIDGE- EAST	PARTICLE BOARD, TAN	ND	NO	--
07B	6/2/2014	0142105-020	WALLS BENEATH BRIDGE- EAST	PARTICLE BOARD, TAN	ND	NO	--
07C	6/2/2014	0142105-021	WALLS BENEATH BRIDGE- EAST	PARTICLE BOARD, TAN	ND	NIO	--
COGSWELL RD UC - BRIDGE #53-0662							
01A	6/2/2014	0142106-001	GUARD RAILING- SE	CONCRETE, GRAY	ND	NO	--
01B	6/2/2014	0142106-002	GUARD RAILING- SW	CONCRETE, GRAY	ND	NO	--
01C	6/2/2014	0142106-003	GUARD RAILING- NE	CONCRETE, GRAY	ND	NO	--
02A	6/2/2014	0142106-004	THROUGHOUT DECK- SE	CONCRETE, GRAY	ND	NO	--
02B	6/2/2014	0142106-005	THROUGHOUT DECK- SW	CONCRETE, GRAY	ND	NO	--
02C	6/2/2014	0142106-006	THROUGHOUT DECK- NE	CONCRETE, GRAY	ND	NO	--
03A	6/2/2014	0142106-007	NORTH AND SOUTH- SE	CONCRETE BLOCK, BEIGE	ND	NO	--
03B	6/2/2014	0142106-008	NORTH AND SOUTH- SW	CONCRETE BLOCK, BEIGE	ND	NO	--

EMC LABS, INC.

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Laboratory Report
0142104

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	STANTEC CONSULTING	Job# / P.O. #:	185831010.	200.0002
Address:	290 CONEJO RIDGE AVE	Date Received:	06/06/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/16/2014	
Collected:	06/02/2014	Date Reported:	06/16/2014	
Project Name:	BRIDGE 53-0661	EPA Method:	EPA 600/R-93/116	
Address:	ST ROUTE 10, 07A33221-T010	Submitted By:	JASON STAGNO	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0142104-001 01A	GUARD RAILING-SE	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142104-002 01B	GUARD RAILING-S. CENTER	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142104-003 01C	GUARD RAILING- NW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler 99%
0142104-004 02A	THROUGHOUT DECK-SE	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142104-005 02B	THROUGHOUT DECK-S. CENTER	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%

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Laboratory Report

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0142104

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	STANTEC CONSULTING	Job# / P.O. #:	185831010.	200.0002
Address:	290 CONEJO RIDGE AVE THOUSAND OAKS CA 91361	Date Received:	06/06/2014	
Collected:	06/02/2014	Date Analyzed:	06/16/2014	
Project Name:	BRIDGE 53-0661	Date Reported:	06/16/2014	
Address:	ST ROUTE 10, 07A33221-T010	EPA Method:	EPA 600/R-93/116	
		Submitted By:	JASON STAGNO	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0142104-006 02C	THROUGHOUT DECK-NW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142104-007 03A	DECK-SE	Sealant, Gray	No	None Detected	Gypsum Quartz Carbonates Binder/Filler 100%
0142104-008 03B	DECK-S. CENTER	Sealant, Gray	No	None Detected	Gypsum Quartz Carbonates Binder/Filler 100%
0142104-009 03C	DECK-NW	Sealant, Gray	No	None Detected	Gypsum Quartz Carbonates Binder/Filler 100%
0142104-010 04A	VARIOUS-SE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler 60% 40%
0142104-011 04B	VARIOUS-SW	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler 60% 40%

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NVLAP#101926-0

Client:	STANTEC CONSULTING	Job# / P.O. #:	185831010	200.0002
Address:	290 CONEJO RIDGE AVE	Date Received:	06/06/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/16/2014	
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Project Name:	BRIDGE 53-0661	EPA Method:	EPA 600/R-93/116	
Address:	ST ROUTE 10, 07A33221-T010	Submitted By:	JASON STAGNO	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0142104-012 04C	VARIOUS-NE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber 60% Carbonates Gypsum Binder/Filler 40%
0142104-013 05A	WALLS BENEATH BRIDGE-WEST	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber 90% Carbonates Gypsum Binder/Filler 10%
0142104-014 05B	WALLS BENEATH BRIDGE-WEST	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber 90% Carbonates Gypsum Binder/Filler 10%
0142104-015 05C	WALLS BENEATH BRIDGE-WEST	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber 90% Carbonates Gypsum Binder/Filler 10%
0142104-016 06A	WALLS BENEATH BRIDGE-WEST	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber 90% Carbonates Gypsum Binder/Filler 10%
0142104-017 06B	WALLS BENEATH BRIDGE-WEST	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber 90% Carbonates Gypsum Binder/Filler 10%
0142104-018 06C	WALLS BENEATH BRIDGE-WEST	Particle Board, Tan/ Off White	No	None Detected	Cellulose Fiber 90% Carbonates Gypsum Binder/Filler 10%

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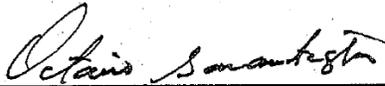
Laboratory Report
0142104

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	STANTEC CONSULTING	Job# / P.O. #:	185831010.	200.0002
Address:	290 CONEJO RIDGE AVE	Date Received:	06/06/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/16/2014	
Collected:	06/02/2014	Date Reported:	06/16/2014	
Project Name:	BRIDGE 53-0661	EPA Method:	EPA 600/R-93/116	
Address:	ST ROUTE 10, 07A33221-T010	Submitted By:	JASON STAGNO	
		Collected By:		

Lab ID	Sample	Layer Name /	Asbestos	Asbestos Type	Non-Asbestos
Client ID	Location	Sample Description	Detected	(%)	Constituents



Analyst - Octavio Gavarreteayestas



Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-fibrous organically bound materials.

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Laboratory Report
0142105

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	STANTEC CONSULTING	Job# / P.O. #:	185831010.	200.0002
Address:	290 CONEJO RIDGE AVE	Date Received:	06/06/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/17/2014	
Collected:	06/02/2014	Date Reported:	06/17/2014	
Project Name:	BRIDGE 53-0660	EPA Method:	EPA 600/R-93/116	
Address:	ST. ROUTE 10, 07A33221-T010	Submitted By:	JASON STAGNO	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0142105-001 01A	GUARD RAILING SW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142105-002 01B	GUARD RAILING SOUTH / CENTER	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142105-003 01C	GUARD RAILING NW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142105-004 02A	THROUGHOUT SW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142105-005 02B	THROUGHOUT SOUTH / CENTER	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler <1% 99%

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Laboratory Report
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Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	STANTEC CONSULTING	Job# / P.O. #:	185831010.	200.0002
Address:	290 CONEJO RIDGE AVE	Date Received:	06/06/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/17/2014	
Collected:	06/02/2014	Date Reported:	06/17/2014	
Project Name:	BRIDGE 53-0660	EPA Method:	EPA 600/R-93/116	
Address:	ST. ROUTE 10, 07A33221-T010	Submitted By:	JASON STAGNO	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0142105-006 02C	THROUGHOUT NW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142105-007 03A	DECK SW	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0142105-008 03B	DECK SE	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0142105-009 03C	DECK NW	Sealant, Gray	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	<1% 99%
0142105-010 04A	VARIOUS NE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142105-011 04B	VARIOUS NE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142105-012 04C	VARIOUS NE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%

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Laboratory Report

0142105

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: STANTEC CONSULTING Job# / P.O. #: 185831010 200.0002
Address: 290 CONEJO RIDGE AVE Date Received: 06/06/2014
THOUSAND OAKS CA 91361 Date Analyzed: 06/17/2014
Collected: 06/02/2014 Date Reported: 06/17/2014
Project Name: BRIDGE 53-0660 EPA Method: EPA 600/R-93/116
Address: ST. ROUTE 10, 07A33221-T010 Submitted By: JASON STAGNO
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0142105-013 05A	GUARD RAILS SOUTH	Sealant, Gray/ Beige	No	None Detected	Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler	<1% 99%
0142105-014 05B	GUARD RAILS SOUTH	Sealant, Gray/ Beige	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142105-015 05C	GUARD RAILS SOUTH	Sealant, Gray/ Beige	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142105-016 06A	DECK SOUTH	Sealant, Black	No	None Detected	Carbonates Quartz Binder/Filler	100%
0142105-017 06B	DECK SOUTH	Sealant, Black	No	None Detected	Carbonates Quartz Binder/Filler	100%
0142105-018 06C	DECK SOUTH	Sealant, Black	No	None Detected	Carbonates Quartz Binder/Filler	100%

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Laboratory Report
0142105

Bulk Asbestos Analysis by Polarized Light Microscopy

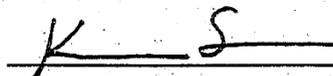
NVLAP#101926-0

Client: STANTEC CONSULTING Job# / P.O. #: 185831010. 200.0002
Address: 290 CONEJO RIDGE AVE Date Received: 06/06/2014
THOUSAND OAKS CA 91361 Date Analyzed: 06/17/2014
Collected: 06/02/2014 Date Reported: 06/17/2014
Project Name: BRIDGE 53-0660 EPA Method: EPA 600/R-93/116
Address: ST. ROUTE 10, 07A33221-T010 Submitted By: JASON STAGNO
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0142105-019 07A	WALLS BENEATH BRIDGE EAST	Particle Board, Tan	No	None Detected	Cellulose Fiber	90%
					Carbonates Gypsum Binder/Filler	10%
0142105-020 07B	WALLS BENEATH BRIDGE EAST	Particle Board, Tan	No	None Detected	Cellulose Fiber	90%
					Carbonates Gypsum Binder/Filler	10%
0142105-021 07C	WALLS BENEATH BRIDGE EAST	Particle Board, Tan	No	None Detected	Cellulose Fiber	90%
					Carbonates Gypsum Binder/Filler	10%



Analyst - Kurt Kettler



Signatory - Lab Manager - Ken Scheske

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

**Fiber Optic System
As-Built Drawings**

For ZW9210

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	750	1142

GENERAL NOTES: FOR E-32 TO E-74

- THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON PLAN WERE OBTAINED FROM OWNER'S RECORDS AND/OR OWNER'S PLANS.
- THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL ACCURATELY DETERMINE THE HORIZONTAL AND VERTICAL LOCATION OF ALL UNDERGROUND FACILITIES PRIOR TO EXCAVATION.
- SPLICE VAULTS AND PULL BOXES SHALL BE INSTALLED OFF SHOULDERS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- BEFORE MOVING OR MODIFYING ANY EXISTING ELECTRICAL FACILITIES, THE CONTRACTOR SHALL PROVIDE 72 HOURS ADVANCED WRITTEN NOTICE TO THE ENGINEER AND ALL AGENCIES CONCERNED.
- UNLESS OTHERWISE NOTED, ALL COMMUNICATION CONDUIT BENDS SHALL BE 4' FACTORY BENDS. ALL OTHER CONDUITS SHALL HAVE A MINIMUM BEND RADIUS OF NO LESS THAN 6 TIMES THE CONDUIT DIAMETER.
- ALL CONDUITS AND CONDUCTORS IN CONDUCTOR SCHEDULE TABLES ARE EXISTING UNLESS OTHERWISE NOTED.
- THE LOCATIONS OF RELOCATION OF CONTROLLER CABINETS, CCTV POLE, CMS ARE APPROXIMATE AND MAY BE CHANGED TO SUITE FIELD CONDITIONS AS DIRECTED OR APPROVED BY THE ENGINEER.
- THE LOCATION OF EXISTING CABINETS, PULL BOXES, AND SPLICE VAULTS ARE APPROXIMATE AND MAY BE CHANGED TO SUIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL EXERCISE CARE TO AVOID DAMAGE TO ANY EXISTING ELECTRICAL CONDUITS AND EQUIPMENT ALONG THE FREEWAY SHOULDER. TRENCHING WITH HAND TOOLS MAY BE REQUIRED.

ABBREVIATIONS:

- | | |
|--------|-----------------------------------|
| MDF | MAIN DISTRIBUTION FRAME |
| FDU | FIBER DISTRIBUTION UNIT |
| DEMARC | DEMARICATION |
| TELCO | TELEPHONE COMPANY |
| B/O | BREAKOUT CABLE |
| SH | SHORT HAUL |
| 2SMFO | 2 SINGLEMODE FIBER OPTIC CABLE |
| 12SMFO | 12 SINGLEMODE FIBER OPTIC CABLE |
| 36SMFO | 36 SINGLEMODE FIBER OPTIC CABLE |
| 6P22 | 6 PAIR 22 AWG TWISTED PAIR CABLE |
| 12P22 | 12 PAIR 22 AWG TWISTED PAIR CABLE |
| 50P22 | 50 PAIR 22 AWG TWISTED PAIR CABLE |
| SPRR | SOUTHERN PACIFIC RAIL ROAD |
| TMC | TRANSPORTATION MANAGEMENT CENTER |

LEGEND:

- | | | | |
|--|---|-------|---------------------------|
| | SPLICE VAULT | ----- | EXISTING SERVICE CONDUITS |
| | COMMUNICATION PULL BOX | ----- | NEW SERVICE CONDUITS |
| | EXISTING COMMUNICATION PULL BOX | | |
| | EXISTING SPLICE VAULT | | |
| | EXISTING TYPE 334 CCTV CABINET | | |
| | EXISTING TYPE 334 RAMP METERING AND TRAFFIC MONITORING STATION. | | |

REGISTERED CIVIL ENGINEER DATE 1/24/01
 FONG-PING LEE
 No. C 040869
 Exp. 3/31/03
 STATE OF CALIFORNIA

8-6-01
 PLANS APPROVAL DATE

MTA
 ONE GATEWAY PLAZA
 LOS ANGELES, CA 90012

FPL and Associates, Inc.
 10 Corporate Park, Ste 310
 Irvine, California 92606

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AS-BUILT

Contract No. 07- 1069U4
 Resident Engineer: GAMAL TAWFIK
 Completion Date: 04/18/2006

PROJECT NOTES: (SHEETS E-31 TO E-43)

- PROTECT EXISTING COMMUNICATION SYSTEM IN-PLACE.
- FOR INSTALLATION OF LOOP DETECTOR, CONDUIT, PULL BOX AND ADDITIONAL CONDUCTORS SEE MODIFY RAMP METERING SYSTEM (LOCATION 0741).
- FOR INSTALLATION OF LOOP DETECTOR, CONDUIT, PULL BOX AND ADDITIONAL CONDUCTORS SEE MODIFY RAMP METERING SYSTEM (LOCATION 0796).
- REMOVE EXISTING CABLES FROM EXISTING CONDUIT AND INSTALL NEW CABLES AS SHOWN ON PLAN.
- RELOCATE EXISTING CAMERA, PAN AND TILT UNIT **RS** EXISTING CAMERA POLE. SEE NOTE **6**
- RELOCATED EXISTING CAMERA, PAN AND TILT UNIT ON 35' CCTV POLE, SEE SHEET E-82.
- RELOCATE EXISTING CCTV CONTROLLER CABINET COMPLETE. SEE SHEET E-74 DETAIL 3.
- RELOCATED EXISTING CCTV CONTROLLER CABINET COMPLETE ON NEW FOUNDATION, SEE SHEET E-69 FOR DETAILS.
- RELOCATE EXISTING CMS CONTROLLER CABINET COMPLETE, SEE NOTE **10**.
- RELOCATED EXISTING CMS CONTROLLER CABINET COMPLETE ON NEW FOUNDATION, SEE SHEET E-69 FOR DETAILS.
- RELOCATE EXISTING CMS EQUIPMENT TO NEW LOCATION AS SHOWN ON PLAN.
- FOR INSTALLATION OF LOOP DETECTOR, CONDUIT, PULL BOX AND ADDITIONAL CONDUCTORS SEE MODIFY CENSUS STATION (LOCATION 0429).
- INSTALL 2-4"C, WITH 2-1/4" INNERDUCT IN THE BRIDGE STRUCTURE, SEE BRIDGE STRUCTURE PLAN.
- COIL 25 FEET OF 6P22 IN No.6 PULL BOX FOR PUMP STATION. SPLICE IN/OUT PAIRS TOGETHER USING A TWISTED PAIR SPLICE CLOSURE.
- INSTALL 2-4" COMMUNICATION SYSTEM CONDUITS IN THE BRIDGE STRUCTURE FOR FUTURE USE, SEE BRIDGE STRUCTURE PLAN.
- JACK RIGID STEEL CONDUIT(S) UNDER ROADWAY, FOR INSTALLATION OF 4" CONDUITS, SEE SHEET E-65 FOR DETAIL.
- INSTALL CONDUIT(S) IN TRENCH IN PAVED SHOULDER. MAINTAIN A MINIMUM DISTANCE OF 4 FEET FROM EDGE OF TRAVELWAY. FOR INSTALLATION OF 4" CONDUITS, SEE SHEET E-64 FOR DETAIL.
- INSTALL CONDUIT(S) IN TRENCH IN SOIL OFF SHOULDER. MAINTAIN A MINIMUM DISTANCE OF 4 FEET FROM EDGE OF TRAVELWAY. FOR INSTALLATION OF 4" CONDUITS, SEE SHEET E-63 FOR DETAIL.
- RELOCATE EXISTING CAMERA, PAN AND TILT UNIT, SEE SHEET E-70 FOR DETAIL.
- COIL 25 FEET OF 6P22 IN No.6 PULL BOX FOR TRAFFIC SIGNAL SPLICE IN/OUT PAIRS TOGETHER USING A TWISTED PAIR SPLICE CLOSURE.
- THIS ITEM IS NOT INCLUDED IN THE QUANTITIES FOR PAYMENT ON THIS SHEET.
- COIL 25 FEET OF 6P22 CABLE IN No.6 PULL BOX FOR IRRIGATION CONTROLLER, SPLICE IN/OUT PAIRS TOGETHER USING A TWISTED PAIR SPLICE CLOSURE.
- BEFORE CUTTING AND REMOVING THE EXISTING CABLES A MINIMUM OF 30 FEET OF SLACK SHALL BE PULLED FOR EACH CABLE TO PROVIDE FOR SPLICING WITH THE NEW CABLES. USE NEW SPLICE CLOSURES.
- FOR CMS WIRING SEE SHEET E-73.

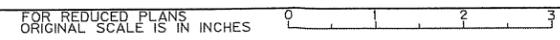
- DISCONNECT EXISTING 6P22 CABLE(S) FROM EXISTING 50P22 CABLE AND SPLICE NEW 6P22 CABLE(S) WITH THE EXISTING AND NEW 50P22 CABLE IN A NEW SPLICE CLOSURE. SEE SHEET E-78 TO IDENTIFY THE TWISTED PAIRS TO BE SPLICED.
- DISCONNECT EXISTING 6P22 CABLE(S) FROM EXISTING 50P22 CABLE AND SPLICE NEW 6P22 CABLE(S) WITH EXISTING 50P22 CABLE IN A NEW SPLICE CLOSURE. SEE SHEET E-78 TO IDENTIFY THE TWISTED PAIRS TO BE SPLICED.
- RECONNECT EXISTING 6P22 CABLE(S) WITH THE EXISTING AND NEW 50P22 CABLE IN NEW SPLICE CLOSURE. SEE SHEET E-78 TO IDENTIFY THE TWISTED PAIRS TO BE SPLICED.
- SPLICE NEW 6P22 CABLE(S) WITH NEW 50P22 CABLE IN A NEW SPLICE CLOSURE. SEE SHEET E-78 TO IDENTIFY THE TWISTED PAIRS TO BE SPLICED.
- INSTALL CABLES IN EXISTING CONDUIT AND CONNECT TO EXISTING FDU AND MDF.
- EXISTING 1 1/2"C, **RC** EXISTING 4#18, INSTALL NEW 4#18.
- BEFORE DISCONNECTING THE EXISTING 6P22 CABLE RECONNECT EXISTING/NEW TELECO DEMARICATION CABLE FOR INTERIM COMMUNICATION WITH TMC, SEE SHEET E-72 FOR DETAIL.
- AFTER INSTALLING THE NEW COMMUNICATION CABLE DISCONNECT TELCO DEMARICATION CABLE AND CONNECT TO NEW 6P22 CABLE, SEE SHEET E-72 FOR DETAILS.
- FOR INSTALLATION OF LOOP DETECTOR, CONDUIT, PULL BOX AND ADDITIONAL CONDUCTORS SEE MODIFY RAMP METERING SYSTEM (LOCATION 0430).
- FOR INSTALLATION OF LOOP DETECTOR, CONDUIT, PULL BOX AND ADDITIONAL CONDUCTORS SEE MODIFY TRAFFIC MONITORING STATION (LOCATION SB291).
- FOR INSTALLATION OF LOOP DETECTOR, CONDUIT, PULL BOX AND ADDITIONAL CONDUCTORS SEE MODIFY RAMP METERING SYSTEM (LOCATION 0795).
- FOR INSTALLATION OF LOOP DETECTOR, CONDUIT, PULL BOX AND ADDITIONAL CONDUCTORS SEE MODIFY RAMP METERING SYSTEM (LOCATION 0431 & 0794).
- FOR INSTALLATION OF LOOP DETECTOR, CONDUIT, PULL BOX AND ADDITIONAL CONDUCTORS SEE MODIFY RAMP METERING SYSTEM (LOCATION 0432).
- FOR INSTALLATION OF LOOP DETECTOR, CONDUIT, PULL BOX AND ADDITIONAL CONDUCTORS SEE MODIFY RAMP METERING SYSTEM (LOCATION 0433).
- INSTALL 2" OR 3" CONDUIT(S) TRENCH IN SOIL.
- FOR INSTALLATION OF CONDUIT AND PULL BOXES, SEE SHEET E-4.
- FOR INSTALLATION OF CONDUIT AND PULL BOXES, SEE SHEET E-3.
- FOR INSTALLATION OF CONDUIT AND PULL BOXES, SEE SHEET E-5.
- INSTALL 2"C IN PAVED SHOULDER, MAINTAIN A MINIMUM DISTANCE OF 4' FROM EDGE OF TRAVEL WAY.

CCTV AND COMMUNICATION SYSTEM (LEGEND AND NOTES)

SCALE: 1"=50'

E-31

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY



JSENAME => \$(_USTN_USERNAME) & BGN FILE => #FILE#

CU 07279

EA 1069U1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN OVERSIGHT
 REFUGIO DOMINGUEZ
 CALCULATED/DESIGNED BY
 CHECKED BY
 DATE REVISD BY
 DATE REVISD BY
 TT
 RMH
 DATE REVISD BY
 DATE REVISD BY

LAST REVISION DATE PLOTTED => DATE \$ 00-00-00 LINE PLOTTED => #TIME \$

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	756	1142

REGISTERED CIVIL ENGINEER 1-24-01
 FONG-PING LEE
 No. C 040869
 Exp. 3/31/03



PLANS APPROVAL DATE
 8-6-01

MTA
 ONE GATEWAY PLAZA
 LOS ANGELES, CA 90012
 FPL and Associates, Inc.
 10 Corporate Park, Ste 310
 Irvine, California 92606

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CONDUCTOR TYPE	FUNCTION	QTY
RG-6A/U	CAMERA VIDEO INTERFACE CABLE	1
9#18 CABLE	PAN/TILT CONTROL CABLE	1
12#8 CABLE	LENS CONTROL CABLE	1

CONDUCTOR TYPE	FUNCTION	RUN														
		1	2	3	4	5	6	7	8	9	10	11				
50P22 CABLE	DATA /PHONE	1														
6P22 CABLE	DATA /PHONE			2	1		1		1	1	2	1				
36SMFO CABLE	DATA /VIDEO	1														
12SMFO CABLE	SH VIDEO		1													
2SMFO CABLE	SH VIDEO				1		1									
SEE TALBE "A"	CCTV WIRING					1E	1E									
#6	POWER						2	2								
	INNERDUCT	1/4"	1/4"		1/4"											
	CONDUIT SIZE	4"	4"	3"	3"	2"	E	E	E	2"	*	2"	2"	2-3"	2"	2"

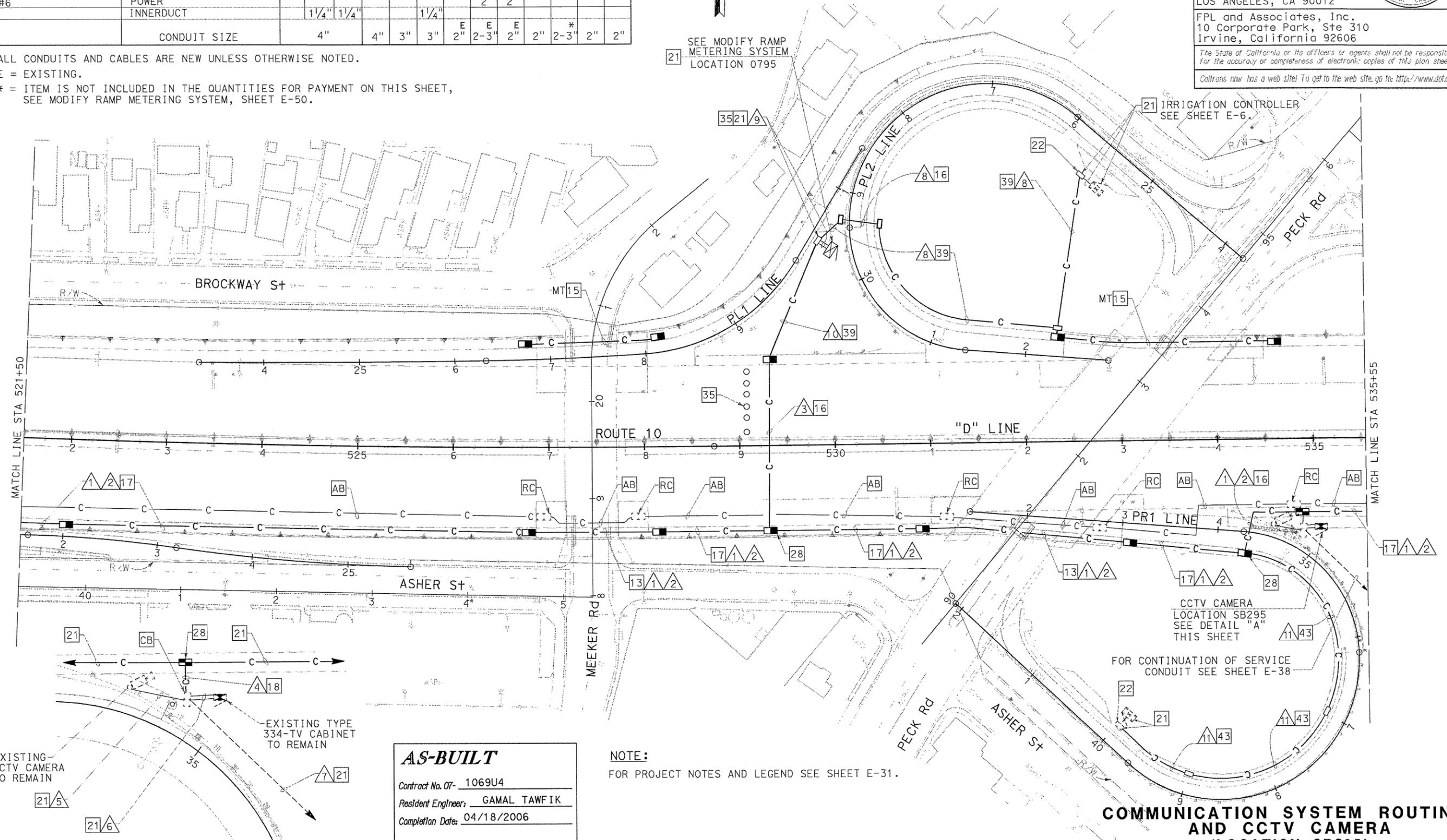
ALL CONDUITS AND CABLES ARE NEW UNLESS OTHERWISE NOTED.
 E = EXISTING.
 * = ITEM IS NOT INCLUDED IN THE QUANTITIES FOR PAYMENT ON THIS SHEET, SEE MODIFY RAMP METERING SYSTEM, SHEET E-50.

21 SEE MODIFY RAMP METERING SYSTEM LOCATION 0795

DATE REVISIONS BY
 9/00
 TT RMH 9/00 DATE REVISD

DESIGN OVERSIGHT
 REFUGIO DOMINGUEZ

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



1 2 17

40 1 2 3 4 5

21 CB 28 21

21/5

21/6

EXISTING TYPE 334-TV CABINET TO REMAIN

EXISTING CCTV CAMERA TO REMAIN

AS-BUILT
 Contract No. 07- 1069U4
 Resident Engineer: GAMAL TAWFIK
 Completion Date: 04/18/2006

NOTE:
 FOR PROJECT NOTES AND LEGEND SEE SHEET E-31.

CCTV CAMERA LOCATION SB295 SEE DETAIL "A" THIS SHEET

FOR CONTINUATION OF SERVICE CONDUIT SEE SHEET E-38

COMMUNICATION SYSTEM ROUTING AND CCTV CAMERA (LOCATION SB295)

SCALE: 1"=50'

E-37

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

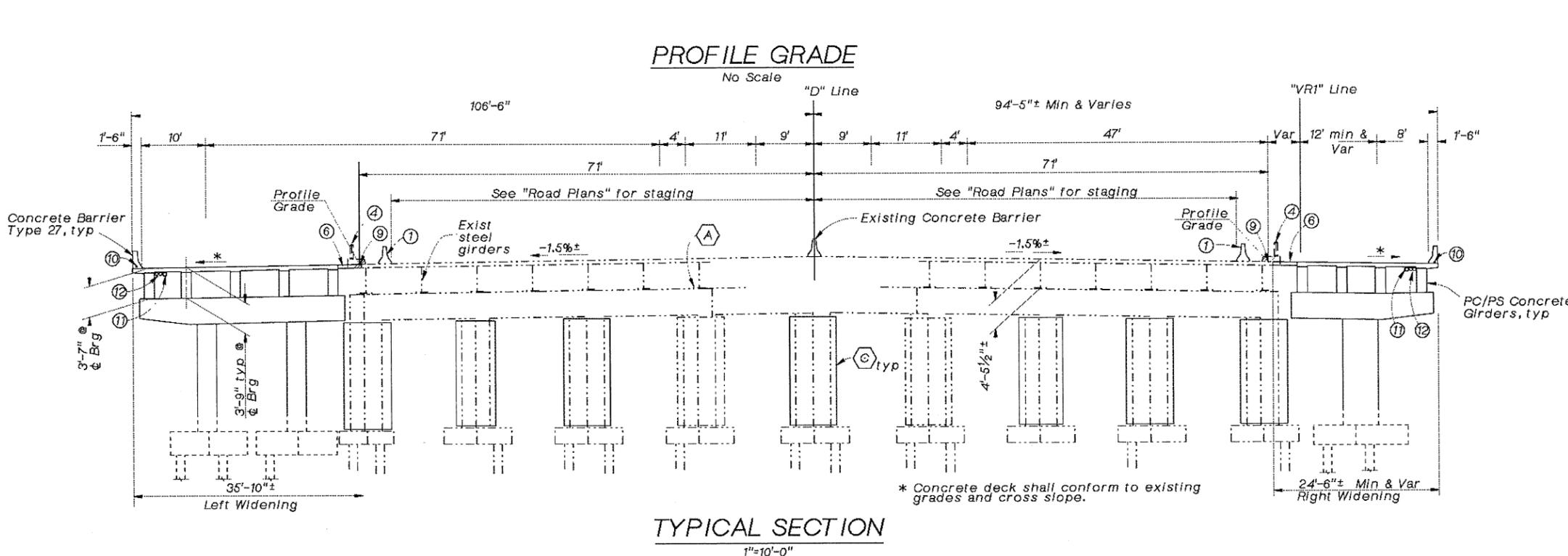
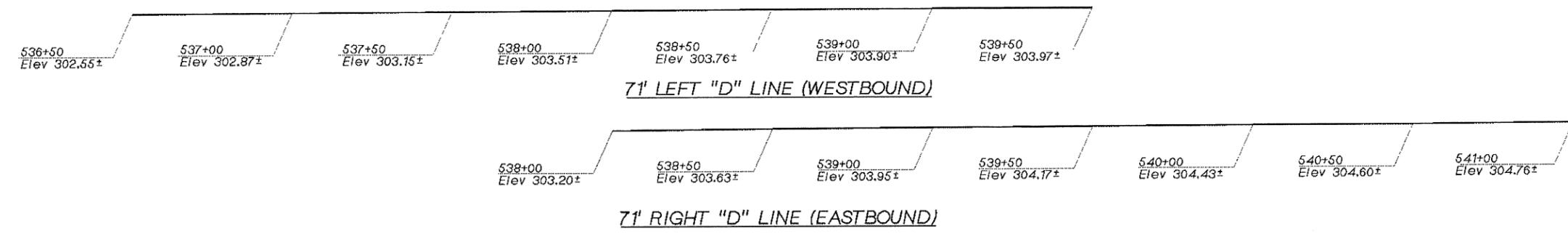
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CU 07279

EA 1069U1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	949	1142

REGISTERED CIVIL ENGINEER
 8-6-01
 PLANS APPROVAL DATE
 MTA
 ONE GATEWAY PLAZA
 LOS ANGELES, CALIFORNIA 90012
 CH2M HILL
 2485 NATOMAS PARK DR, SUITE 600
 SACRAMENTO, CALIFORNIA 95833
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VALLEY BLVD UNDERCROSSING (WIDEN) QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION H	LUMP SUM	
STRUCTURE EXCAVATION (BRIDGE)	1,120	CY
STRUCTURE BACKFILL (BRIDGE)	1,480	CY
AGGREGATE BASE (APPROACH SLAB)	9	CY
FURNISH STEEL PILING (HP 14 X 117)	1,374	LF
DRIVE STEEL PILE (HP 14 X 117)	36	EA
FURNISH PILING (CLASS 45C)	3,180	LF
DRIVE PILE (CLASS 45C)	119	EA
STRUCTURAL CONCRETE, BRIDGE FOOTING	296	CY
STRUCTURAL CONCRETE, BRIDGE	991	CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	158	CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	89	CY
DRILL AND BOND DOWEL	410	LF
DRILL AND BOND DOWEL (EPOXY CARTRIDGE)	358	EA
FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (70'-80')	18	EA
ERECT PRECAST PRESTRESSED CONCRETE GIRDER	18	EA
REFINISH BRIDGE DECK	359	SQFT
CORE CONCRETE (6")	41	LF
JOINT SEAL (TYPE B-MR 1 1/2")	267	LF
JOINT SEAL (TYPE A)	267	LF
BAR REINFORCING STEEL (BRIDGE)	253,200	LB
ASPHALT MEMBRANE WATERPROOFING	360	SQFT
COLUMN CASING	23,600	LB
WORK AREA MONITORING LOCATION H	LUMP SUM	
MISCELLANEOUS METAL	6,740	LB
(RESTRAINER - CABLE TYPE)	LUMP SUM	
MODIFY CABLE RESTRAINER (TYPE A)	LUMP SUM	
MODIFY CABLE RESTRAINER (TYPE B)	LUMP SUM	
CONCRETE BARRIER (TYPE 27)	405	LF

NO AS BUILT CHANGES

BY: Ali El-Zayed
 DATE: 6/1/04

Location	Pile Type	Design Loading	Nominal Resistance		Design Tip Elevations	Specified Tip Elevs
			Compression	Tension		
Abut 1 & Retaining Walls	Class 45C, Alt. X,Y	45 Tons	180 Kips	0 Kips	255(1); 265(3)	255
Bent 2 Lt.	HP 14x117	70 Tons	280 Kips	140 Kips	240(1); 245(2); 263(3)	240
Bent 2 Rt.	HP 14x117	70 Tons	280 Kips	140 Kips	240(1); 245(2); 263(3)	240
Abut 3 & Retaining Walls	Class 45C, Alt. X,Y	45 Tons	180 Kips	0 Kips	255(1); 265(3)	255

Design tip elevation is controlled by the following demands:
 (1) Compression; (2) Tension; (3) Lateral Loads

- Notes:
- Temporary Railing (Type K), see "Road Plans"
 - MBGR, see "Road Plans"
 - Structure Approach Type N(30S), extend to existing WWLLOL
 - Remove Metal Bridge Railing
 - Remove Metal Beam Guard Railing, see "Road Plans"
 - Closure Pour
 - Paint "Bridge No. 53-0660"
 - Paint "Valley Blvd UC"
 - Refinish bridge deck
 - 1/2" Lighting conduit, see "Road Plans"
 - Undercrossing lighting conduit, see "Road Plans"
 - 2-4" Communication conduit, see "Road Plans"
 - Structure Approach Type R(30S), extend from Existing WWLLOL to edge of existing PCC paving

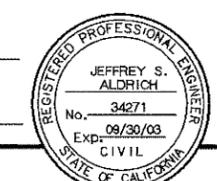
- Legend
- Bridge Removal (Portion)
 - Existing Structure
- Retrofit Legend
- Restrainer cables
 - End diaphragm retrofit
 - Type F Steel Column Casing

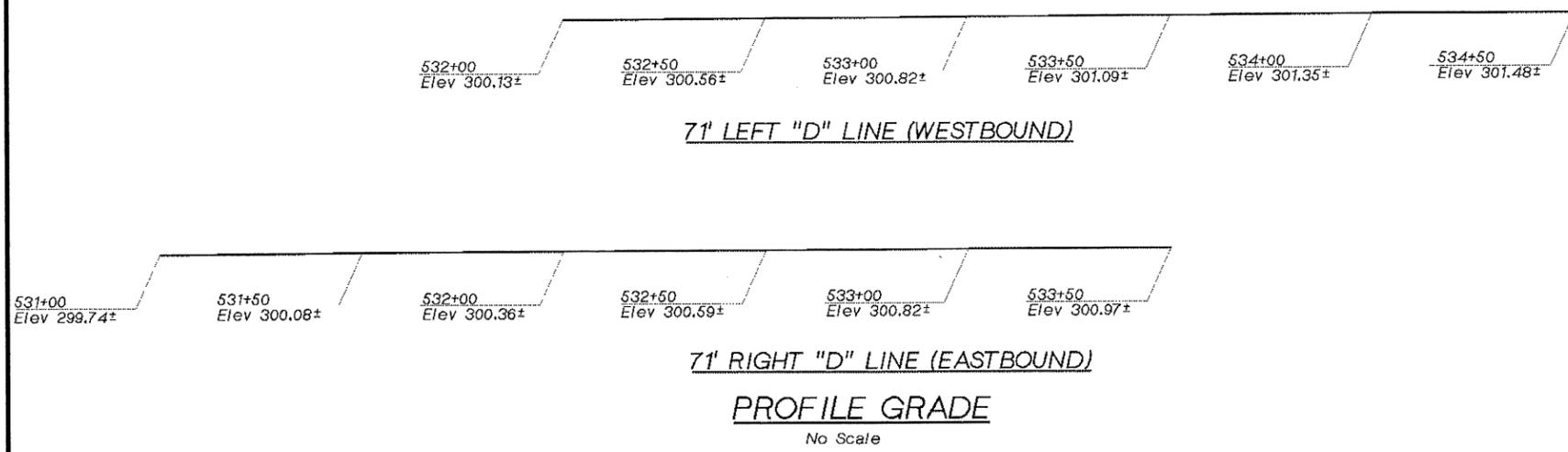
For General Notes, see "Foundation Plan"
 For additional traffic staging, see "Road Plans"

Contractor shall verify all controlling field dimensions before ordering or fabricating any material

 DESIGN OVERSIGHT 2/1/01 SIGNOFF DATE	DESIGN	BY J. ALDRICH	CHECKED M. GRIGGS/M. NEGRETE	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	53-0660		
	DETAILS	BY K. JOHNSON	CHECKED M. GRIGGS	LAYOUT	BY J. ALDRICH		CHECKED M. GRIGGS	POST MILE	29.65	
VAL_GP2.DLV	QUANTITIES	BY J. EPP	CHECKED M. BRADY	SPECIFICATIONS	BY D. FREDERICKS	CHECKED M. BRADY	CU 07279 EA 1069U1	SEISMIC RETROFIT VALLEY BOULEVARD UC (WIDEN) GENERAL PLAN NO. 2		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS							0 1 2 3	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 28-FEB-2001	SHEET 2 OF 29

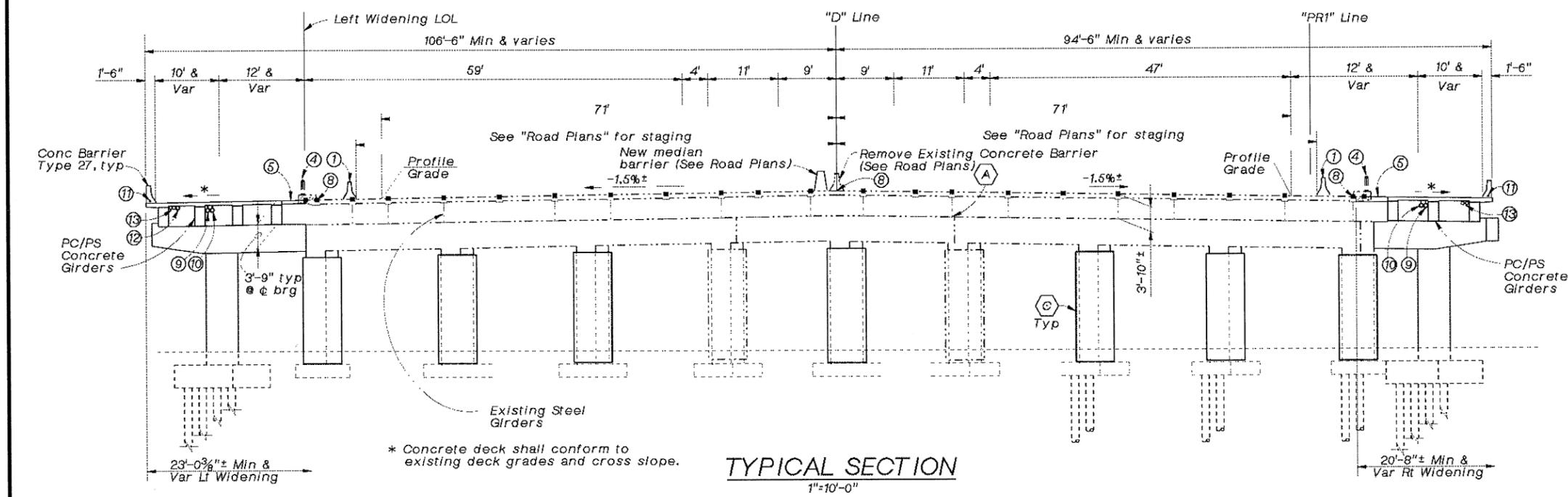
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	920	1142

 REGISTERED CIVIL ENGINEER		
8-6-01 PLANS APPROVAL DATE		
MTA ONE GATEWAY PLAZA LOS ANGELES, CALIFORNIA 90012		
CH2M HILL 2485 NATOMAS PARK DR, SUITE 600 SACRAMENTO, CALIFORNIA 95833		
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NO AS BUILT CHANGES

BY: Ali El-Zayad
DATE: 6/1/04



- Notes:**
- Temporary Railing (Type K), see "Road Plans"
 - Structure Approach Type N(30S), extend to existing WWL
 - Remove Metal Beam Guard Railing, see "Road Plans"
 - Remove Metal Bridge Railing
 - Closure Pour
 - Paint "Bridge No. 53-0661"
 - Paint "Peck Road UC"
 - Refinish bridge deck
 - 3" Water Supply Line (Bridge), see "Road Plans"
 - 2" Sprinkler Control Conduit, see "Road Plans"
 - 1/2" Lighting conduit, see "Road Plans"
 - Undercrossing lighting conduit, see "Road Plans"
 - 2-4" Communication conduit, see "Road Plans"
 - Structure Approach Type R(30S), extend from Existing WWL to edge of existing PCC paving

- Legend**
- Bridge Removal (Portion)
 - Existing Structure

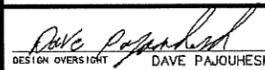
- Retrofit Legend**
- Restrainer cables
 - End diaphragm retrofit
 - Type F Steel Column Casing

For General Notes, see "Foundation Plan"
For additional traffic staging, see "Road Plans"

PILE DATA TABLE						
Location	Pile Type	Design Loading	Nominal Resistance		Design Tip Elevations	Specified Tip Elevs
			Compression	Tension		
Abut 1 & Retaining Walls	Class 45, Alt. X,Y	45 Tons	180 Kips	0	250(1); 262(3)	250
Bent 2	HP 14x89	70 Tons	280 Kips	140 Kips	238(1); 243(2); 257(3)	238
Abut 3 & Retaining Walls	Class 45, Alt. X,Y	45 Tons	180 Kips	0	250(1); 262(3)	250

Design tip elevation is controlled by the following demands:
(1) Compression; (2) Tension; (3) Lateral Loads

Contractor shall verify all controlling field dimensions before ordering or fabricating any material

 DESIGN OVERSIGHT DAVE PAJOUHESH 2/1/01 SIGNOFF DATE dech_gp2.dwg	DESIGN	BY J. ALDRICH	CHECKED D. FREDERICKS/M. NEGRETE	LOAD FACTOR DESIGN	LIVE LOADING* HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	53-0661	
	DETAILS	BY K. JOHNSON/S. LEONG	CHECKED S. THOMAN/M. GRIGGS	LAYOUT	BY J. ALDRICH		CHECKED D. FREDERICKS/M. GRIGGS	POST MILE	29.43
	QUANTITIES	BY J. EPP	CHECKED M. BRADY	SPECIFICATIONS	BY D. FREDERICKS		CHECKED M. BRADY	PLANS AND SPECS COMPARED	CU 07279 EA 1069U1
	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS						0 1 2 3	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)

SEISMIC RETROFIT	
PECK ROAD UC (WIDEN)	
GENERAL PLAN NO. 2	
SHEET	OF
2	29