

INFORMATION HANDOUT

For Contract No. 07-2W6604

At 07-LA-10-PM 26.8/30.8

Identified by

Project ID 0713000449

ENCROACHMENT PERMITS

City of El Monte Encroachment and Construction Permit Application

Sample of Certificate of Liability Insurance

MATERIALS INFORMATION

Asbestos Containing Materials Survey Report

AS-BUILTS

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 \$13,200.

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

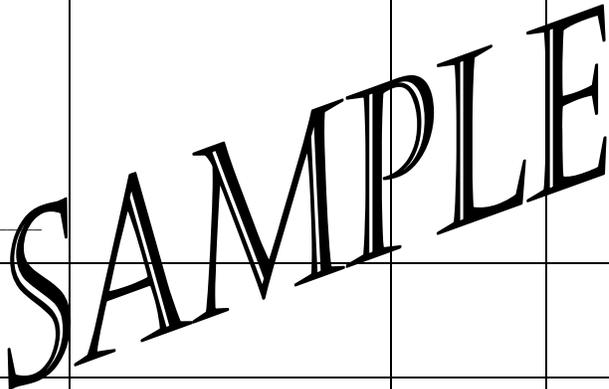
INSURED

- 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 <hr/> 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 <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				COMBINED SINGLE LIMIT (Ea accident)	\$
					BODILY INJURY (Per person)	\$
					BODILY INJURY (Per accident)	\$
					PROPERTY DAMAGE (Per accident)	\$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT	\$
					OTHER THAN AUTO ONLY	EA ACC AGG \$
	EXCESS LIABILITY <input type="checkbox"/> OCCUR. <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE	\$
					AGGREGATE	\$
						\$
						\$
	WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY				<input type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER	
					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**



**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

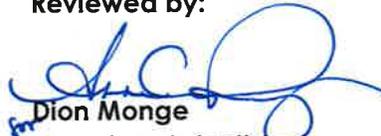
**SUBMITTED TO:
CALIFORNIA DEPARTMENT OF
TRANSPORTATION, DISTRICT 7 SOUTH
100 SOUTH MAIN STREET
LOS ANGELES, CALIFORNIA 90012**

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

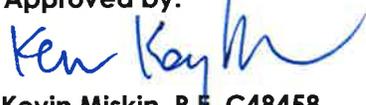
Prepared by:


**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	L AFC 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 OF CONTENTS

1.0 INTRODUCTION1-1

1.1 PROJECT DESCRIPTION 1-1

1.2 SITE DESCRIPTION 1-1

1.3 OBJECTIVES 1-2

1.4 FORMER REPORT REVIEW 1-3

2.0 ASBESTOS BACKGROUND2-1

2.1 ASBESTOS2-1

2.2 CURRENT REGULATIONS2-1

2.2.1 US EPA National Emission Standard for Hazardous Air Pollutants (NESHAPs), 40 CFR Part 612-1

2.2.2 South Coast Air Quality Management District2-2

2.2.3 California Division of Occupational Safety and Health (DOSH a.k.a. Cal/OSHA)2-2

2.2.4 California Assembly Bill AB3713, Health and Safety Code Div. 20, Ch. 10.4, Sec. 25915-259242-3

2.3 HAZARDOUS WASTE.....2-3

3.0 ACM SURVEY SCOPE OF WORK AND METHODOLOGY3-1

3.1 VISUAL INSPECTION3-1

3.2 BULK SAMPLING FOR ASBESTOS3-1

3.3 ASBESTOS LABORATORY TESTING3-2

4.0 ACM SURVEY RESULTS.....4-1

4.1 ASBESTOS HAZARD ASSESSMENT4-1

4.2 ASBESTOS RECOMMENDATIONS4-2

5.0 REPORT LIMITATIONS.....5-4

6.0 REFERENCES.....6-1

7.0 PREPARERS.....7-1

LIST OF FIGURES

Figure 1 – Site Location Map
Figure 2 through 15 – Site Plans

LIST OF TABLES

Table 1 – Asbestos Bulk Sample Logs and Analytical Results

LIST OF APPENDICES

Appendix A – Photographic Record
Appendix B – Personnel Certifications and Laboratory Accreditations
Appendix C – Analytical Laboratory Reports and Chain-of-Custody Records

LIST OF ACRONYMS

ACM –	Asbestos-Containing Material
ACCM –	Asbestos-Containing Construction Material
ASHERA –	Asbestos Hazard Emergency Response Act
Caltrans –	California Department of Transportation, District 8
CCR –	California Code of Regulations
CFR –	Code of Federal Regulations
DOSH –	California Division of Occupational Safety and Health Administration
DTSC –	Department of Toxic Substances Control
ELAP –	Environmental Laboratory Accreditation Program
EMC –	Environmental Management Consultant
ND –	None Detected
NESHAP –	National Emission Standard for Hazardous Air Pollutants
NVLAP –	National Voluntary Laboratory Accreditation Program
PLM –	Polarized Light Microcopy
QA/QC –	Quality Assurance/Quality Control
RACM –	Regulated Asbestos-Containing Material
SCAQMD –	South Coast Air Quality Management District
TSI –	Thermal System Insulation
US EPA –	United States Environmental Protection Agency

1.0 INTRODUCTION

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.

1.1 PROJECT DESCRIPTION

As part of proposed highway plans, Caltrans is planning to conduct preservation and maintenance work on the existing bridges. An ACM survey was conducted to support bridge preservation efforts.

1.2 SITE DESCRIPTION

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(1)	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	Concrete box	16.5	64.0	1956	2004

POST MILE	BRIDGE NUMBER(1)	BRIDGE NAME	STRUCTURE TYPE	LENGTH (meters)	WIDTH (meters)	YEAR BUILT	YEAR WIDENED
		UC	beam or girders – multiple				
29.43	53-0661	Peck Road	Steel stringer/multi-beam or girder	43.0	60.4	1956	2004
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

A photographic log of structural components and current Site conditions is provided in Appendix A.

1.3 OBJECTIVES

The objectives of the surveys were to identify, estimate quantities, and assess the condition/friability of asbestos in suspect structural components and to make general recommendations for handling and disposing of ACMs. These objectives were met by completing the following tasks:

- Perform a visual inspection and destructive sampling for asbestos following criteria outlined in the Asbestos Hazard Emergency Response Act (AHERA) to identify sources of friable and non-friable ACMs.
- Collect bulk samples of suspect asbestos-containing materials.

- Submit bulk samples to a certified laboratory for analysis.
- Compile the findings into a report.
- Ensure the technical quality of all work by using AHERA-accredited Inspectors and Management Planners, Certified Consultants, and a proven Quality Assurance/Quality Control (QA/QC) Program.

1.4 FORMER REPORT REVIEW

No former ACM survey reports were provided for review.

2.0 ASBESTOS BACKGROUND

2.1 ASBESTOS

Asbestos is the name of a class of magnesium-silicate minerals that occur in fibrous form. Minerals that are included in this group are chrysotile, crocidolite, amosite, anthophyllite asbestos, tremolite asbestos, and actinolite asbestos. Although the chrysotile minerals are the most common type of asbestos found in the construction industry, all types of asbestos are regulated in the same manner. Asbestos has been used in thousands of different structural materials. Asbestos was added to structural materials to: increase fire-resistance, insulate against heat, cold and sound, resist corrosion, and increase tensile strength. Common structural materials that may contain asbestos include, but are not limited to the following: floor tile, floor sheeting, ceiling tile, mastics, roofing materials, fireproofing, acoustical treatments, gypsum board, pipe and boiler insulations. Adverse health effects have been associated with the inhalation of airborne asbestos. However, asbestos fibers that are tightly bound in structural materials, may not pose an exposure hazard, unless disturbed in such a way that releases airborne fibers (i.e., cutting, drilling, sanding, and other abrasive methods).

2.2 CURRENT REGULATIONS

The following sections summarize current state and federal regulations which contain requirements related to the performance of structural surveys for asbestos. These summaries are not intended to be all inclusive and do not contain every aspect of the regulations discussed. Regulations pertaining to the removal and disposal of ACMs are not included.

2.2.1 US EPA National Emission Standard for Hazardous Air Pollutants (NESHAPs), 40 CFR Part 61

Under the NESHAPs regulation, no visible emissions are allowed during facility demolition or renovation activities, which involve regulated asbestos-containing materials (RACMs). For this reason, all facilities must be surveyed for asbestos-containing materials prior to demolition or renovation. The EPA, and/or the local AQMD which has delegated authority from the EPA NESHAP, must be notified prior to any structural demolition, even if no asbestos-containing materials are present. Assessments are made by the inspector as to the condition of each material and whether or not the materials are "friable." The US EPA NESHAP regulation defines "friable" materials as:

*Materials that, when dry, **can** be crumbled, pulverized or reduced to a powder using hand pressure.*

Conversely, a non-friable material **cannot**, when dry, be crumbled, pulverized or reduced to a powder. NESHAP classifies non friable ACMs in two categories:

- Category I – asbestos-containing packings, gaskets, asphalt roofing products and resilient floor coverings;
- Category II – All remaining types of non-friable ACM not included in Category I that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.

RACM is classified as any manufactured material that contains greater than one percent asbestos by dry weight and is friable. Disturbed RACM must be disposed as hazardous waste. Category I and II non-friable ACM may be considered RACM under the following conditions:

- Category I material that has become friable;
- Category I material that has been subjected to sanding, grinding, cutting or abrading;
- Category II material that has a high probability of being crumbled, pulverized, or reduced to powder as part of demolition or renovation

RACMs must be removed prior to renovation or demolition.

2.2.2 South Coast Air Quality Management District

SCAQMD regulates sources of air pollution within the area of the 15 Bridges. The District's regulating and enforcement authority comes from state law and, in certain cases, federal law. In response to the NESHAP requirements, SCAQMD implemented procedures that pertain to demolition/renovation activities including the removal and associated disturbance of ACMs. These requirements for demolition and renovation activities include notification, ACM removal procedures, time schedules, ACM handling and cleanup procedures, storage, disposal, and landfill requirements for asbestos-containing waste materials. These procedures are applicable to owners and operators of any demolition or renovation activity and associated disturbance of ACMs. Failure to comply could result in violations that carry daily penalties (penalties assessment is based upon the size of the project and severity of noncompliance).

2.2.3 California Division of Occupational Safety and Health (DOSH a.k.a. Cal/OSHA)

Pursuant to DOSH standard 1529, an asbestos-containing material is any material containing greater than one percent (>1%) asbestos. However, for worker classifications, DOSH follows the California Health and Safety Code definition of ACCMs which are defined as any materials with an asbestos content greater than one-tenth of one percent (>0.1%). The DOSH set forth licensing and work requirements for disturbance of ACMs and ACCMs. The requirements have been divided into four classes of work: Class I, Class II, Class III, and Class IV work. The materials are distinguished by their potential to release fibers when damaged. The DOSH prescribes specific engineering controls and work practices for each Class of work.

- Class I – This Class refers to removal of ACMs identified as Thermal System Insulation (TSI) or surfacing (sprayed-on or troweled-on) materials. These materials are generally considered friable.
- Class II – This Class refers to removal of ACMs identified that are not TSI or surfacing materials. These materials are generally considered non-friable.
- Class III – This Class refers to repair and maintenance operations of all identified ACMs.
- Class IV – This Class refers to incidental contact with identified ACMs such as custodial staff.

2.2.4 California Assembly Bill AB3713, Health and Safety Code Div. 20, Ch. 10.4, Sec. 25915-25924

The state of California has enacted legislation that requires owners, employers, lessees, etc. to notify tenants, employees and contractors of the presence of asbestos in both friable and non-friable forms. In addition, preventive maintenance activities must be developed and communicated to these parties. Notification is required 15 days after the identification of ACM in the building, and annually thereafter.

2.3 HAZARDOUS WASTE

The California Department of Toxic Substances Control (DTSC), a department of Cal EPA, has the regulatory and enforcement authority for hazardous wastes deposited or transported in California. DTSC regulates as "hazardous wastes" generated wastes containing more than one percent (>1%) asbestos that have been determined to be "friable." DTSC uses the same methods for determining percentage of asbestos and friability, as does the U.S. EPA. However, local agencies and DOSH may regulate waste handling and packaging even if the material contains one percent or less or is determined to be non-friable.

3.0 ACM SURVEY SCOPE OF WORK AND METHODOLOGY

The project team comprised the following Stantec staff: Mr. Jason Stagno, Associate Scientist and State of California Division of Occupational Safety and Health (DOSH) Certified Asbestos Consultant (CAC #12-4949), Mr. Scott Edblad, Associate Scientist and DOSH Certified Site Surveillance Technician (CSST #13-5159), and Mr. Dion Monge, Associate Scientist with Stantec, and Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) Accredited Building Inspector. Qualifications are presented in Appendix B. Personnel Certifications are presented in Appendix B.

The ACM survey field activities consisted of a visual inspection and sampling of existing representative building materials to identify potential ACMs. Reasonable efforts were made to locate, sample, and/or identify suspect ACMs associated with the structures; however, during renovation/demolition activities, suspect ACMs may be uncovered or discovered in areas that were not readily accessible during this survey. If any suspect ACMs are uncovered or discovered, these suspect ACMs are assumed positive for asbestos until sampling and analysis indicates otherwise.

3.1 VISUAL INSPECTION

On May 29 and 30, and June 9 and 10, 2014, structural materials were visually inspected for asbestos using the methods presented in applicable sections of the Federal Asbestos Hazard Emergency Response Act (AHERA) regulations (40 CFR, Part 763). The principles presented under AHERA are generally accepted as the industry standard for ACM inspections. Suspect ACMs were also physically assessed for friability, condition, and disturbance factors.

Reasonable efforts were made to locate and sample materials representative of the entire Site. Access and sampling were limited to non-traffic portions of the bridge near the abutments. Lifts, ladders and lane closures were not used to gain access to the underside of bridge decks, structural components along shoulders and lanes, or other structural components. Therefore, Stantec did not attempt to access concealed materials or materials that were inaccessible due to safety considerations. These include, but are not limited to, deck reflector adhesives and particle boards at abutments within traffic lanes, and weep holes on the undersides of the bridge decks. For any structure, the existence of unique or concealed ACM is a possibility. It is common practice to collect additional bulk samples during actual abatement or demolition activities when inaccessible or hidden suspect ACMs are discovered.

3.2 BULK SAMPLING FOR ASBESTOS

On May 29 and 30, and June 9 and 10, 2014, bulk samples of visually identified homogeneous areas of suspect ACM were collected from areas that may be

impacted by renovation/demolition activities. The EPA defines a homogeneous area as a surfacing material, thermal system insulation, or miscellaneous material that is uniform in color and texture. The use or application of the homogeneous area is also used to identify suspect ACMs.

At least one sample was collected from each suspect ACM. The samples were collected by removing representative pieces of material using a hand tool and placing the samples into plastic bags. The sample bags were sealed and labeled with unique sample identification (ID) numbers, along with other pertinent information including the project ID, sample date, and material type.

No attempt was made to replace or repair the sampled media. The removal of small pieces of building materials does not typically compromise structural integrity. All sampling equipment was decontaminated prior to sampling each suspect material by using wet-wipes to wipe down each tool.

The materials sampled for this investigation are listed in Section 4.0.

3.3 ASBESTOS LABORATORY TESTING

Bulk samples were analyzed by EMC Analytical Laboratories located at 9830 S. 51st Street, Suite B109, Phoenix, Arizona (EMC phone: 800-362-3373). EMC is accredited under the National Institute of Standards and Technology's National Voluntary Laboratory Accreditation Program (NVLAP), and the State of Arizona and California Department of Health Services Environmental Laboratory Accreditation Program (ELAP) for the analysis of asbestos in bulk building material samples. Laboratory accreditations are provided in Appendix B.

All samples were analyzed by Polarized Light Microscopy (PLM) in accordance with the EPA "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R93/116, July 1993). Both the US EPA, under their asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations, and the SCAQMD define and regulate ACMs containing more than one percent (>1%) asbestos. In California, asbestos exposure during construction is regulated when construction, alteration, repair, maintenance, or renovation of structures, substrates, or portions thereof contain asbestos [§1529 (a)(1)(C)]. Additionally, materials containing greater than one-tenth of one percent (> 0.1%) are regulated as Asbestos-Containing Construction Materials (ACCMs). For the purpose of this report, materials with any detectable concentration of asbestos are considered positive.

When "None Detected" (ND) appears in this report, it should be interpreted as meaning no asbestos was observed in the sample material above the reliable limit of detection for the PLM method which is material dependent and is less than one percent.

Copies of the laboratory reports are provided in Appendix C.

4.0 ACM SURVEY RESULTS

Bulk material samples were collected from accessible, representative homogeneous bridge materials and analyzed by PLM. Copies of the laboratory reports are provided in Appendix C and a summary of the analytical results is provided in Table 1 of the appendices. The sample locations are shown on the attached Figures and photographs of sampled media are provided in Appendix A.

The sampled materials included:

- Concrete,
- Asphalt,
- Concrete block,
- Mortar,
- Felt,
- Reflector mastic,
- Sealant,
- Particle Board, and
- Weep hole piping.

Of the materials submitted for analysis, only the black piping lining the weep holes, collected from bridge number 53-1032 (Garvey Avenue Off-Ramp UC Bridge), tested positive for asbestos. All other materials collected and analyzed from each bridge were reported as non-detect for asbestos.

Materials that contain greater than one-percent asbestos are described below.

Garvey Avenue Off-Ramp UC (See Figure 14; Table 1)

- **Black Piping in Weep Holes**
 - Three samples representing an unknown quantity of piping contain asbestos.
 - In the current state, considered to be Category I non-friable ACM. However, during renovation/demolition the piping may become friable.

4.1 ASBESTOS HAZARD ASSESSMENT

The hazard assessment is based upon the physical assessment of ACMs for condition of the material and potential disturbance. The physical assessment usually includes the following considerations:

- Location and amount of material.

- Condition of the material which includes damage; the severity of the damage; the extent of the damage over large areas.
- Whether the material is accessible.
- Potential for future disturbance or future damage (air erosion, vibration, water).

The following table includes identified ACMs at the Site and the hazard ranking for each identified material.

ACM HAZARD ASSESSMENT							
Material Description	S/T/M*	Material Location	F/NF**	Condition Code***	Accessibility	Potential for Disturbance	Quantity on Each Bridge
Garvey Avenue Off-Ramp UC (53-1032)							
Black Piping at weep holes	M	Vertical Walls Beneath Bridge	NF	Good	High	HIGH (Removal, Demolition, Maintenance)	Unknown

NOTES:

* **S** = Surface Material; **T** = Thermal System Insulation; **M** = Miscellaneous Material

** **F** = Friable; **NF** = Non-Friable

*** **G**ood = < 5% Damage; **D**amage = 5-25% local or 10% General Damage; **S**ignificant **D**amage = 25% local or >10% General Damage

The quantity of ACM piping cannot be estimated without historical as-built bridge plans. The potential for disturbance of the ACM piping at the Garvey Off-Ramp UC bridge is likely if bridge renovation and maintenance activities are conducted in the vicinity of the weep holes.

4.2 ASBESTOS RECOMMENDATIONS

The black piping associated with the weep holes of the Garvey Off-Ramp UC Bridge appeared to be in good condition at the time of the survey, however, if the piping is disturbed during construction activities, it 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.

Please note that the asbestos survey was limited to accessible materials only, due to safety precautions, height restrictions, inability to close lanes or the material being fully concealed within the bridge. If maintenance, demolition and renovation construction activities on the Garvey Off-Ramp UC Bridge include removal or disturbance of inaccessible materials that were not tested or on-site portions of underground utilities, asbestos sampling and analysis of these components must be performed prior to disturbance. If during the course of the renovation project suspect ACMs are discovered that were not identified and sampled as part of this study, such materials

are to be assumed positive for asbestos unless additional sampling, analysis and/or assessment indicates otherwise. Asbestos abatement work should be performed in accordance with California Code of Regulations (CCR), Title 8, Section 1529 (Asbestos in Construction Standard). Submission of this report will be required for compliance with the NESHAP in accordance with SCAQMD Rule 1403.

Recommendations are provided below to address ACMs disturbed during construction.

- 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).
 - Friable asbestos requires special packaging and transportation by a DTSC registered hazardous waste transporter.
 - Segregation and disposal at a landfill permitted to accept hazardous RACM 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.

5.0 REPORT LIMITATIONS

Reasonable efforts have been made to locate, sample, and/or identify suspect ACMs with the bridges included in this project. However, Stantec did not attempt to access concealed materials or materials that were inaccessible due to safety considerations or height restrictions. These include, but are not limited to, deck reflector adhesives, particle boards at abutments, and weep holes at the undersides of bridges. For any structure, the existence of unique or concealed materials and debris is a possibility. In addition, sampling and laboratory analysis constraints typically hinder the investigation. Stantec does not warrant, guarantee or profess to have the ability to locate or identify all hazardous materials in a structure. The survey did not include underground utilities. Historically, some underground utility piping (e.g., Transite pipe) have been known to contain asbestos. If renovation or demolition of the bridges includes removal of on-site portions of underground utilities, evaluation of the asbestos content of these components must be performed prior to the removal process. Suspect materials identified in these locations are assumed positive for asbestos until inspection, sampling and analysis indicates otherwise. Stantec cannot warrant the effectiveness or damage thereof, at any of the patches or temporary repairs performed at sampling locations (concrete, asphalt, drains, shims, etc.). This report is intended for use in planning and construction in accordance with the scope of the Task Order. If during the course of a renovation/demolition project suspect ACMs are discovered that are not included within this report, such materials should be treated accordingly until additional sampling, analysis and/or assessment can be performed.

Additionally, the passage of time may result in a change in the environmental characteristics at the bridges included in this project. This report does not warrant against future operations or conditions that could affect the recommendations made. The results, findings, conclusions and recommendations expressed in this report are based only on conditions that were observed during the survey of the Hoff Wash Bridges and test results provided by EMC. These observations are time dependent, are subject to changing Site conditions, and revisions to federal, state, and local regulations. Reliance on this report by Third Parties (i.e., other than Caltrans) shall be at the Third Party's sole risk.

6.0 REFERENCES

California Department of Transportation (Caltrans), 2014. *California Log of Bridges on State Highways, District 7*, dated April 2014.

South Coast Air Quality Management District (SCAQMD), Rule 1403.

National Emission Standard for Hazardous Air Pollutants (NESHAP), regulation 40 CFR Part 61.

The California Health and Safety Code 25915 (former Connelly Bill).

Asbestos Hazard Emergency Response Act (AHERA)

Division of Occupational Safety and Health (DOSH), 8 CCR Section 1529

7.0 PREPARERS

This asbestos-containing materials (ACM) survey report has been prepared under the direction of the following environmental professionals:

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If you have any questions or comments regarding the information enclosed herein, please contact the undersigned at your convenience.

Respectfully submitted,
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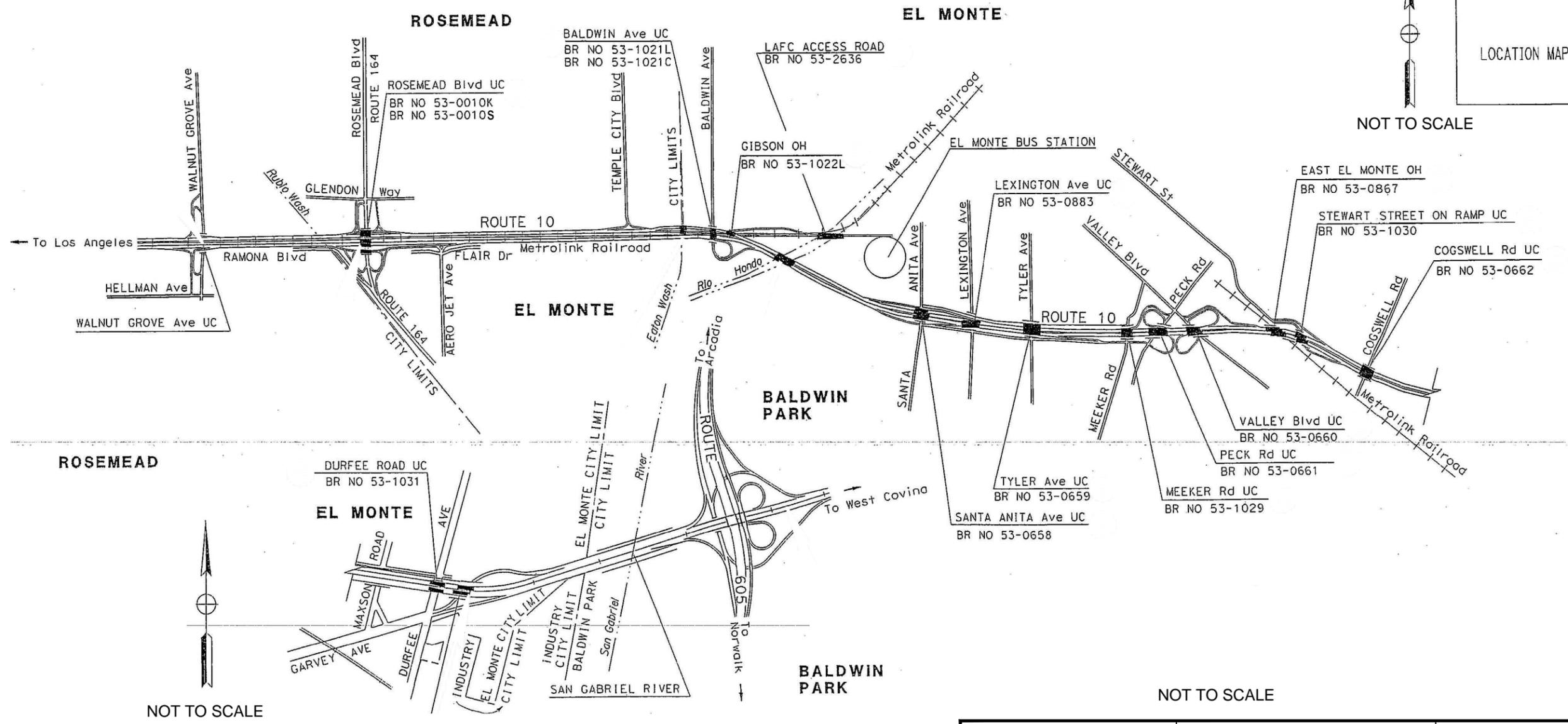
FIGURES

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY
 IN LOS ANGELES COUNTY
 IN ROSEMEAD, EL MONTE AND BALDWIN PARK
 FROM ROUTE 10/164 SEPARATION
 TO GARVEY AVENUE OFF RAMP UNDERCROSSING

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	26.8/30.8	1	XX



NOT TO SCALE



NOT TO SCALE

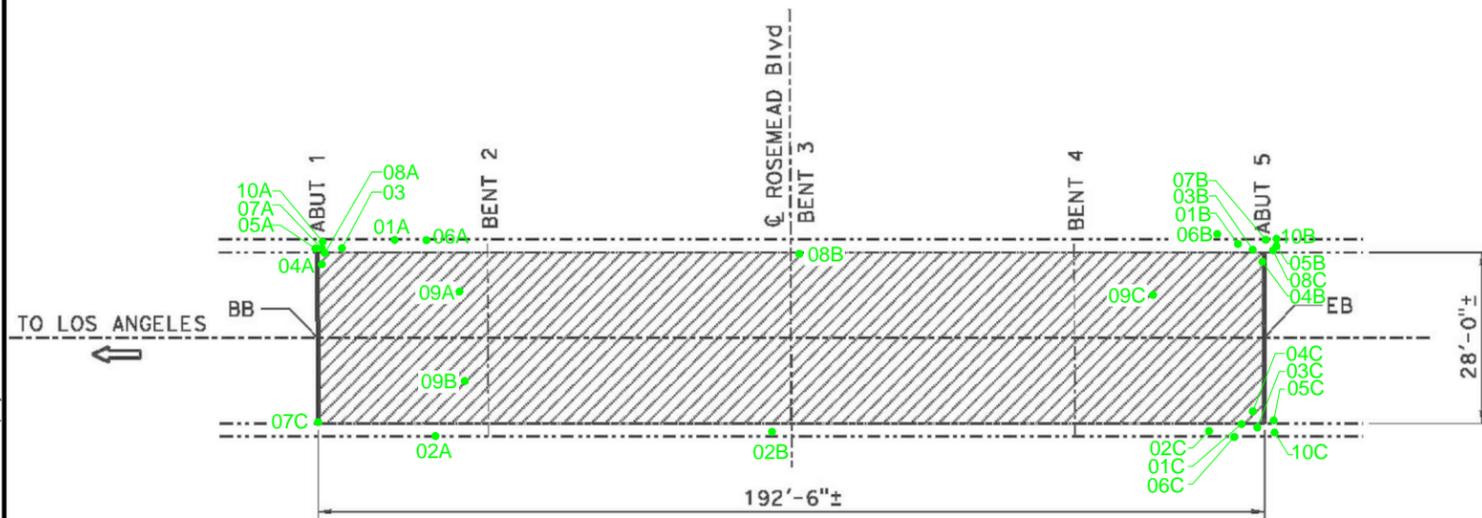
NOT TO SCALE

FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 1. SITE LOCATION MAP_06-23-2014.dwg(sequinaldo)Jun 24, 2014 at 14:44\Layout: 11X17

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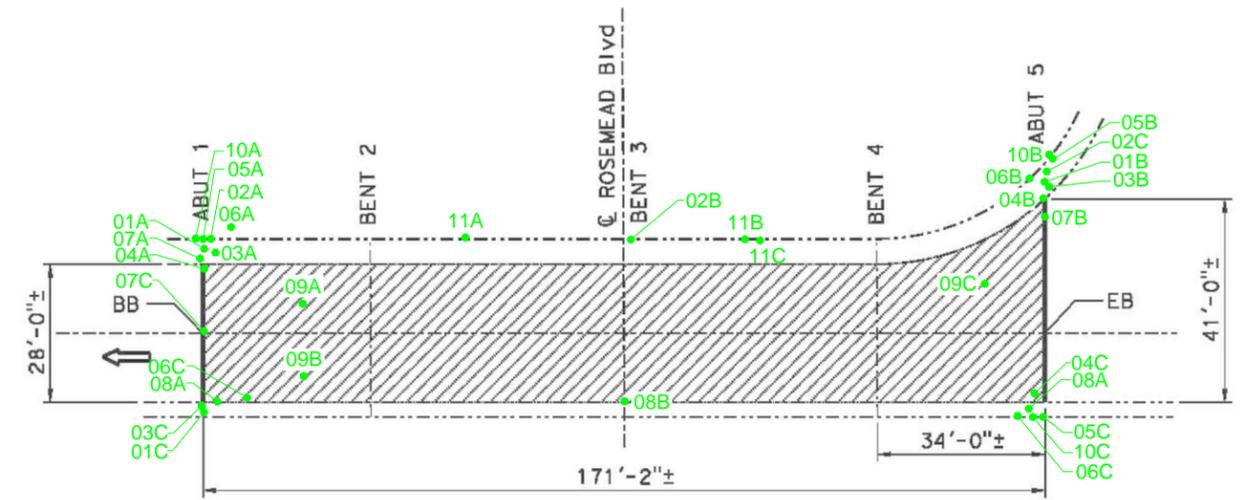
<p>25864-F BUSINESS CENTER DRIVE REDLANDS, CALIFORNIA 92374 PHONE: (909) 335-6116 FAX: (909) 556-6516</p>	State of California Department of Transportation Asbestos Survey State Route 10 Bridge Preservation-Maintenance, 07-LA-10 PM26.8/30.8 Project ID: 07-0713000449, EA 2W6601		FIGURE: <h1>1</h1>	
	JOB NUMBER: 185831010	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: AP

FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg | saguinaldo | Jun 24, 2014 at 17:14 | Layout: ROSEMEAD



ROUTE 10/164 SEPARATION

Br No. 53-0010S, Rte 10, PM 26.84
NO SCALE



ROUTE 10/164 COLLECTOR SEPARATION

Br No. 53-0010K, Rte 10, PM 26.84
NO SCALE

LEGEND:

- Indicates existing.
- Indicates direction of traffic.
- ▨ Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.
- /— Indicates location of clean expansion joint and placement of new joint seal. Prior to placement of new joint seal, repair joint by removing unsound concrete and placing rapid setting concrete (patch) as directed by the Engineer.

KEY:

- SAMPLE LOCATION
- 01 GUARDRAIL
- 02 DECK PATCH NEAR GUARDRAIL
- 03 DECK (THROUGHOUT)
- 04 ASPHALT
- 05 FELT
- 06 TEXTURED CONCRETE ON GUARDRAILS (OUTER SIDE OF BRIDGE)
- 07 MAT AT ABUTMENT
- 08 DECK REFLECTOR ADHESIVE
- 09 PIPE - WEEP HOLE
- 10 PARTICLE BOARD AT ABUTMENT

KEY:

- SAMPLE LOCATION
- 01 GUARDRAIL
- 02 DECK PATCH NEAR GUARDRAIL
- 03 DECK (THROUGHOUT)
- 04 DECK AT ABUTMENT
- 05 FELT
- 06 TEXTURED CONCRETE ON GUARDRAILS (OUTER SIDE OF BRIDGE)
- 07 MAT AT ABUTMENT
- 08 DECK REFLECTOR ADHESIVE
- 09 PIPE - WEEP HOLE
- 10 PARTICLE BOARD AT ABUTMENT
- 11 SEALANT ON GUARDRAIL

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State of California Department of Transportation
Asbestos Survey
State Route 10 Bridge Preservation-Maintenance,
07-LA-10
PM26.8/30.8
Project ID: 07-0713000449, EA 2W6601

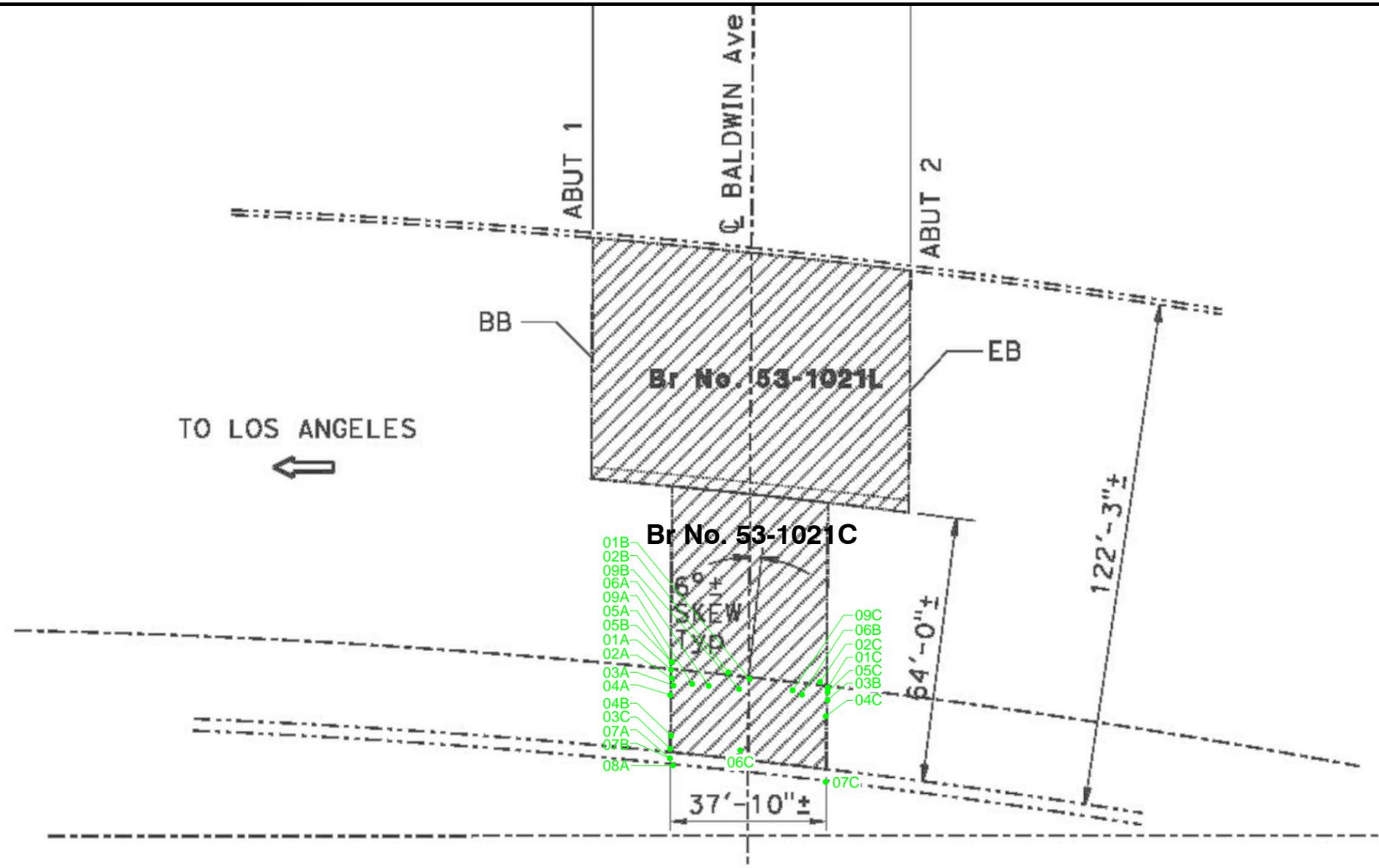
ACM SAMPLE LOCATIONS
BR NO. 53-0010K AND BR NO. 53-0010S
RTE 10, PM 26.84
ROSEMEAD BLVD UC

FIGURE:

2

JOB NUMBER: 185831012	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: AP	DATE: 06/18/14
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FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg | saguinaldo | Jun 26, 2014 at 14:22 | Layout: BALDWIN



BALDWIN AVENUE UC
 Br No. 53-1021C, Rte 10, PM 27.96
 NO SCALE



LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- ▨ Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.

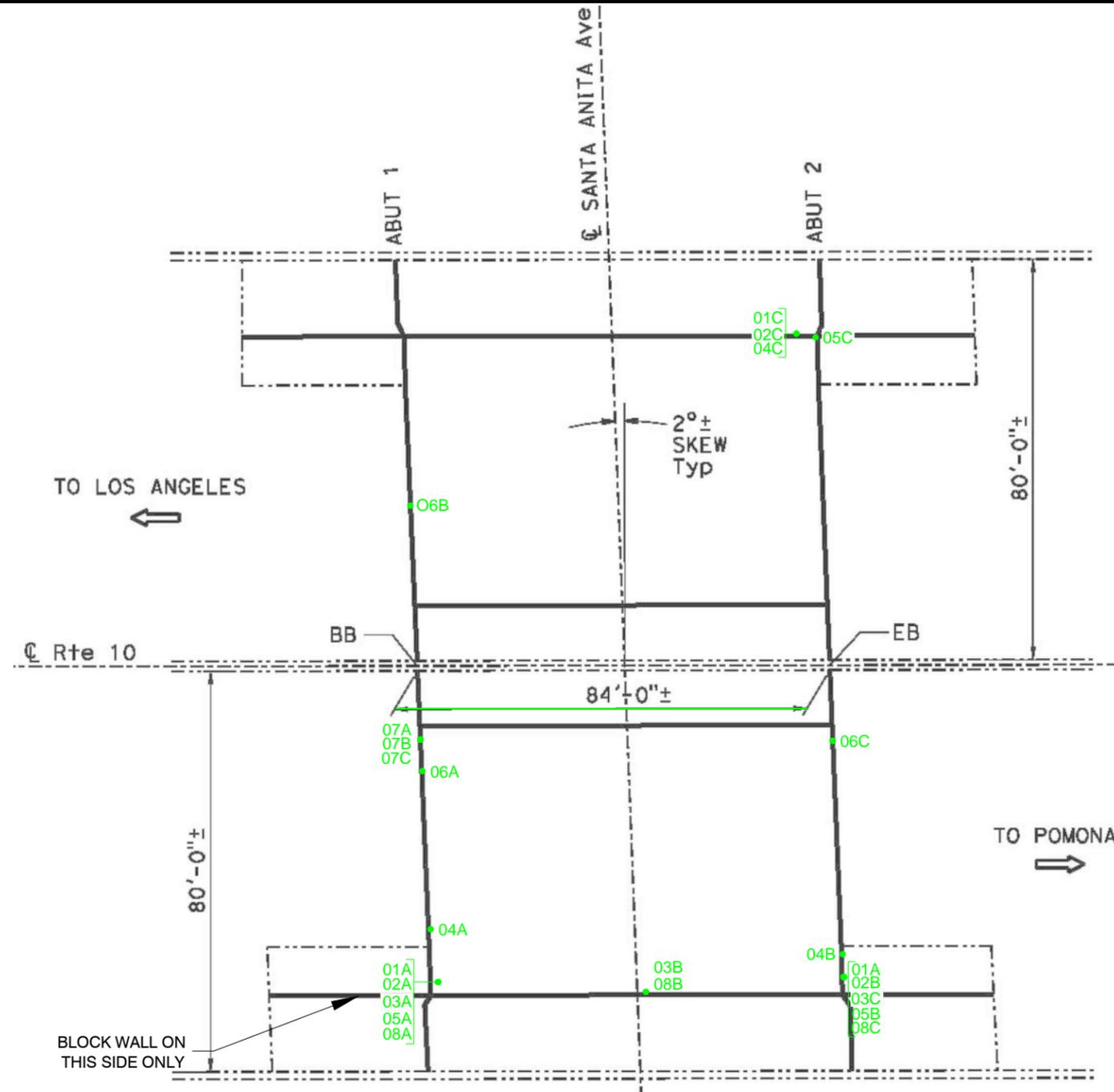
KEY:

- SAMPLE LOCATION
- 01 GUARDRAIL
- 02 DECK PATCH (NORTH END)
- 03 DECK (THROUGHOUT)
- 04 DECK SEALANT
- 05 FELT
- 06 DECK REFLECTOR ADHESIVE
- 07 FELT (DECK JOINTS)
- 08 DECK SEALANT (FOAM LIKE)
- 09 TAPE (ON DECK)

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	JOB NUMBER: 185831012	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: AP	DATE: 06/18/14

FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2_ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg\isaguinaldo\Jun 24, 2014 at 17:13\Layout: SANTA ANITA



LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- ▨ Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.

- KEY:**
- SAMPLE LOCATION
 - 01 GUARDRAIL
 - 02 DECK
 - 03 BLOCK
 - 04 DECK JOINT SEALANT
 - 05 FELT
 - 06 TEXTURED CONCRETE BENEATH
 - 07 CONCRETE SHEET IN JOINTS
 - 08 MORTAR

SANTA ANITA AVENUE UC

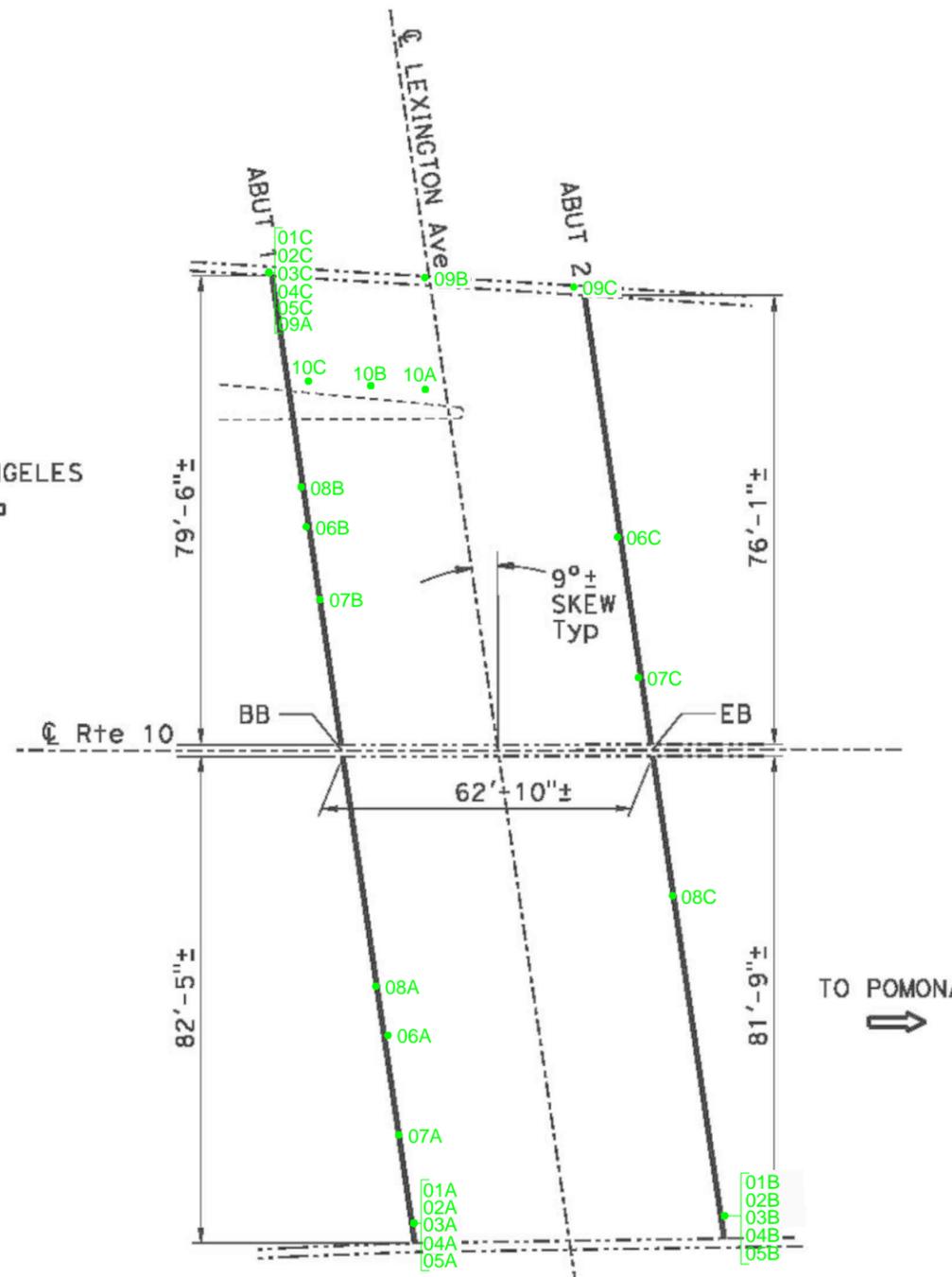
Br No. 53-0658, Rte 10, PM 28.67
NO SCALE



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<p>25864-F BUSINESS CENTER DRIVE REDLANDS, CALIFORNIA 92374 PHONE: (909) 335-6116 FAX: (909) 556-6516</p>	State of California Department of Transportation Asbestos Survey State Route 10 Bridge Preservation-Maintenance, 07-LA-10 PM26.8/30.8 Project ID: 07-0713000449, EA 2W6601		ACM SAMPLE LOCATIONS BR NO. 53-0658, RTE 10, PM 28.67 SANTA ANITA AVENUE UC		FIGURE: 4
	JOB NUMBER: 185831012	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: AP	DATE: 06/18/14

FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg[isaguinaldo,Jun 24, 2014 at 17:12]Layout: LEXINGTON



LEXINGTON AVENUE UC

Br No. 53-0883, Rte 10, PM 28.83
NO SCALE



LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- ▨ Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.

KEY:

- SAMPLE LOCATION
- 01 GUARDRAIL
- 02 DECK
- 03 BLOCK
- 04 DECK JOINT SEALANT
- 05 FELT
- 06 CONCRETE BENEATH
- 07 THICK FELT (BENEATH)
- 08 THIN FELT (FAN)-BENEATH
- 09 MORTAR
- 10 REFLECTOR MASTIC

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PHONE: (909) 335-6116 FAX: (909) 556-6516

State of California Department of Transportation
Asbestos Survey
State Route 10 Bridge Preservation-Maintenance,
07-LA-10
PM26.8/30.8
Project ID: 07-0713000449, EA 2W6601

JOB NUMBER: 185831010
DRAWN BY: STA

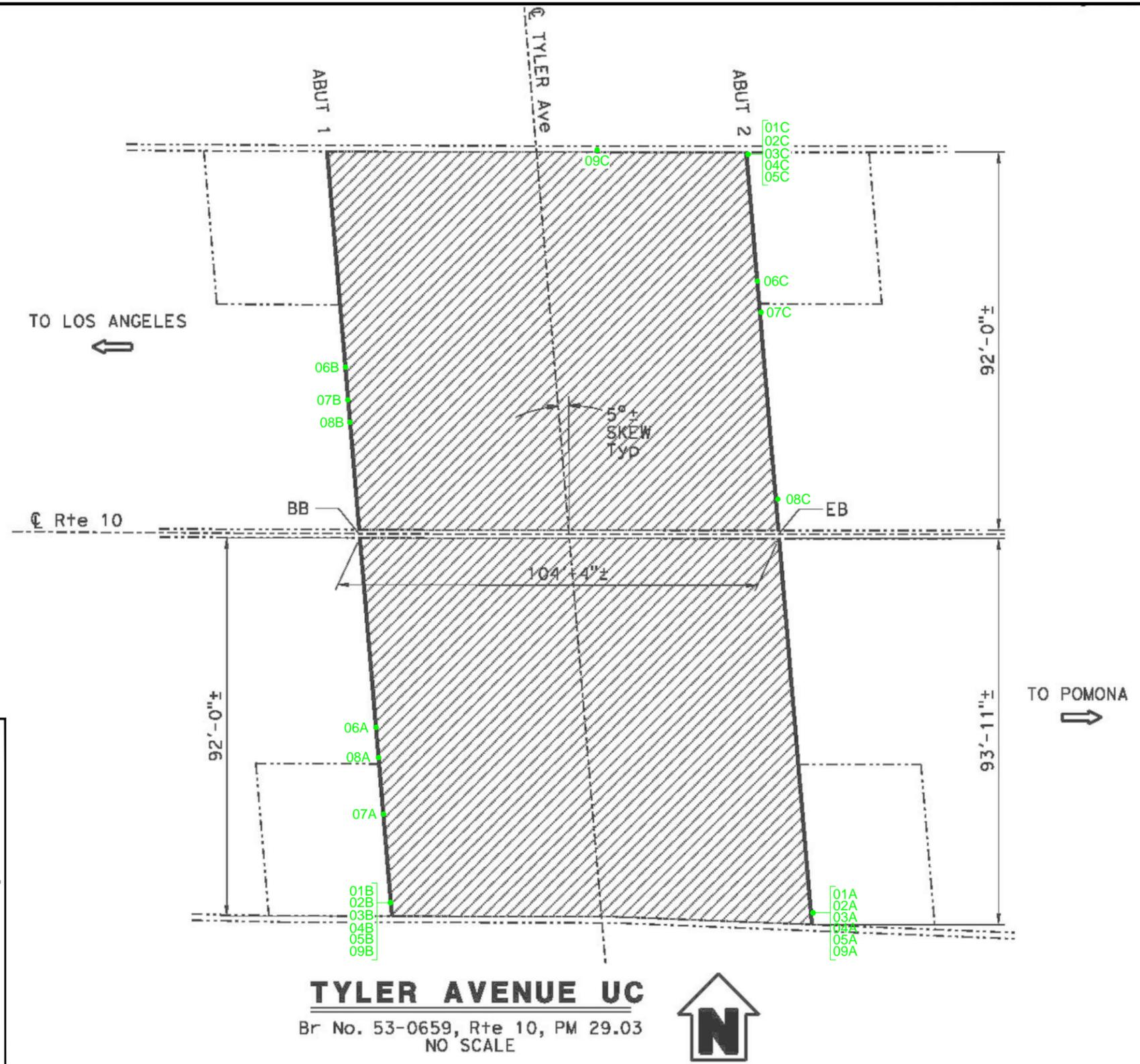
ACM SAMPLE LOCATIONS
BR NO. 53-0883, RTE 10, PM 28.83
LEXINGTON AVENUE UC

CHECKED BY: DM
APPROVED BY: AP

FIGURE:
5

DATE:
06/18/14

FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg[isaguardo]Jun 24, 2014 at 17:12[Layout: TYLER



LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- ▨ Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.
- /— Indicates location of clean expansion joint and placement of new joint seal. Prior to placement of new joint seal, repair joint by removing unsound concrete and placing rapid setting concrete (patch) as directed by the Engineer.

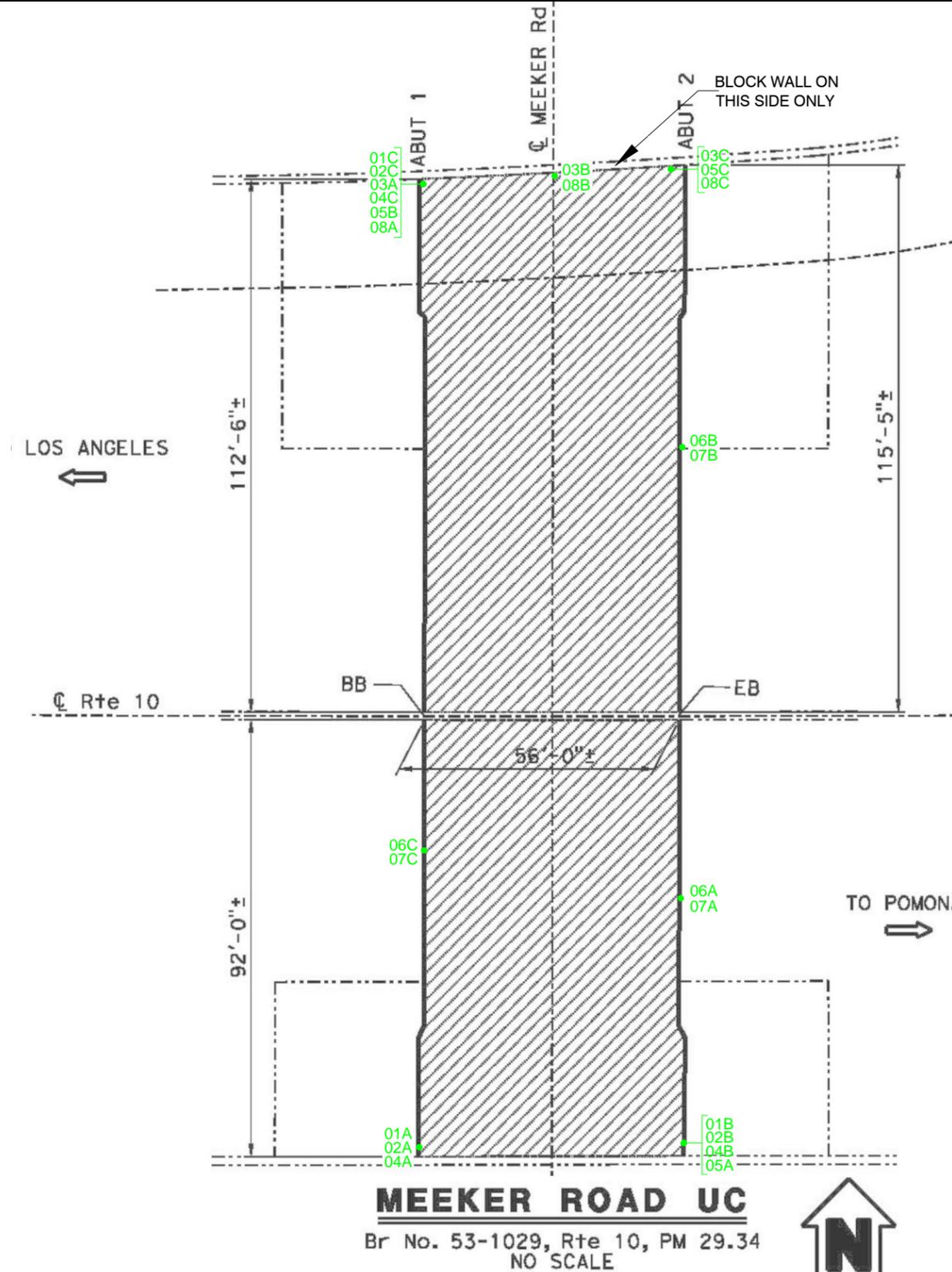
KEY:

- SAMPLE LOCATION
- 01 GUARDRAIL
- 02 DECK
- 03 BLOCK
- 04 DECK SEALANT
- 05 FELT
- 06 CONCRETE BENEATH
- 07 THICK FELT
- 08 THIN FELT (FAN)
- 09 MORTAR

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	JOB NUMBER: 185831010	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: AP	DATE: 06/18/14

FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg | sguinaldo | Jun 24, 2014 at 17:11 | Layout: MEEKER



LEGEND:

- Indicates existing.
- Indicates direction of traffic.
- Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.
- Indicates location of clean expansion joint and placement of new joint seal. Prior to placement of new joint seal, repair joint by removing unsound concrete and placing rapid setting concrete (patch) as directed by the Engineer.

KEY:

- SAMPLE LOCATION
- 01 GUARDRAIL
- 02 DECK
- 03 BLOCK
- 04 DECK SEALANT
- 05 FELT
- 06 CONCRETE BENEATH
- 07 THICK FELT
- 08 MORTAR

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MEEKER ROAD UC
 Br No. 53-1029, Rte 10, PM 29.34
 NO SCALE

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State of California Department of Transportation
 Asbestos Survey
 State Route 10 Bridge Preservation-Maintenance,
 07-LA-10
 PM26.8/30.8
 Project ID: 07-0713000449, EA 2W6601

ACM SAMPLE LOCATIONS BR NO. 53-1029, RTE 10, PM 29.34 MEEKER ROAD UC		FIGURE: 7
JOB NUMBER: 185831010	DRAWN BY: STA	CHECKED BY: DM
APPROVED BY: AP		DATE: 06/18/14

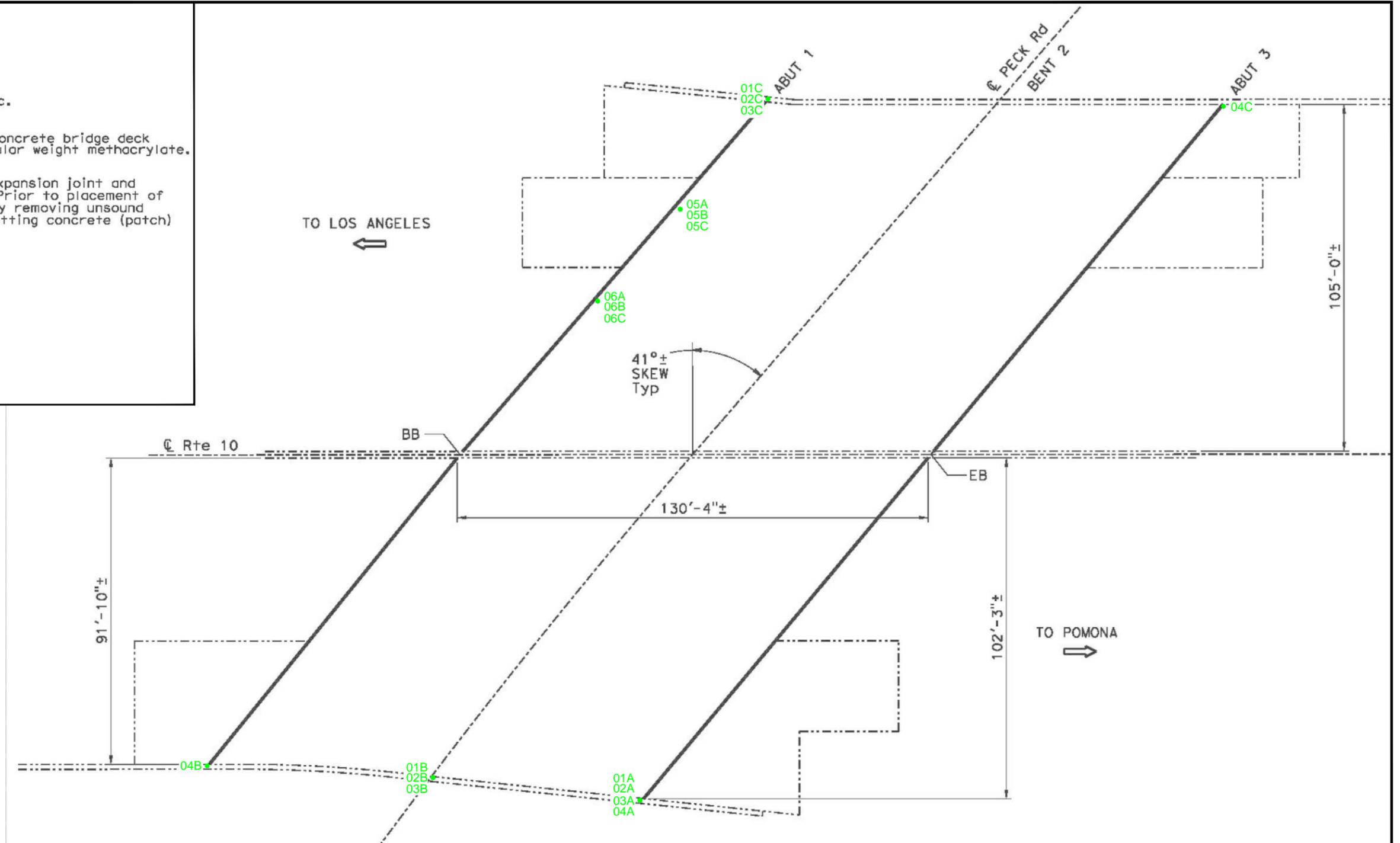
FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg[isagunaldol Jun 24, 2014 at 17:10] Layout: PECK

LEGEND:

- - - - - Indicates existing.
- Indicates direction of traffic.
- ▨ Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.
- Indicates location of clean expansion joint and placement of new joint seal. Prior to placement of new joint seal, repair joint by removing unsound concrete and placing rapid setting concrete (patch) as directed by the Engineer.

KEY:

- SAMPLE LOCATION
- 01 GUARDRAIL
- 02 DECK
- 03 DECK SEALANT
- 04 FELT
- 05 PRESS BOARD (HINGE)
- 06 PRESS BOARD (VERTICAL-BENEATH)



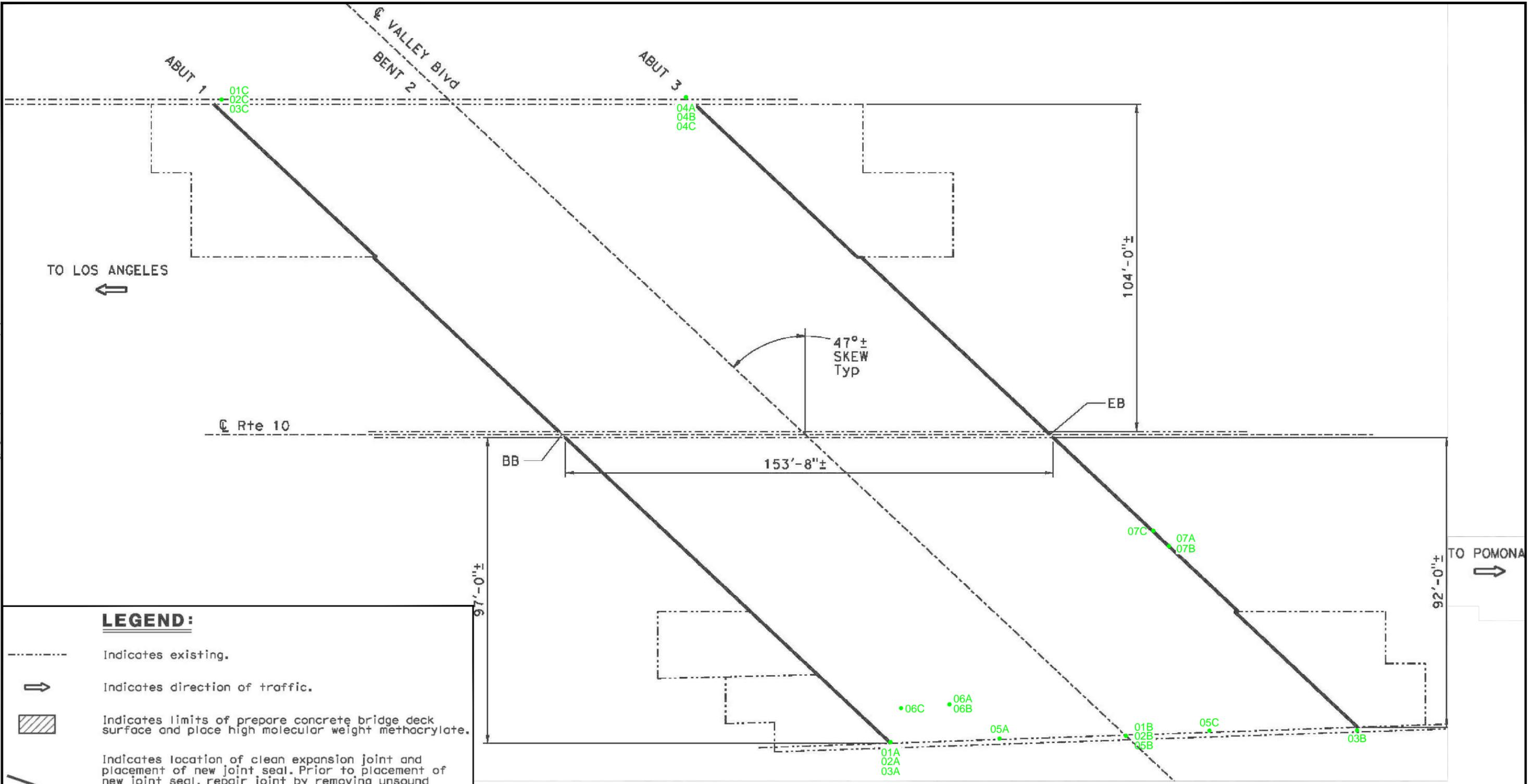
PECK ROAD UC
 Br No. 53-0661, Rte 10, PM 29.43
 NO SCALE



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 25864-F BUSINESS CENTER DRIVE REDLANDS, CALIFORNIA 92374 PHONE: (909) 335-6116 FAX: (909) 556-6516	State of California Department of Transportation Asbestos Survey State Route 10 Bridge Preservation-Maintenance, 07-LA-10 PM26.8/30.8 Project ID: 07-0713000449, EA 2W6601		ACM SAMPLE LOCATIONS BR NO. 53-0661, RTE 10, PM 29.43 PECK ROAD UC		FIGURE: 8
	JOB NUMBER: 185831010	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: AP	DATE: 06/18/14

FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg[isagunaldol,Jun 24, 2014 at 17:09]Layout: VALLEY



LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- ▨ Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.
- Indicates location of clean expansion joint and placement of new joint seal. Prior to placement of new joint seal, repair joint by removing unsound concrete and placing rapid setting concrete (patch) as directed by the Engineer.

KEY:

- SAMPLE LOCATION
- 01 GUARDRAIL
- 02 DECK
- 03 DECK SEALANT
- 04 FELT
- 05 GUARDRAIL REFLECTOR MASTIC (GRAY)
- 06 DECK REFLECTOR MASTIC (BLACK)
- 07 PRESS BOARD (HINGE-BENEATH)

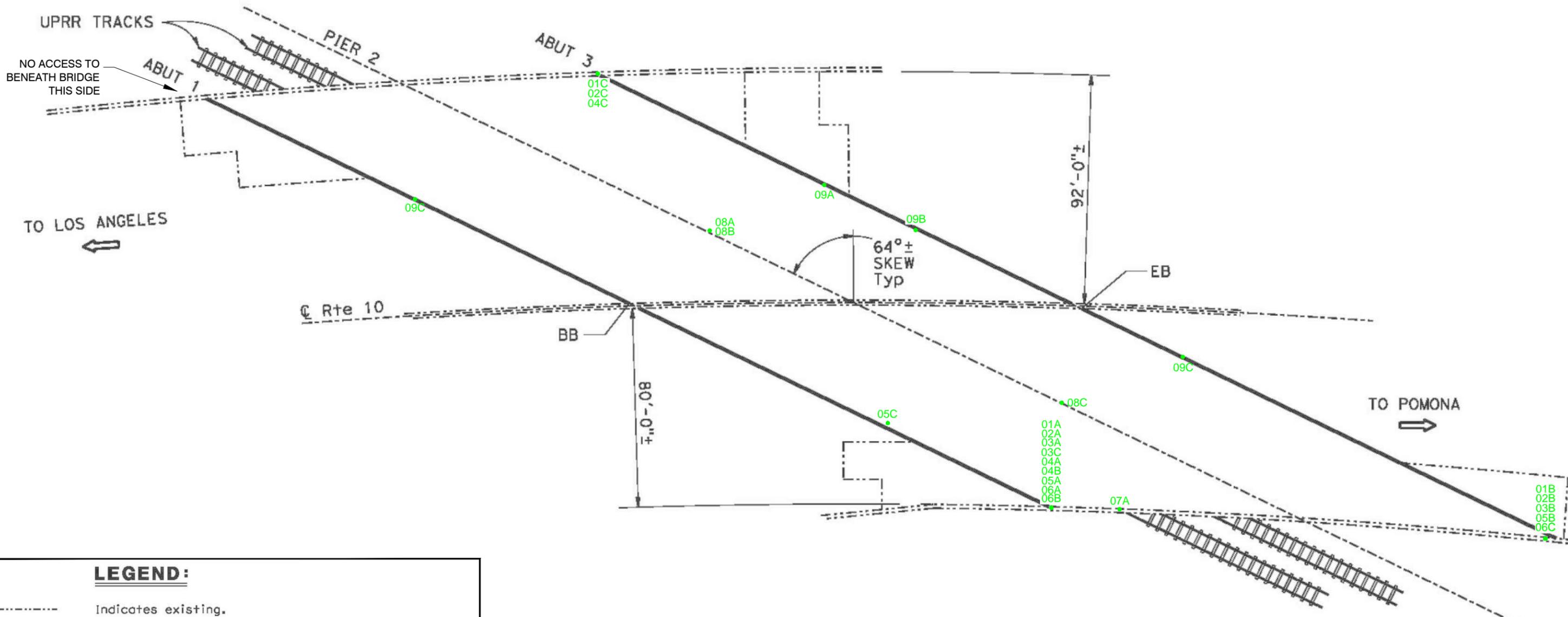
VALLEY BLVD UC
 Br No. 53-0660, Rte 10, PM 29.55
 NO SCALE



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	JOB NUMBER: 185831010	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: AP	DATE: 06/18/14

FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg | saguinaldo | Jun 24, 2014 at 17:09 | Layout: EL MONTE



LEGEND:

- Indicates existing.
- Indicates direction of traffic.
- ▨ Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.
- Indicates location of clean expansion joint and placement of new joint seal. Prior to placement of new joint seal, repair joint by removing unsound concrete and placing rapid setting concrete (patch) as directed by the Engineer.

- KEY:**
- SAMPLE LOCATION
 - 01 GUARDRAIL
 - 02 DECK
 - 03 BLOCK
 - 04 DECK SEALANT
 - 05 FELT
 - 06 MORTAR
 - 07 GUARDRAIL REFLECTOR MASTIC
 - 08 PRESS BOARD (VERTICAL-BENEATH)
 - 09 PIPE-WEEP HOLE

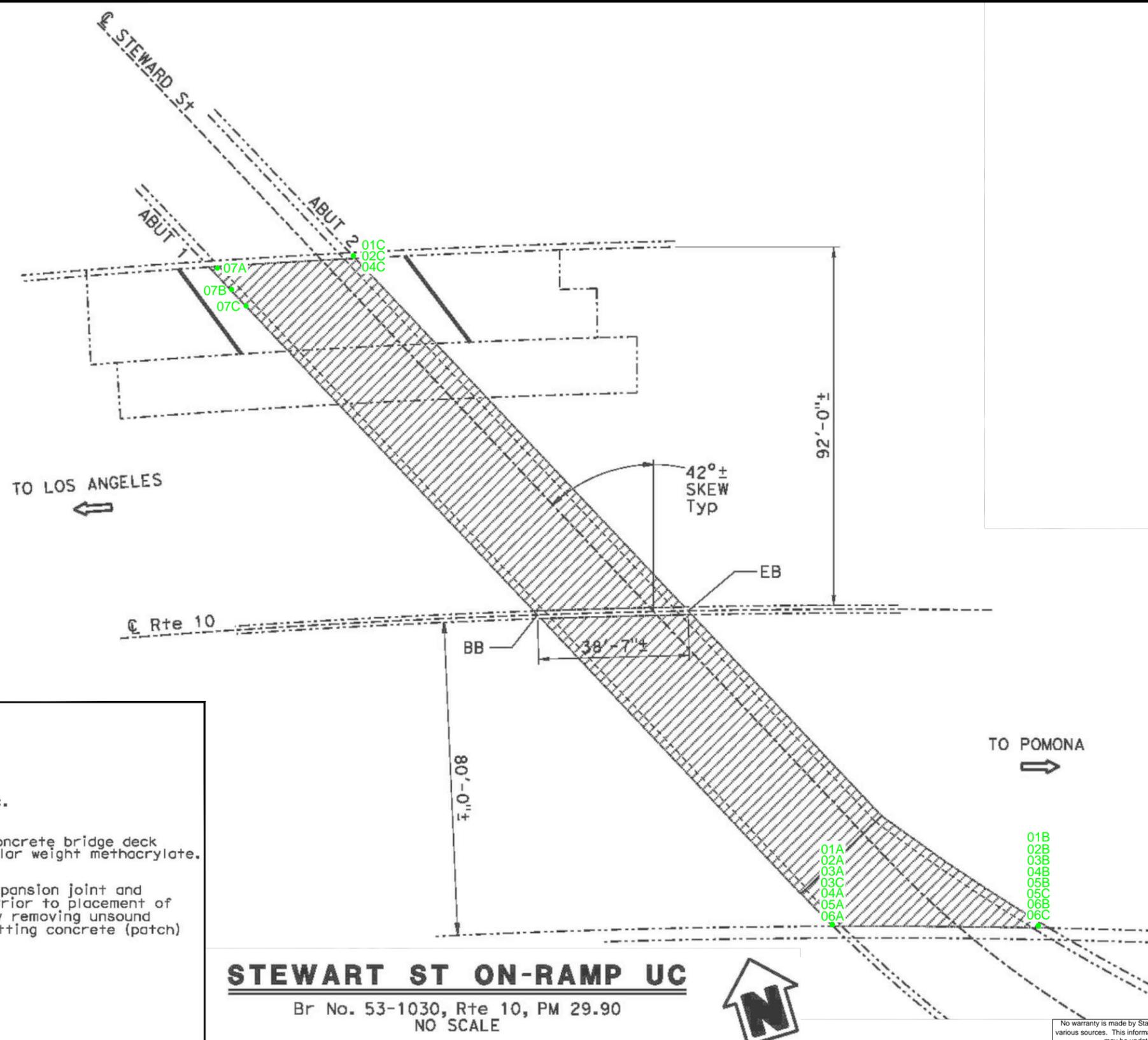
EAST EL MONTE OH
 Br No. 53-0867, Rte 10, PM 29.81
 NO SCALE



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<p>25864-F BUSINESS CENTER DRIVE REDLANDS, CALIFORNIA 92374 PHONE: (909) 335-6116 FAX: (909) 556-6516</p>	State of California Department of Transportation Asbestos Survey State Route 10 Bridge Preservation-Maintenance, 07-LA-10 PM26.8/30.8 Project ID: 07-0713000449, EA 2W6601		ACM SAMPLE LOCATIONS BR NO. 53-0867, RTE 10, PM 29.81 EAST EL MONTE OH		FIGURE: <h1>10</h1>
	JOB NUMBER: 185831010	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: AP	DATE: 06/18/14

FILEPATH:\M1_00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg[isaguinado,Jun 24, 2014 at 17:08]Layout: STEWART



LEGEND:

- Indicates existing.
- Indicates direction of traffic.
- Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.
- Indicates location of clean expansion joint and placement of new joint seal. Prior to placement of new joint seal, repair joint by removing unsound concrete and placing rapid setting concrete (patch) as directed by the Engineer.

KEY:

- SAMPLE LOCATION
- 01 GUARDRAIL
- 02 DECK
- 03 BLOCK
- 04 DECK SEALANT
- 05 FELT
- 06 MORTAR
- 07 CONCRETE-WEEP HOLE

STEWART ST ON-RAMP UC

Br No. 53-1030, Rte 10, PM 29.90
NO SCALE



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State of California Department of Transportation
Asbestos Survey
State Route 10 Bridge Preservation-Maintenance,
07-LA-10
PM26.8/30.8
Project ID: 07-0713000449, EA 2W6601

JOB NUMBER:
185831010

DRAWN BY:
STA

ACM SAMPLE LOCATIONS
BR NO. 53-1030, RTE 10, PM 29.90
STEWART STREET ON-RAMP UC

CHECKED BY:
DM

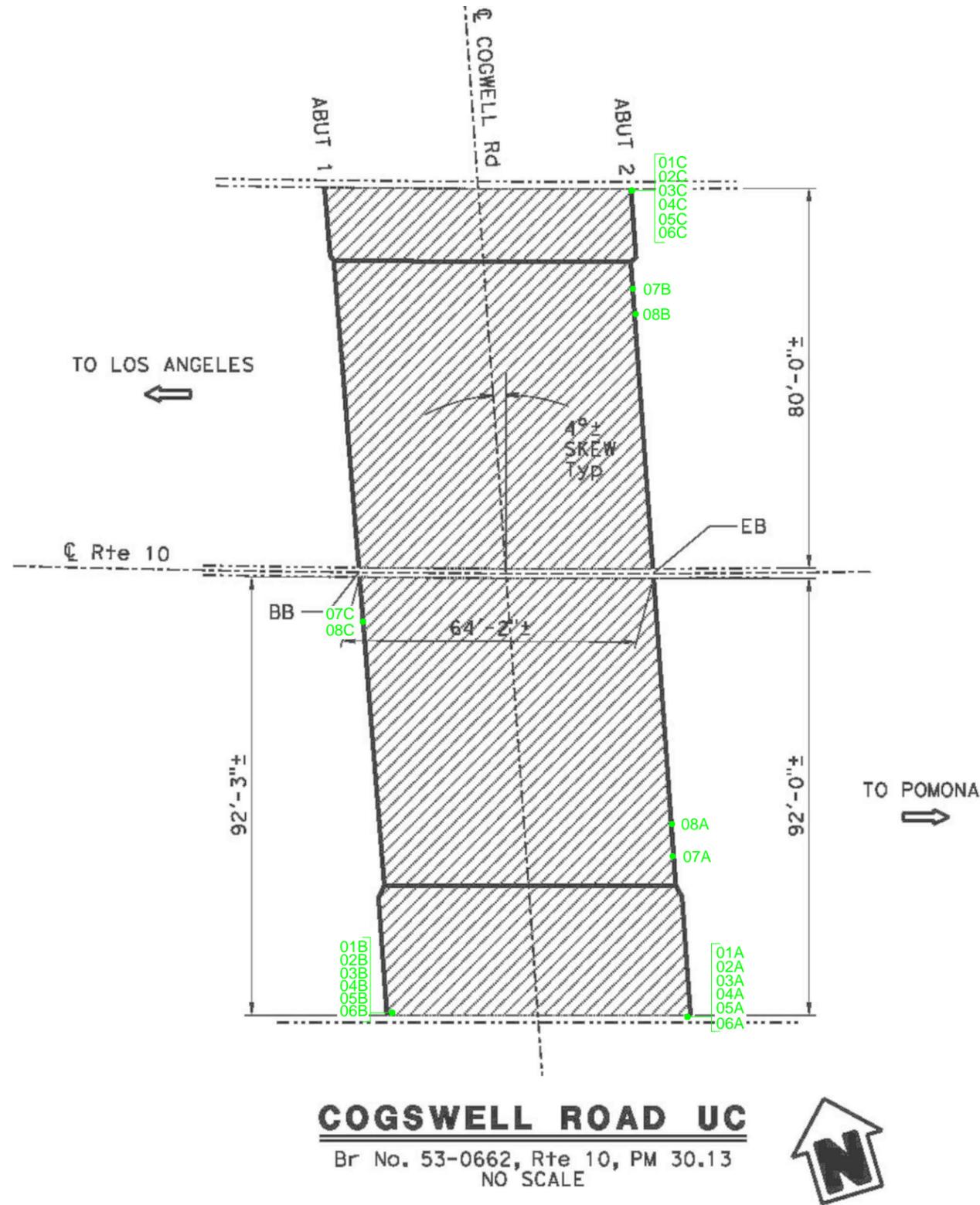
APPROVED BY:
AP

FIGURE:

11

DATE:
06/18/14

FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg[isaguinado] Jun 24, 2014 at 17:06 [Layout: COGSWELL



COGSWELL ROAD UC
 Br No. 53-0662, Rte 10, PM 30.13
 NO SCALE

LEGEND:

- Indicates existing.
- Indicates direction of traffic.
- Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.
- Indicates location of clean expansion joint and placement of new joint seal. Prior to placement of new joint seal, repair joint by removing unsound concrete and placing rapid setting concrete (patch) as directed by the Engineer.

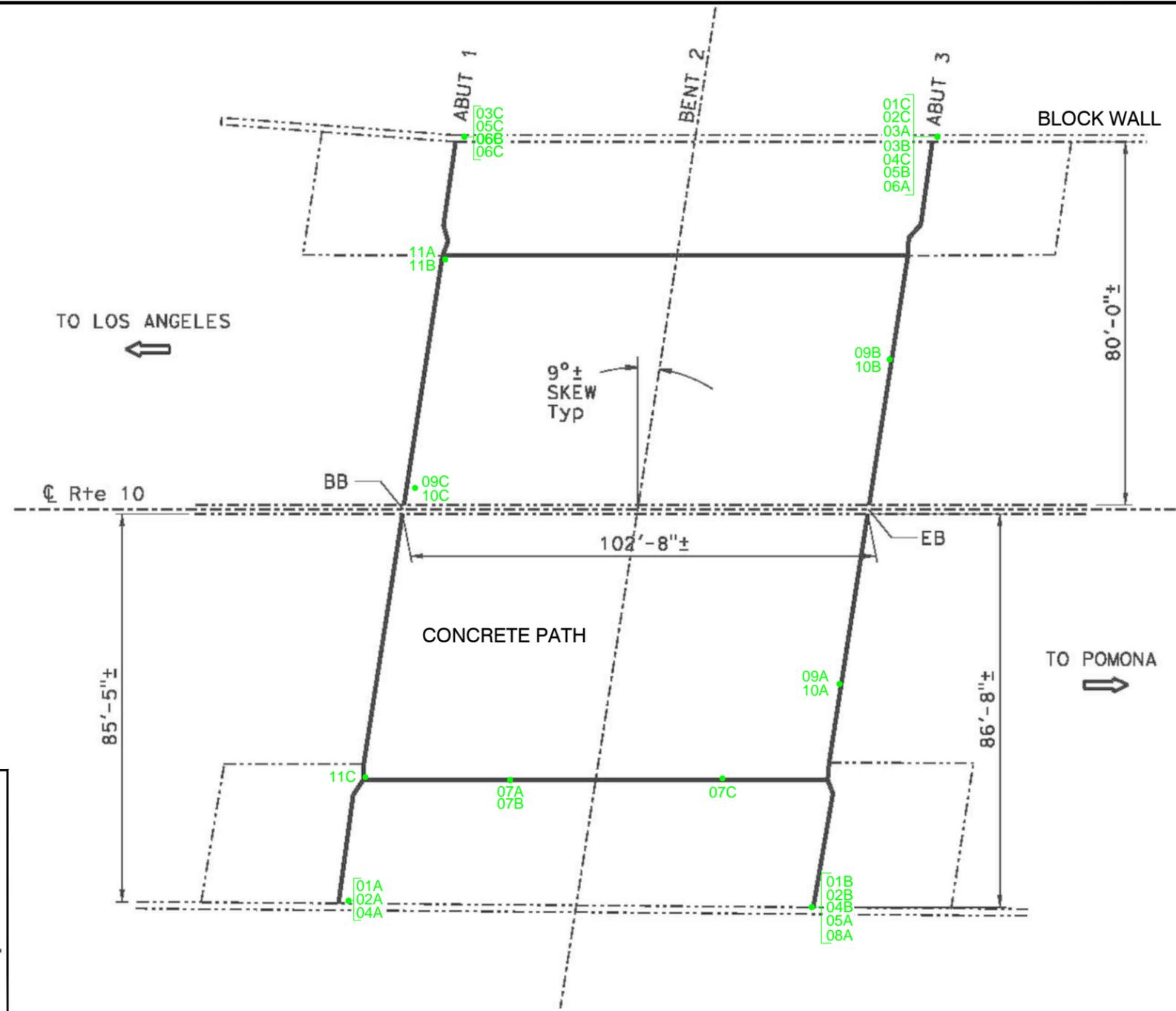
KEY:

- SAMPLE LOCATION
- 01 GUARDRAIL
- 02 DECK
- 03 BLOCK
- 04 DECK SEALANT
- 05 FELT
- 06 MORTAR
- 07 TEXTURED CONCRETE (BENEATH)
- 08 WEEP HOLE (BENEATH)

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<p>25864-F BUSINESS CENTER DRIVE REDLANDS, CALIFORNIA 92374 PHONE: (909) 335-6116 FAX: (909) 556-6516</p>	State of California Department of Transportation Asbestos Survey State Route 10 Bridge Preservation-Maintenance, 07-LA-10 PM26.8/30.8 Project ID: 07-0713000449, EA 2W6601		ACM SAMPLE LOCATIONS BR NO. 53-0662, RTE 10, PM 30.13 COGSWELL ROAD UC		FIGURE: <h1>12</h1>
	JOB NUMBER: 185831010	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: AP	DATE: 06/18/14

FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg | sguinaldo | Jun 24, 2014 at 17:05 | Layout: DURFEE



DURFEE ROAD UC
 Br No. 53-1031, Rte 10, PM 30.51
 NO SCALE



LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- ▨ Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.
- Indicates location of clean expansion joint and placement of new joint seal. Prior to placement of new joint seal, repair joint by removing unsound concrete and placing rapid setting concrete (patch) as directed by the Engineer.

KEY:

- SAMPLE LOCATION
- 01 GUARDRAIL
- 02 DECK
- 03 BLOCK
- 04 DECK SEALANT
- 05 FELT
- 06 MORTAR
- 07 DECK PATCH-CONCRETE
- 08 GUARDRAIL REFLECTOR MASTIC
- 09 TEXTURED CONCRETE (BENEATH)
- 10 WEEP HOLE (BENEATH)
- 11 1-INCH FELT (BENEATH)

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<p>25864-F BUSINESS CENTER DRIVE REDLANDS, CALIFORNIA 92374 PHONE: (909) 335-6116 FAX: (909) 556-6516</p>	State of California Department of Transportation Asbestos Survey State Route 10 Bridge Preservation-Maintenance, 07-LA-10 PM26.8/30.8 Project ID: 07-0713000449, EA 2W6601		ACM SAMPLE LOCATIONS BR NO. 53-1031, RTE 10, PM 30.51 DURFEE ROAD UC		FIGURE: 13
	JOB NUMBER: 185831010	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: AP	DATE: 06/18/14

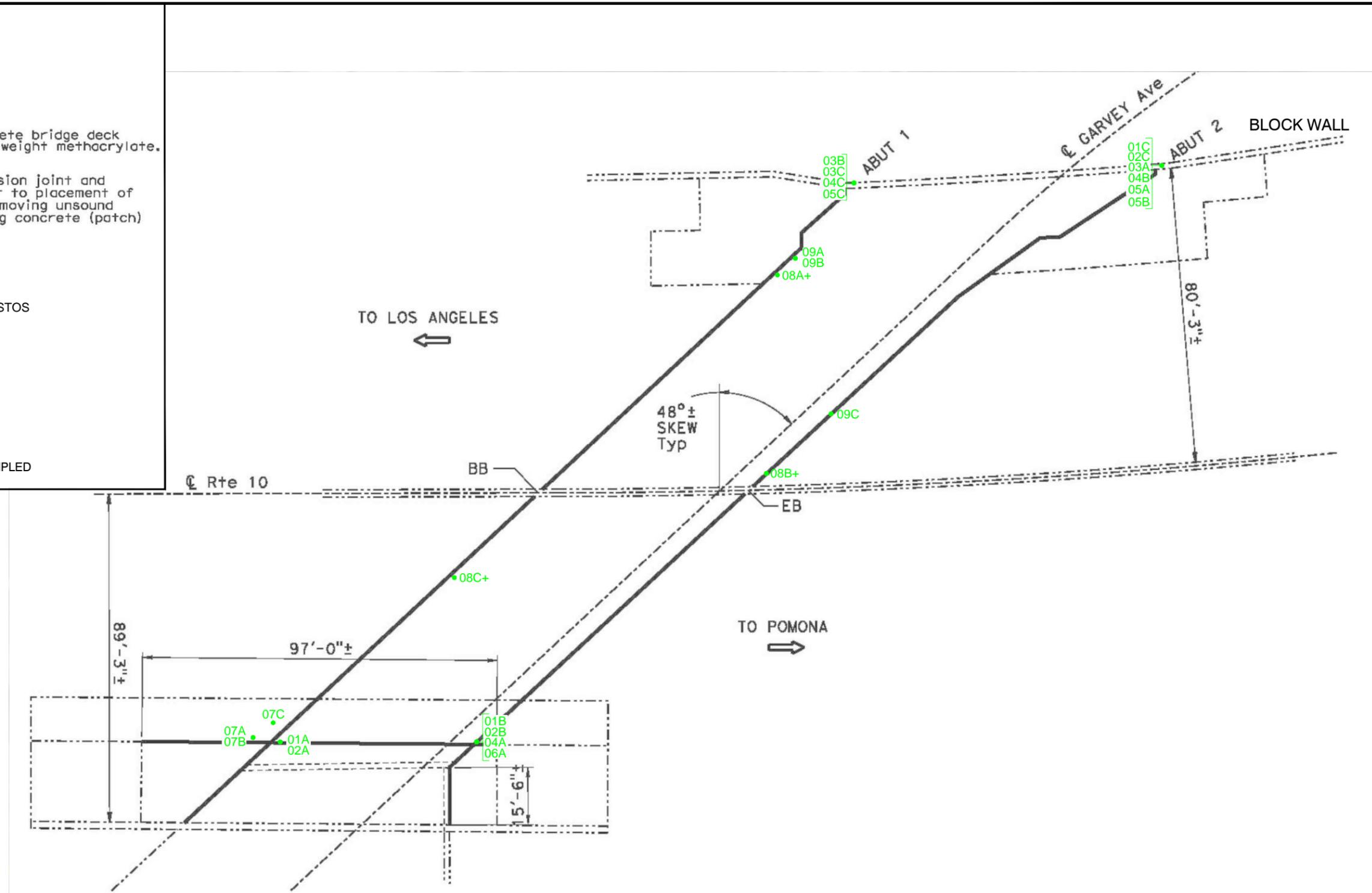
FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADL\TO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg | sagnaldol Jun 24, 2014 at 17:04 | Layout: GARVEY

LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- ▨ Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.
- ↘ Indicates location of clean expansion joint and placement of new joint seal. Prior to placement of new joint seal, repair joint by removing unsound concrete and placing rapid setting concrete (patch) as directed by the Engineer.

KEY:

- SAMPLE LOCATION
- (+) INDICATES SAMPLE POSITIVE FOR ASBESTOS
- 01 GUARDRAIL
- 02 DECK
- 03 BLOCK
- 04 FELT
- 05 MORTAR
- 06 GUARDRAIL REFLECTOR MASTIC
- 07 CONCRETE WEEP HOLE
- 08 WEEP HOLE (BENEATH)
- 09 VERTICAL PRESS BOARD (BENEATH)
- * DECK SEAL WAS RUBBER STRIP - NOT SAMPLED



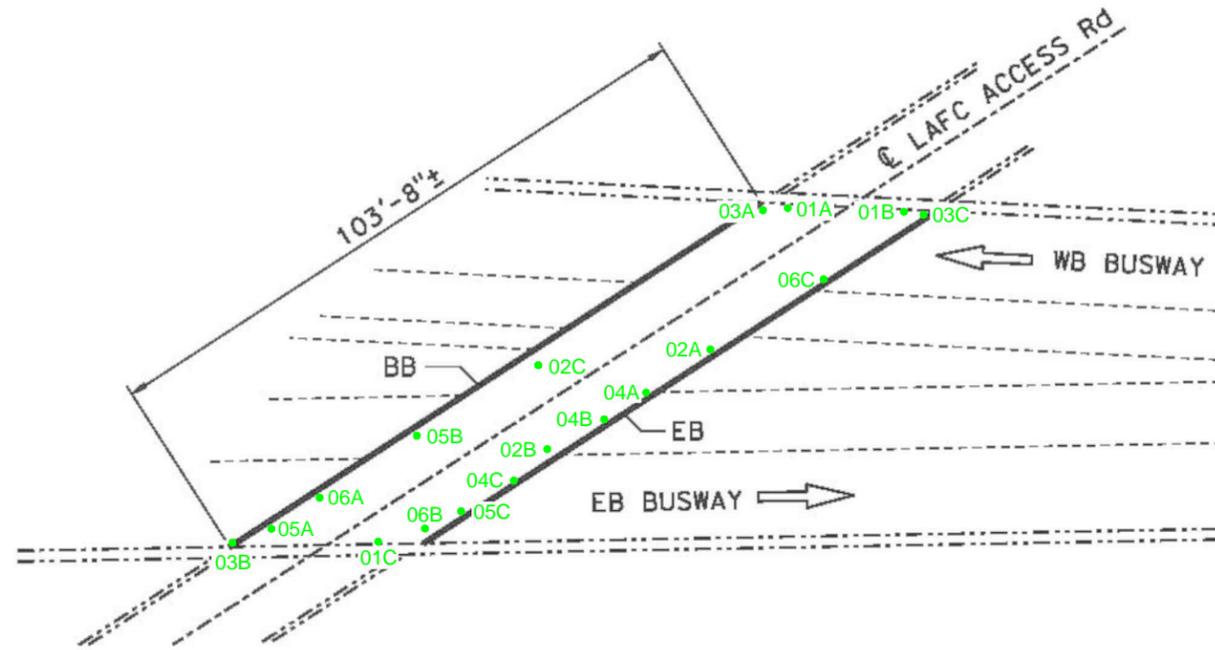
GARVEY AVENUE OFF-RAMP UC

Br No. 53-1032, Rte 10, PM 30.58
NO SCALE

No warranty is made by Stantec as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and or information.

<p>25864-F BUSINESS CENTER DRIVE REDLANDS, CALIFORNIA 92374 PHONE: (909) 335-6116 FAX: (909) 556-6516</p>	State of California Department of Transportation Asbestos Survey State Route 10 Bridge Preservation-Maintenance, 07-LA-10 PM26.8/30.8 Project ID: 07-0713000449, EA 2W6601		ACM SAMPLE LOCATIONS BR NO. 53-1032, RTE 10, PM 30.58 GARVEY AVENUE OFF-RAMP UC		FIGURE: 14
	JOB NUMBER: 185831010	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: AP	DATE: 06/18/14

FILEPATH:M:\00 OTHER OFFICES\04-REDLANDS\CAL-TRANS\ADLTO-10\FIG 2 - ROSEMEAD ACM SAMPLE LOCATIONS_06-23-2014.dwg | saguinaldo | Jun 24, 2014 at 17:03 | Layout: LAFC ACCESS



LAFC ACCESS ROAD

Br No. 53-2636, Rte 10S, PM C28.45
NO SCALE



LEGEND:

-  Indicates existing.
-  Indicates direction of traffic.
-  Indicates limits of prepare concrete bridge deck surface and place high molecular weight methacrylate.
-  Indicates location of clean expansion joint and placement of new joint seal. Prior to placement of new joint seal, repair joint by removing unsound concrete and placing rapid setting concrete (patch) as directed by the Engineer.

KEY:

- SAMPLE LOCATION
- 01 GUARDRAIL
- 02 DECK
- 03 FELT
- 04 DECK SEALANT
- 05 PARTICLE BOARD - JOINTS BENEATH BRIDGE
- 06 PIPE - WEEP HOLE

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 25864-F BUSINESS CENTER DRIVE REDLANDS, CALIFORNIA 92374 PHONE: (909) 335-6116 FAX: (909) 556-6516	State of California Department of Transportation Asbestos Survey State Route 10 Bridge Preservation-Maintenance, 07-LA-10 PM26.8/30.8 Project ID: 07-0713000449, EA 2W6601		ACM SAMPLE LOCATIONS BR NO. 53-2636, RTE 10S, PM C28.45 LAFC ACCESS ROAD		FIGURE: 15
	JOB NUMBER: 185831010	DRAWN BY: STA	CHECKED BY: DM	APPROVED BY: AP	DATE: 06/18/14

TABLES

TABLE 1
ASBESTOS SAMPLE LOG AND ANALYSIS RESULTS
15 BRIDGES ALONG ROUTE 10
07-LA-10
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
MEEKER RD UC - BRIDGE #53-1029							
01A	5/23/2014	0142101-001	GUARD RAILING- SW	CONCRETE, GRAY	ND	NO	--
01B	5/23/2014	0142101-002	GUARD RAILING- SE	CONCRETE, GRAY	ND	NO	--
01C	5/23/2014	0142101-003	GUARD RAILING- NW	CONCRETE, GRAY	ND	NO	--
02A	5/23/2014	0142101-004	THROUGHTOUT DECK- SW	CONCRETE, GRAY	ND	NO	--
02B	5/23/2014	0142101-005	THROUGHTOUT DECK- SE	CONCRETE, GRAY	ND	NO	--
02C	5/23/2014	0142101-006	THROUGHTOUT DECK- NW	CONCRETE, GRAY	ND	NO	--
03A	5/23/2014	0142101-007	NW	CONCRETE BLOCK, BEIGE/BLACK	ND	NO	--
03B	5/23/2014	0142101-008	NORTH/CENTER	CONCRETE BLOCK, BEIGE/BLACK	ND	NO	--
03C	5/23/2014	0142101-009	NE	CONCRETE BLOCK, BEIGE/BLACK	ND	NO	--
04A	5/23/2014	0142101-010	DECK- SW	JOINT SEAL, GRAY	ND	NO	--
04B	5/23/2014	0142101-011	DECK- SE	JOINT SEAL, GRAY	ND	NO	--
04C	5/23/2014	0142101-012	DECK- NW	JOINT SEAL, GRAY	ND	NO	--
05A	5/23/2014	0142101-013	VARIOUS- SE	FELT, BROWN	ND	YES	--
05B	5/23/2014	0142101-014	VARIOUS- NW	FELT, BROWN	ND	YES	--
05C	5/23/2014	0142101-015	VARIOUS- NE	FELT, BROWN	ND	YES	--
06A	5/23/2014	0142101-016	BENEATH BRIDGE/ EAST	CONCRETE, LT GRAY	ND	NO	--
06B	5/23/2014	0142101-017	BENEATH BRIDGE/ EAST	CONCRETE, LT GRAY	ND	NO	--
06C	5/23/2014	0142101-018	BENEATH BRIDGE/ WEST	LAYER 1: CONCRETE, LT GRAY	ND	NO	--
				LAYER 2: PAINT, GRAY/BEIGE	ND	NO	--
07A	5/23/2014	0142101-019	WALLS BENEATH BRIDGE/ EAST	LAYER 1: FELT, DK BROWN	ND	NO	--
				LAYER 2: TEXTURED PAINT, OFF WHITE	ND	NO	--
07B	5/23/2014	0142101-020	WALLS BENEATH BRIDGE/ EAST	LAYER 1: FELT, DK BROWN	ND	NO	--
				LAYER 2: TEXTURED PAINT, OFF WHITE	ND	NO	--
07C	5/23/2014	0142101-021	WALLS BENEATH BRIDGE/ WEST	LAYER 1: FELT, DK BROWN	ND	NO	--
				LAYER 2: TEXTURED PAINT, OFF WHITE	ND	NO	--
08A	5/23/2014	0142101-022	NW	MORTAR, BEIGE/TAN	ND	NO	--
08B	5/23/2014	0142101-023	NORTH/CENTER	MORTAR, BEIGE/TAN	ND	NO	--
08C	5/23/2014	0142101-024	NE	MORTAR, BEIGE/TAN	ND	NO	--
GARVEY AVE OFF-RAMP UC - BRIDGE #53-1032							
01A	6/3/2014	0142102-001	GUARD RAILING- SW	GUARD RAILING CONCRETE, GRAY	ND	NO	--
01B	6/3/2014	0142102-002	GUARD RAILING- SE	GUARD RAILING CONCRETE, GRAY	ND	NO	--
01C	6/3/2014	0142102-003	GUARD RAILING- NE	GUARD RAILING CONCRETE, GRAY	ND	NO	--
02A	6/3/2014	0142102-004	THROUGHOUT DECK- SW	LAYER 1: DECK CONCRETE, GRAY	ND	NO	--
				LAYER 2: COATING, BROWN	ND	NO	--
02B	6/3/2014	0142102-005	THROUGHOUT DECK- SE	LAYER 1: DECK CONCRETE, GRAY	ND	NO	--
				LAYER 2: COATING, BROWN	ND	NO	--
02C	6/4/2014	0142102-006	THROUGHOUT DECK- NE	LAYER 1: DECK CONCRETE, GRAY	ND	NO	--
				LAYER 2: COATING, BROWN	ND	NO	--
03A	6/3/2014	0142102-007	NE	CONCRETE BLOCK, BEIGE/TAN/GRAY/BROWN	ND	NO	--

TABLE 1
ASBESTOS SAMPLE LOG AND ANALYSIS RESULTS
15 BRIDGES ALONG ROUTE 10
07-LA-10
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
03B	6/3/2014	0142102-008	NW	CONCRETE BLOCK, BEIGE/TAN/GRAY/BROWN	ND	NO	--
03C	6/3/2014	0142102-009	NW	CONCRETE BLOCK, BEIGE/TAN/GRAY/BROWN	ND	NO	--
04A	6/3/2014	0142102-010	VARIOUS- SE	GUARD RAILING FELT, BROWN	ND	YES	--
04B	6/3/2014	0142102-011	VARIOUS- NE	GUARD RAILING FELT, BROWN	ND	YES	--
04C	6/3/2014	0142102-012	VARIOUS- NW	GUARD RAILING FELT, BROWN	ND	YES	--
05A	6/3/2014	0142102-013	NE	MORTAR, BEIGE/GRAY	ND	NO	--
05B	6/3/2014	0142102-014	NE	MORTAR, BEIGE/GRAY	ND	NO	--
05C	6/3/2014	0142102-015	NW	MORTAR, BEIGE/GRAY	ND	NO	--
06A	6/3/2014	0142102-016	GUARDRAILS- SE	SEALANT, GRAY	ND	NO	--
07A	6/3/2014	0142102-017	BENEATH BRIDGE- SW	BRIDGE CONCRETE, GRAY	ND	NO	--
07B	6/3/2014	0142102-018	BENEATH BRIDGE- SW	BRIDGE CONCRETE, GRAY	ND	NO	--
07C	6/3/2014	0142102-019	BENEATH BRIDGE- SW	BRIDGE CONCRETE, GRAY	ND	NO	--
08A	6/3/2014	0142102-020	BENEATH DECK AT ABUTMENTS- WEST	PIPE, BLACK	5% CHRYSOTILE	NO	UNKNOWN
08B	6/3/2014	0142102-021	BENEATH DECK AT ABUTMENTS- EAST	LAYER 1: PIPE, BLACK	5% CHRYSOTILE	NO	UNKNOWN
				LAYER 2: PIPE COVER, GRAY	ND	NO	UNKNOWN
08C	6/3/2014	0142102-022	BENEATH DECK AT ABUTMENTS- WEST	LAYER 1: PIPE, BLACK	5% CHRYSOTILE	NO	UNKNOWN
				LAYER 2: PIPE COVER, GRAY	ND	NO	UNKNOWN
09A	6/3/2014	0142102-023	ABUTMENTS- WEST	LAYER 1: PARTICLE BOARD, TAN/BROWN	ND	YES	--
				LAYER 2: COATING, BLACK	ND	YES	--
09B	6/3/2014	0142102-024	ABUTMENTS- EAST	LAYER 1: PRACTICLE BOARD, TAN/BROWN	ND	YES	--
				LAYER 2: COATING, BLACK	ND	YES	--
09C	6/3/2014	0142102-025	ABUTMENTS- EAST	LAYER 1: PRACTICLE BOARD, TAN/BROWN	ND	YES	--
				LAYER 2: COATING, BLACK	ND	YES	--
TYLER AVE UC - BRIDGE #53-0659							
01A	5/23/2014	0142103-001	GUARD RAILING- SE	CONCRETE, BEIGE/GRAY	ND	NO	--
01B	5/23/2014	0142103-002	GUARD RAILING- SW	CONCRETE, BEIGE/GRAY	ND	NO	--
01C	5/23/2014	0142103-003	GUARD RAILING- NE	CONCRETE, BEIGE/GRAY	ND	NO	--
02A	5/23/2014	0142103-004	THROUGHOUT DECK- SE	CONCRETE, BEIGE/GRAY	ND	NO	--
02B	5/23/2014	0142103-005	THROUGHOUT DECK- SW	CONCRETE, BEIGE/GRAY	ND	NO	--
02C	5/23/2014	0142103-006	THROUGHOUT DECK- NE	CONCRETE, BEIGE/GRAY	ND	NO	--
03A	5/23/2014	0142103-007	NORTH AND SOUTH- SE	CONCRETE BLOCK, BEIGE/TAN	ND	NO	--
03B	5/23/2014	0142103-008	NORTH AND SOUTH- SW	CONCRETE BLOCK, BEIGE/TAN	ND	NO	--
03C	5/23/2014	0142103-009	NORTH AND SOUTH- NE	CONCRETE BLOCK, BEIGE/TAN	ND	NO	--
04A	5/23/2014	0142103-010	DECK- SE	JOINT SEAL, GRAY	ND	NO	--
04B	5/23/2014	0142103-011	DECK- SW	JOINT SEAL, GRAY	ND	NO	--
04C	5/23/2014	0142103-012	DECK- NE	JOINT SEAL, GRAY	ND	NO	--
05A	5/23/2014	0142103-013	VARIOUS- SE	FELT, BLACK	ND	YES	--
05B	5/23/2014	0142103-014	VARIOUS- SW	FELT, BLACK	ND	YES	--
05C	5/23/2014	0142103-015	VARIOUS- NE	FELT, BLACK	ND	YES	--
06A	5/23/2014	0142103-016	BENEATH BRIDGE- WEST	CONCRETE, BEIGE/GRAY	ND	NO	--
06B	5/23/2014	0142103-017	BENEATH BRIDGE- WEST	CONCRETE, BEIGE/GRAY	ND	NO	--
06C	5/23/2014	0142103-018	BENEATH BRIDGE- EAST	CONCRETE, BEIGE/GRAY	ND	NO	--
07A	5/23/2014	0142103-019	WALLS BENEATH BRIDGE- WEST	FELT, BLACK	ND	YES	--
07B	5/23/2014	0142103-020	WALLS BENEATH BRIDGE- WEST	FELT, BLACK	ND	YES	--
07C	5/23/2014	0142103-021	WALLS BENEATH BRIDGE- EAST	FELT, BLACK	ND	YES	--
08A	5/23/2014	0142103-022	WALLS BENEATH BRIDGE- WEST	FELT, BEIGE/TAN	ND	YES	--
08B	5/23/2014	0142103-023	WALLS BENEATH BRIDGE- WEST	FELT, BEIGE/TAN	ND	YES	--
08C	5/23/2014	0142103-024	WALLS BENEATH BRIDGE- EAST	FELT, BEIGE/TAN	ND	YES	--

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ASBESTOS SAMPLE LOG AND ANALYSIS RESULTS
15 BRIDGES ALONG ROUTE 10
07-LA-10
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	JOINT SEAL, GRAY	ND	NO	--
03B	6/2/2014	0142104-008	DECK-S. CENTER	JOINT SEAL, GRAY	ND	NO	--
03C	6/2/2014	0142104-009	DECK- NW	JOINT SEAL, 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	JOINT SEAL, GRAY	ND	NO	--
03B	6/2/2014	0142105-008	DECK- SE	JOINT SEAL, GRAY	ND	NO	--
03C	6/2/2014	0142105-009	DECK- NW	JOINT SEAL, 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	--

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ASBESTOS SAMPLE LOG AND ANALYSIS RESULTS
15 BRIDGES ALONG ROUTE 10
07-LA-10
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
03C	6/2/2014	0142106-009	NORTH AND SOUTH- NE	CONCRETE BLOCK, BEIGE	ND	NO	--
04A	6/2/2014	0142106-010	DECK- SE	JOINT SEAL, GRAY	ND	NO	--
04B	6/2/2014	0142106-011	DECK- SW	JOINT SEAL, GRAY	ND	NO	--
04C	6/2/2014	0142106-012	DECK- NE	JOINT SEAL, GRAY	ND	NO	--
05A	6/2/2014	0142106-013	VARIOUS- SE	FELT, BROWN/BLACK	ND	YES	--
05B	6/2/2014	0142106-014	VARIOUS- SW	FELT, BROWN/BLACK	ND	YES	--
05C	6/2/2014	0142106-015	VARIOUS- NE	FELT, BROWN/BLACK	ND	YES	--
06A	6/2/2014	0142106-016	NORTH AND SOUTH- SE	MORTAR, BEIGE	ND	NO	--
06B	6/2/2014	0142106-017	NORTH AND SOUTH- SW	MORTAR, BEIGE	ND	NO	--
06C	6/2/2014	0142106-018	NORTH AND SOUTH- NE	MORTAR, BEIGE	ND	NO	--
07A	6/2/2014	0142106-019	BENEATH BRIDGE- NW	CONCRETE, GRAY	ND	NO	--
07B	6/2/2014	0142106-020	BENEATH BRIDGE- NW	CONCRETE, GRAY	ND	NO	--
07C	6/2/2014	0142106-021	BENEATH BRIDGE- NW	CONCRETE, GRAY	ND	NO	--
08A	6/2/2014	0142106-022	BENEATH DECK AT ABUTMENTS EAST	PIPE INSULATION, BLACK	ND	NO	--
08B	6/2/2014	0142106-023	BENEATH DECK AT ABUTMENTS EAST	PIPE INSULATION, BLACK	ND	NO	--
08C	6/2/2014	0142106-024	BENEATH DECK AT ABUTMENTS WEST	PIPE INSULATION, BLACK	ND	NO	--
EAST EL MONTE OH - BRIDGE #53-0867							
01A	6/2/2014	0142107-001	GUARD RAILING- SW	CONCRETE, GRAY	ND	NO	--
01B	6/2/2014	0142107-002	GUARD RAILING- SE	CONCRETE, GRAY	ND	NO	--
01C	6/2/2014	0142107-003	GUARD RAILING- NE	CONCRETE, GRAY	ND	NO	--
02A	6/2/2014	0142107-004	THROUGHOUT DECK- SW	CONCRETE, GRAY	ND	NO	--
02B	6/2/2014	0142107-005	THROUGHOUT DECK-SE	CONCRETE, GRAY	ND	NO	--
02C	6/2/2014	0142107-006	THROUGHOUT DECK- NE	CONCRETE, GRAY	ND	NO	--
03A	6/2/2014	0142107-007	SOUTH	CONCRETE BLOCK, BEIGE/TAN	ND	NO	--
03B	6/2/2014	0142107-008	SOUTH	CONCRETE BLOCK, BEIGE/TAN	ND	NO	--
03C	6/2/2014	0142107-009	SOUTH	CONCRETE BLOCK, BEIGE/TAN	ND	NO	--
04A	6/2/2014	0142107-010	DECK- SW	JOINT SEAL, GRAY	ND	NO	--
04B	6/2/2014	0142107-011	DECK- SW	JOINT SEAL, GRAY	ND	NO	--
04C	6/2/2014	0142107-012	DECK- NE	JOINT SEAL, GRAY	ND	NO	--
05A	6/2/2014	0142107-013	VARIOUS- SW	FELT, BROWN	ND	YES	--
05B	6/2/2014	0142107-014	VARIOUS- SE	FELT, BROWN	ND	YES	--
05C	6/2/2014	0142107-015	VARIOUS EAST (WALL BENEATH BRIDGE)	FELT, BROWN	ND	YES	--
06A	6/2/2014	0142107-016	SOUTH SW	MORTAR, BEIGE/GRAY	ND	NO	--
06B	6/2/2014	0142107-017	SOUTH SW	MORTAR, BEIGE/GRAY	ND	NO	--
06C	6/2/2014	0142107-018	SOUTH SE	MORTAR, BEIGE/GRAY	ND	NO	--
07A	6/2/2014	0142107-019	GUARDRAILS- SOUTH	SEALANT, GRAY	ND	NO	--
08A	6/2/2014	0142107-020	BENEATH BRIDGE, CENTER	PARTICLE BOARD, TAN	ND	NO	--
08B	6/2/2014	0142107-021	BENEATH BRIDGE, CENTER	PARTICLE BOARD, TAN	ND	NO	--
08C	6/2/2014	0142107-022	BENEATH BRIDGE, CENTER	PARTICLE BOARD, TAN	ND	NO	--
09A	6/2/2014	0142107-023	BENEATH DECK AT ABUTMENTS, NORTH	PIPE INSULATION, BLACK	ND	NO	--
09B	6/2/2014	0142107-024	BENEATH DECK AT ABUTMENTS, NORTH	PIPE INSULATION, BLACK	ND	NO	--
09C	6/2/2014	0142107-025	BENEATH DECK AT ABUTMENTS, SOUTH	PIPE INSULATION, BLACK	ND	NO	--
LEXINGTON AVE UC - BRIDGE #53-0883							
01A	5/23/2014	0142108-001	GUARDRAILS- SW	CONCRETE, GRAY	ND	NO	--
01B	5/23/2014	0142108-002	GUARDRAILS- SE	CONCRETE, GRAY	ND	NO	--
01C	5/23/2014	0142108-003	GUARDRAILS- NW	CONCRETE, GRAY	ND	NO	--
02A	5/23/2014	0142108-004	THROUGHOUT DECK-SW	CONCRETE, GRAY	ND	NO	--
02B	5/23/2014	0142108-005	THROUGHOUT DECK-SE	CONCRETE, GRAY	ND	NO	--
02C	5/23/2014	0142108-006	THROUGHOUT DECK- NW	CONCRETE, GRAY	ND	NO	--
03A	5/23/2014	0142108-007	NORTH AND SOUTH- SW	CONCRETE BLOCK, BEIGE	ND	NO	--
03B	5/23/2014	0142108-008	NORTH AND SOUTH- SE	CONCRETE BLOCK, BEIGE	ND	NO	--
03C	5/23/2014	0142108-009	NORTH AND SOUTH- NW	CONCRETE BLOCK, BEIGE	ND	NO	--
04A	5/23/2014	0142108-010	DECK- SW	JOINT SEAL, GRAY	ND	NO	--
04B	5/23/2014	0142108-011	DECK- SE	JOINT SEAL, GRAY	ND	NO	--
04C	5/23/2014	0142108-012	DECK- NW	JOINT SEAL, GRAY	ND	NO	--
05A	5/23/2014	0142108-013	VARIOUS- SW	FELT, BROWN/BLACK	ND	YES	--

TABLE 1
ASBESTOS SAMPLE LOG AND ANALYSIS RESULTS
15 BRIDGES ALONG ROUTE 10
07-LA-10
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
05B	5/23/2014	0142108-014	VARIOUS- SE	LAYER 1: FELT, BROWN/BLACK	ND	YES	--
				LAYER 2: PAINT/ COATING, WHITE	ND	NO	--
05C	5/23/2014	0142108-015	VARIOUS- NW	FELT, BROWN/BLACK	ND	YES	--
06A	5/23/2014	0142108-016	BENEATH BRIDGE- WEST	LAYER 1: CONCRETE, GRAY	ND	NO	--
				LAYER 2: PAINT/ COATING, WHITE/GRAY	ND	NO	--
06B	5/23/2014	0142108-017	BENEATH BRIDGE- WEST	LAYER 1: CONCRETE, GRAY	ND	NO	--
				LAYER 2: PAINT/ COATING, GRAY	ND	NO	--
06C	5/23/2014	0142108-018	BENEATH BRIDGE- EAST	LAYER 1: CONCRETE, GRAY	ND	NO	--
				LAYER 2: PAINT/ COATING, GRAY	ND	NO	--
07A	5/23/2014	0142108-019	WALLS BENEATH BRIDGE- WEST	LAYER 1: FELT, DK BROWN/BLACK	ND	YES	--
				LAYER 2: PAINT/ COATING, WHITE	ND	NO	--
07B	5/23/2014	0142108-020	WALLS BENEATH BRIDGE- WEST	LAYER 1: FELT, DK BROWN/BLACK	ND	YES	--
				LAYER 2: PAINT/ COATING, WHITE	ND	NO	--
07C	5/23/2014	0142108-021	WALLS BENEATH BRIDGE- EAST	LAYER 1: FELT, DK BROWN/BLACK	ND	YES	--
				LAYER 2: PAINT/ COATING, WHITE	ND	NO	--
08A	5/23/2014	0142108-022	WALLS BENEATH BRIDGE- WEST	LAYER 1: FELT, TAN	ND	NO	--
				LAYER 2: PAINT/COATING, WHITE	ND	NO	--
08B	5/23/2014	0142108-023	WALLS BENEATH BRIDGE- WEST	LAYER 1: FELT, TAN	ND	NO	--
				LAYER 2: PAINT/ COATING, WHITE	ND	NO	--
08C	5/23/2014	0142108-024	WALLS BENEATH BRIDGE- EAST	LAYER 1: FELT, TAN	ND	NO	--
				LAYER 2: PAINT/ COATING , WHITE	ND	NO	--
09A	5/23/2014	0142108-025	NORTH AND SOUTH- SW	MORTAR, BEIGE	ND	NO	--
09B	5/23/2014	0142108-026	NORTH AND SOUTH- SE	MORTAR, BEIGE	ND	NO	--
09C	5/23/2014	0142108-027	NORTH AND SOUTH- NW	MORTAR, BEIGE	ND	NO	--
10A	5/23/2014	0142108-028	THROUGHOUT DECK- NORTH	ADHESIVE, BLACK	ND	NO	--
10B	5/23/2014	0142108-029	THROUGHOUT DECK- NORTH	ADHESIVE, BLACK	ND	NO	--
10C	5/23/2014	0142108-030	THROUGHOUT DECK- NORTH	ADHESIVE, BLACK	ND	NO	--
STEWART ST ON-RAMP UC - BRIDGE #53-1030							
01A	6/2/2014	0142109-001	GUARD RAILING- SW	CONCRETE, GRAY	ND	NO	--
01B	6/2/2014	0142109-002	GUARD RAILING- SE	CONCRETE, GRAY	ND	NO	--
01C	6/2/2014	0142109-003	GUARD RAILING- NW	CONCRETE, GRAY	ND	NO	--
02A	6/2/2014	0142109-004	THROUGHOUT DECK- SW	CONCRETE, GRAY	ND	NO	--
02B	6/2/2014	0142109-005	THROUGHOUT DECK- SE	CONCRETE, GRAY	ND	NO	--
02C	6/2/2014	0142109-006	THROUGHOUT DECK- NE	CONCRETE, GRAY	ND	NO	--
03A	6/2/2014	0142109-007	SOUTH- SW	CONCRETE BLOCK, BEIGE	ND	NO	--
03B	6/2/2014	0142109-008	SOUTH- SE	CONCRETE BLOCK, BEIGE	ND	NO	--
03C	6/2/2014	0142109-009	SOUTH-SW	CONCRETE BLOCK, BEIGE	ND	NO	--
04A	6/2/2014	0142109-010	DECK- SW	JOINT SEAL, GRAY	ND	NO	--
04B	6/2/2014	0142109-011	DECK- SE	JOINT SEAL, GRAY	ND	NO	--
04C	6/2/2014	0142109-012	DECK- NE	JOINT SEAL, GRAY	ND	NO	--
05A	6/2/2014	0142109-013	VARIOUS- SW	FELT, BROWN/BLACK	ND	YES	--
05B	6/2/2014	0142109-014	VARIOUS- SE	FELT, BROWN/BLACK	ND	YES	--
05C	6/2/2014	0142109-015	VARIOUS- SE	FELT, BROWN/BLACK	ND	YES	--
06A	6/2/2014	0142109-016	SOUTH- SW	MORTAR, BEIGE	ND	NO	--
06B	6/2/2014	0142109-017	SOUTH- SE	MORTAR, BEIGE	ND	NO	--
06C	6/2/2014	0142109-018	SOUTH- SE	MORTAR, BEIGE	ND	NO	--
07A	6/2/2014	0142109-019	BENEATH DECK- NW	CONCRETE, GRAY	ND	NO	--
07B	6/2/2014	0142109-020	BENEATH DECK- NW	CONCRETE, GRAY	ND	NO	--
07C	6/2/2014	0142109-021	BENEATH DECK- NW	CONCRETE, GRAY	ND	NO	--

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15 BRIDGES ALONG ROUTE 10
07-LA-10
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
DURFEE RD UC - BRIDGE #53-1031							
01A	6/3/2014	0142110-001	GUARDRAILS- SW	CONCRETE, GRAY	ND	NO	--
01B	6/3/2014	0142110-002	GUARDRAILS- SE	CONCRETE, GRAY	ND	NO	--
01C	6/3/2014	0142110-003	GUARDRAILS- NE	CONCRETE, GRAY	ND	NO	--
02A	6/3/2014	0142110-004	THROUGHOUT DECK- SW	CONCRETE, GRAY	ND	NO	--
02B	6/3/2014	0142110-005	THROUGHOUT DECK- SE	CONCRETE, GRAY	ND	NO	--
02C	6/3/2014	0142110-006	THROUGHOUT DECK- NE	CONCRETE, GRAY	ND	NO	--
03A	6/3/2014	0142110-007	NORTH- NE	CONCRETE BLOCK, BROWN	ND	NO	--
03B	6/3/2014	0142110-008	NORTH- NE	CONCRETE BLOCK, BROWN	ND	NO	--
03C	6/3/2014	0142110-009	NORTH- NW	CONCRETE BLOCK, BROWN	ND	NO	--
04A	6/3/2014	0142110-010	DECK- SW	JOINT SEAL, GRAY	ND	NO	--
04B	6/3/2014	0142110-011	DECK- SE	JOINT SEAL, GRAY	ND	NO	--
04C	6/3/2014	0142110-012	DECK- NE	JOINT SEAL, GRAY	ND	NO	--
05A	6/3/2014	0142110-013	VARIOUS- SE	FELT, BLACK	ND	YES	--
05B	6/3/2014	0142110-014	VARIOUS- NE	FELT, BLACK	ND	YES	--
05C	6/3/2014	0142110-015	VARIOUS- NW	FELT, BLACK	ND	YES	--
06A	6/3/2014	0142110-016	NORTH- SE	MORTAR, BEIGE	ND	NO	--
06B	6/3/2014	0142110-017	NORTH- NE	MORTAR, GRAY	ND	NO	--
06C	6/3/2014	0142110-018	NORTH- NW	MORTAR, BEIGE	ND	NO	--
07A	6/3/2014	0142110-019	SOUTH (EB)	CONCRETE, GRAY	ND	NO	--
07B	6/3/2014	0142110-020	SOUTH (EB)	CONCRETE, GRAY	ND	NO	--
07C	6/3/2014	0142110-021	SOUTH (EB)	CONCRETE, GRAY	ND	NO	--
08A	6/3/2014	0142110-022	GUARDRAILS- SE	SEALANT, GRAY	ND	NO	--
09A	6/3/2014	0142110-023	BENEATH BRIDGE- EAST	CONCRETE, GRAY	ND	NO	--
09B	6/3/2014	0142110-024	BENEATH BRIDGE- EAST	CONCRETE, GRAY	ND	NO	--
09C	6/3/2014	0142110-025	BENEATH BRIDGE- WEST	CONCRETE, GRAY	ND	NO	--
10A	6/3/2014	0142110-026	BENEATH DECK AT ABUTMENTS- EAST	PIPE INSULATION, BLACK	ND	NO	--
10B	6/3/2014	0142110-027	BENEATH DECK AT ABUTMENTS- EAST	PIPE INSULATION, BLACK	ND	NO	--
10C	6/3/2014	0142110-028	BENEATH DECK AT ABUTMENTS- WEST	PIPE INSULATION, BLACK	ND	NO	--
11A	6/3/2014	0142110-029	BENEATH BRIDGE- WEST	FELT, DK BROWN	ND	YES	--
11B	6/3/2014	0142110-030	BENEATH BRIDGE- WEST	FELT, DK BROWN	ND	YES	--
11C	6/3/2014	0142110-031	BENEATH BRIDGE- WEST	FELT, DK BROWN	ND	YES	--
BALDWIN AVE UC - BRIDGE #53-1021C							
01A	5/22/2014	0142027-001	GUARD RAILING- NORTH	CONCRETE, GRAY	ND	NO	--
01B	5/22/2014	0142027-002	GUARD RAILING- NORTH	CONCRETE, GRAY	ND	NO	--
01C	5/22/2014	0142027-003	GUARD RAILING- NORTH	CONCRETE, GRAY	ND	NO	--
02A	5/22/2014	0142027-004	DECK NORTH	CONCRETE, GRAY	ND	NO	--
02B	5/22/2014	0142027-005	DECK NORTH	CONCRETE, GRAY	ND	NO	--
02C	5/22/2014	0142027-006	DECK NORTH	CONCRETE, GRAY	ND	NO	--
03A	5/22/2014	0142027-007	THROUGHOUT DECK- NW	CONCRETE, GRAY	ND	NO	--
03B	5/22/2014	0142027-008	THROUGHOUT DECK- NE	CONCRETE, GRAY	ND	NO	--
03C	5/22/2014	0142027-009	THROUGHOUT DECK- SW	CONCRETE, GRAY	ND	NO	--
04A	5/22/2014	0142027-010	DECK-WEST	JOINT SEAL, GRAY	ND	NO	--
04B	5/22/2014	0142027-011	DECK-WEST	JOINT SEAL, GRAY	ND	NO	--
04C	5/22/2014	0142027-012	DECK-EAST	JOINT SEAL, GRAY	ND	NO	--
05A	5/22/2014	0142027-013	VARIOUS-NW	LAYER 1: FELT, BROWN LAYER 2: COATING, GRAY	ND ND	YES NO	-- --
05B	5/22/2014	0142027-014	VARIOUS-NW	LAYER 1: FELT, BROWN LAYER 2: COATING, GRAY	ND ND	YES NO	-- --
05C	5/22/2014	0142027-015	VARIOUS-NE	LAYER 1: FELT, BROWN LAYER 2: COATING, GRAY	ND ND	YES NO	-- --
06A	5/22/2014	0142027-016	THROUGHOUT DECK- WEST	ADHESIVE, BLACK	ND	NO	--
06B	5/22/2014	0142027-017	THROUGHOUT DECK- EAST	ADHESIVE, BLACK	ND	NO	--
06C	5/22/2014	0142027-018	THROUGHOUT DECK- SOUTH	ADHESIVE, BLACK	ND	NO	--
07A	5/22/2014	0142027-019	DECK- SW	FELT, DK BROWN	ND	YES	--
07B	5/22/2014	0142027-020	DECK- SW	LAYER 1: FELT, BROWN LAYER 2: COATING, LT GRAY	ND ND	YES NO	-- --
07C	5/22/2014	0142027-021	DECK- SE	FELT, DK BROWN	ND	YES	--
08A	5/22/2014	0142027-022	DECK SOUTH- SW	SEALANT, WHITE/ LT GRAY	ND	NO	--
09A	5/22/2014	0142027-023	DECK- NW	TAPE, WHITE/BLACK	ND	NO	--

TABLE 1
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15 BRIDGES ALONG ROUTE 10
07-LA-10
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
09B	5/22/2014	0142027-024	DECK-N/ CENTER	TAPE, WHITE/BLACK	ND	NO	--
09C	5/22/2014	0142027-025	DECK- NE	TAPE, WHITE/BLACK	ND	NO	--
ROSEMEAD BLVD UC - BRIDGE #53-0010K							
01A	5/22/2014	0142028-001	GUARD RAILING- NW	CONCRETE, GRAY	ND	NO	--
01B	5/22/2014	0142028-002	GUARD RAILING- NE	CONCRETE, GRAY	ND	NO	--
01C	5/22/2014	0142028-003	GUARD RAILING- SW	CONCRETE, GRAY	ND	NO	--
02A	5/22/2014	0142028-004	DECK NEAR GUARD RAILING- NORTH	CONCRETE, GRAY	ND	NO	--
02B	5/22/2014	0142028-005	DECK NEAR GUARD RAILING- NORTH	CONCRETE, GRAY	ND	NO	--
02C	5/22/2014	0142028-006	DECK NEAR GUARD RAILING- NORTH	CONCRETE, GRAY	ND	NO	--
03A	5/22/2014	0142028-007	THROUGHOUT DECK- NW	CONCRETE, GRAY	ND	NO	--
03B	5/22/2014	0142028-008	THROUGHOUT DECK- NE	CONCRETE, GRAY	ND	NO	--
03C	5/22/2014	0142028-009	THROUGHOUT DECK- SW	CONCRETE, GRAY	ND	NO	--
04A	5/22/2014	0142028-010	DECK AT ABUTMENT- NW	ASPHALT, BLACK	ND	NO	--
04B	5/22/2014	0142028-011	DECK AT ABUTMENT- NE	ASPHALT, BLACK	ND	NO	--
04C	5/22/2014	0142028-012	DECK AT ABUTMENTS- SE	ASPHALT, BLACK	ND	NO	--
05A	5/22/2014	0142028-013	VARIOUS- NW	FELT, BROWN/BLACK	ND	YES	--
05B	5/22/2014	0142028-014	VARIOUS- NE	FELT, BROWN/BLACK	ND	YES	--
05C	5/22/2014	0142028-015	VARIOUS- SE	FELT, BROWN/BLACK	ND	YES	--
06A	5/22/2014	0142028-016	GUARDRAILS AND DECK (OPPOSITE TRAFFIC SIDE) NORTH	LAYER 1: PLASTER, BEIGE/GRAY	ND	NO	--
				LAYER 2: PAINT, TAN	ND	NO	--
06B	5/22/2014	0142028-017	GUARDRAILS AND DECK (OPPOSITE TRAFFIC SIDE) NORTH	LAYER 1: PLASTER, BLACK/GRAY	ND	NO	--
				LAYER 2: PAINT, TAN	ND	NO	--
06C	5/22/2014	0142028-018	GUARDRAILS AND DECK (OPPOSITE TRAFFIC SIDE) SOUTH	LAYER 1: PLASTER, BEIGE/GRAY	ND	NO	--
				LAYER 2: PAINT, TAN	ND	NO	--
07A	5/22/2014	0142028-019	ABUTMENTS- NW	MAT, BLACK	ND	YES	--
07B	5/22/2014	0142028-020	ABUTMENTS- NE	LAYER 1: MAT, BLACK	ND	YES	--
				LAYER 2: PAINT/COATING, BEIGE/TAN	ND	NO	--
07C	5/22/2014	0142028-021	ABUTMENTS- SW	MAT, BLACK	ND	YES	--
08A	5/22/2014	0142028-022	THROUGHOUT DECK- SOUTH	ADHESIVE, BLACK	ND	NO	--
08B	5/22/2014	0142028-023	THROUGHOUT DECK- SOUTH	ADHESIVE, BLACK	ND	NO	--
08C	5/22/2014	0142028-024	THROUGHOUT DECK- SOUTH	ADHESIVE, BLACK	ND	NO	--
09A	5/22/2014	0142028-025	BENEATH DECK- WEST	PIPE, WHITE/BLACK	ND	NO	--
09B	5/22/2014	0142028-026	BENEATH DECK- WEST	PIPE, WHITE/BLACK	ND	NO	--
09C	5/22/2014	0142028-027	BENEATH DECK- EAST	PIPE, WHITE/BLACK	ND	NO	--
10A	5/22/2014	0142028-028	ABUTMENTS- NW	PARTICLE BOARD/PLASTER, TAN/GRAY	ND	NO	--
10B	5/22/2014	0142028-029	ABUTMENTS- NE	PARTICLE BOARD/PLASTER, TAN/GRAY	ND	NO	--
10C	5/22/2014	0142028-030	ABUTMENTS- SE	PARTICLE BOARD, TAN/GRAY	ND	NO	--
11A	5/22/2014	0142028-031	GUARDRAILS- NORTH	SEALANT, GRAY	ND	NO	--
11B	5/22/2014	0142028-032	GUARDRAILS- NORTH	SEALANT, GRAY	ND	NO	--
11C	5/22/2014	0142028-033	GUARDRAILS- SOUTH	SEALANT, GRAY	ND	NO	--
LAFC ACCESS ROAD - BRIDGE #53-2636							
01A	5/22/2014	0412029-001	GUARD RAILING- WEST	GUARD RAILING CONCRETE, GRAY	ND	NO	--
01B	5/22/2014	0142029-002	GUARD RAILING- WEST	GUARD RAILING CONCRETE, GRAY	ND	NO	--
01C	5/22/2014	0142029-003	GUARD RAILING- EAST	GUARD RAILING CONCRETE, GRAY	ND	NO	--
02A	5/22/2014	0142029-004	THROUGHOUT DECK- EAST	DECK CONCRETE, GRAY	ND	NO	--
02B	5/22/2014	0142029-005	THROUGHOUT DECK- EAST	DECK CONCRETE, GRAY	ND	NO	--
02C	5/22/2014	0142029-006	THROUGHOUT DECK- WEST	DECK CONCRETE, GRAY	ND	NO	--
03A	5/22/2014	0142029-007	VARIOUS- WEST	GUARD RAILING FELT, BLACK	ND	YES	--

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07-LA-10
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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
03B	5/22/2014	0142029-008	VARIOUS- WEST	GUARD RAILING FELT, BLACK	ND	YES	--
03C	5/22/2014	0142029-009	VARIOUS- EAST	GUARD RAILING FELT, BLACK	ND	YES	--
04A	5/22/2014	0142029-010	DECK- WEST	DECK JOINT SEALANT, GRAY	ND	NO	--
04B	5/22/2014	0142029-011	DECK- WEST	DECK JOINT SEALANT, GRAY	ND	NO	--
04C	5/22/2014	0142029-012	DECK- EAST	DECK JOINT SEALANT, GRAY	ND	NO	--
05A	5/22/2014	0142029-013	BACK WALLS BENEATH BRIDGE- WEST	LAYER 1: PARTICLE BOARD, TAN	ND	NO	--
				LAYER 2: MASTIC, BROWN	ND	NO	--
05B	5/22/2014	0142029-014	BACK WALLS BENEATH BRIDGE- WEST	LAYER 1: PARTICLE BOARD, TAN	ND	NO	--
				LAYER 2: PAINT, GRAY/SILVER	ND	NO	--
05C	5/22/2014	0142029-015	BACK WALLS BENEATH BRIDGE- EAST	PARTICLE BOARD DEBRIS/PAINT, GRAY NOTE: LAYER IS MAINLY PAINT	ND	NO	--
06A	5/22/2014	0142029-016	BACK WALLS BENEATH BRIDGE- WEST	PAPER LIKE PIPE, BLACK	ND	YES	--
06B	5/22/2014	0142029-017	BACK WALLS BENEATH BRIDGE- EAST	PAPER LIKE PIPE, BLACK	ND	YES	--
06C	5/22/2014	0142029-018	BACK WALLS BENEATH BRIDGE- EAST	PAPER LIKE PIPE, BLACK	ND	YES	--
SANTA ANITA AVE UC- BRIDGE #53-0658							
01A	5/23/2014	0142030-001	GUARD RAILING- SW	CONCRETE, GRAY	ND	NO	--
01B	5/23/2014	0142030-002	GUARD RAILING- SE	CONCRETE, GRAY	ND	NO	--
01C	5/23/2014	0142030-003	GUARD RAILING-NE	CONCRETE, BEIGE	ND	NO	--
02A	5/23/2014	0142030-004	THROUGHOUT DECK- SW	CONCRETE, BEIGE	ND	NO	--
02B	5/23/2014	0142030-005	THROUGHOUT DECK- SE	CONCRETE, BEIGE	ND	NO	--
02C	5/23/2014	0142030-006	THROUGHOUT DECK- NE	CONCRETE, BEIGE	ND	NO	--
03A	5/23/2014	0142030-007	SOUTH- SW	CONCRETE BLOCK, BEIGE	ND	NO	--
03B	5/23/2014	0142030-008	SOUTH- SOUTH/CENTER	CONCRETE BLOCK, BEIGE	ND	NO	--
03C	5/23/2014	0142030-009	SOUTH- SE	CONCRETE BLOCK, BEIGE	ND	NO	--
04A	5/23/2014	0142030-010	DECK- WEST	JOINT SEAL, GRAY	ND	NO	--
04B	5/23/2014	0142030-011	DECK- EAST	JOINT SEAL, GRAY	ND	NO	--
04C	5/23/2014	0142030-012	DECK- EAST	JOINT SEAL, GRAY	ND	NO	--
05A	5/23/2014	0142030-013	VARIOUS- SW	FELT, BLACK	ND	YES	--
05B	5/23/2014	0142030-014	VARIOUS- SE	FELT, BLACK	ND	YES	--
05C	5/23/2014	0142030-015	VARIOUS- NE	FELT, BLACK	ND	YES	--
06A	5/23/2014	0142030-016	ABUTMENTS AND BACK WALLS- WEST	CONCRETE, GRAY	ND	NO	--
06B	5/23/2014	0142030-017	ABUTMENTS AND BACK WALLS- WEST	CONCRETE, GRAY	ND	NO	--
06C	5/23/2014	0142030-018	ABUTMENTS AND BACK WALLS- EAST	CONCRETE, GRAY	ND	NO	--
07A	5/23/2014	0142030-019	BENEATH BRIDGE- WEST	CONCRETE, GRAY	ND	NO	--
07B	5/23/2014	0142030-020	BENEATH BRIDGE- WEST	CONCRETE, GRAY	ND	NO	--
07C	5/23/2014	0142030-021	BENEATH BRIDGE- WEST	CONCRETE, GRAY	ND	NO	--
08A	5/23/2014	0142030-022	SOUTH- SW	MORTAR, BEIGE	ND	NO	--
08B	5/23/2014	0142030-023	SOUTH- SOUTH/CENTER	MORTAR, BEIGE	ND	NO	--
08C	5/23/2014	0142030-024	SOUTH- SE	MORTAR, BEIGE	ND	NO	--
ROSEMEAD BLVD UC - BRIDGE #53-0010S							
01A	5/22/2014	0142031-001	GUARD RAILING- NORTH	CONCRETE, GRAY/ORANGE	ND	NO	--
01B	5/22/2014	0142031-002	GUARD RAILING- NORTH	CONCRETE, GRAY	ND	NO	--
01C	5/22/2014	0142031-003	GUARD RAILING- SOUTH	CONCRETE, GRAY	ND	NO	--
02A	5/22/2014	0142031-004	DECK NEAR GUARD RAILING- SOUTH	CONCRETE, GRAY	ND	NO	--
02B	5/22/2014	0142031-005	DECK NEAR GUARD RAILING- SOUTH	CONCRETE, GRAY	ND	NO	--
02C	5/22/2014	0142031-006	DECK NEAR GUARD RAILING- SOUTH	CONCRETE, GRAY	ND	NO	--
03A	5/22/2014	0142031-007	THROUGHOUT DECK- NORTH	CONCRETE, GRAY	ND	NO	--
03B	5/22/2014	0142031-008	THROUGHOUT DECK- NORTH	CONCRETE, GRAY	ND	NO	--
03C	5/22/2014	0142031-009	THROUGHOUT DECK- SOUTH	CONCRETE, GRAY	ND	NO	--
04A	5/22/2014	0142031-010	DECK AT ABUTMENT- WEST	ASPHALT, BLACK	ND	NO	--

TABLE 1
 ASBESTOS SAMPLE LOG AND ANALYSIS RESULTS
 15 BRIDGES ALONG ROUTE 10
 07-LA-10
 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
04B	5/22/2014	0142031-011	DECK AT ABUTMENT-EAST	ASPHALT, BLACK	ND	NO	--
04C	5/22/2014	0142031-012	DECK AT ABUTMENT-EAST	ASPHALT, BLACK	ND	NO	--
05A	5/22/2014	0142031-013	VARIOUS- NW	FELT, BROWN/BLACK	ND	YES	--
05B	5/22/2014	0142031-014	VARIOUS- NE	FELT, BROWN/BLACK	ND	YES	--
05C	5/22/2014	0142031-015	VARIOUS- SE	FELT, BROWN/BLACK	ND	YES	--
06A	5/22/2014	0142031-016	GUARDRAILS AND DECK (OPPOSITE TRAFFIC SIDE)- NORTH	LAYER 1: PLASTER-SCRATCH COAT, GRAY	ND	NO	--
				LAYER 2: PLASTER-TEXTURED PAINT, TAN	ND	NO	--
06B	5/22/2014	0142031-017	GUARDRAILS AND DECK (OPPOSITE TRAFFIC SIDE)- NORTH	LAYER 1: PLASTER-SCRATCH COAT, GRAY	ND	NO	--
				LAYER 2: PLASTER-TEXTURED PAINT, TAN	ND	NO	--
06C	5/22/2014	0142031-018	GUARDRAILS AND DECK (OPPOSITE TRAFFIC SIDE)- SOUTH	LAYER 1: PLASTER-SCRATCH COAT, GRAY	ND	NO	--
				LAYER 2: PLASTER-TEXTURED PAINT, TAN	ND	NO	--
07A	5/22/2014	0142031-019	ABUTMENTS- NW	EXPANSION MATERIAL, BLACK	ND	YES	--
07B	5/23/2014	0142031-020	ABUTMENTS- NE	EXPANSION MATERIAL, BLACK	ND	YES	--
07C	5/24/2014	0142031-021	ABUTMENTS- SW	EXPANSION MATERIAL, BLACK/BROWN	ND	YES	--
08A	5/25/2014	0142031-022	THROUGHOUT DECK- NW	ADHESIVE, BLACK	ND	NO	--
08B	5/26/2014	0142031-023	THROUGHOUT DECK- NORTH CENTER	ADHESIVE, BLACK	ND	NO	--
08C	5/27/2014	0142031-024	THROUGHOUT DECK- NE	ADHESIVE, BLACK	ND	NO	--
09A	5/22/2014	0142031-025	BENEATH DECK- WEST	LAYER 1: PIPE, WHITE/TAN	ND	NO	--
				LAYER 2: PIPE, BLACK	ND	NO	--
09B	5/22/2014	0142031-026	BENEATH DECK- EAST	LAYER 1: PIPE, WHITE/TAN	ND	NO	--
				LAYER 2: PIPE, BLACK	ND	NO	--
09C	5/22/2014	0142031-027	BENEATH DECK- WEST	LAYER 1: PIPE, WHITE/TAN	ND	NO	--
				LAYER 2: PIPE, BLACK	ND	NO	--
10A	5/22/2014	0142031-028	ABUTMENTS- NW	PARTICLE BOARD, TAN/BLACK	ND	YES	--
10B	5/22/2014	0142031-029	ABUTMENTS- NE	PARTICLE BOARD, TAN/BLACK	ND	YES	--
10C	5/22/2014	0142031-030	ABUTMENTS- SE	PARTICLE BOARD, TAN/BLACK	ND	YES	--

NOTES:

ND = No asbestos detected.

Asbestos sample locations are depicted on attached Figures.

Bulk sample analyses completed by polarized light microscopy (PLM).

NA = Not applicable since no asbestos was detected

Analytical documentation is in Appendix C

**APPENDIX A
PHOTOGRAPHIC RECORD**

**STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD**

Client: Calif. Department of Transportation, District 7	Job Number: 185831010
Site Name: Bridge Preservation (15 bridges)	Location: Interstate 10, Los Angeles County
Photographer: Jason Stagno	Date: May 22 and 23 and June 2 and 3, 2014

Photograph No. 1



ROSEMEAD BOULEVARD (ROUTE 10/164 SEPARATION; 53-0010K): FACING WEST ACROSS BRIDGE.

Photograph No. 2



ROSEMEAD BOULEVARD (ROUTE 10/164 SEPARATION; 53-0010S): ROUTE 10/164 COLLECTOR SEPARATOR SIGN.

**STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD**

Client: Calif. Department of Transportation, District 7

Job Number: 185831010

Site Name: Bridge Preservation (15 bridges)

Location: Interstate 10, Los Angeles County

Photographer: Jason Stagno

Date: May 22 and 23 and June 2 and 3, 2014

Photograph No. 3



BALDWIN AVENUE UC BRIDGE (53-1021C): FACING EAST ACROSS BRIDGE.

Photograph No. 4



SANTA ANITE UC BRIDGE (53-0685): VIEW OF SEAM CONTAINING EXPANSION JOINT FELT. SAMPLED AND NOT FOUND TO CONTAIN ASBESTOS.

**STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD**

Client: Calif. Department of Transportation, District 7

Job Number: 185831010

Site Name: Bridge Preservation (15 bridges)

Location: Interstate 10, Los Angeles County

Photographer: Jason Stagno

Date: May 22 and 23 and June 2 and 3, 2014

Photograph No. 5



LEXINGTON AVENUE UC BRIDGE (53-0883): LEXINGTON AVENUE SIGN.

Photograph No. 6



LAFC ACCESS ROAD BRIDGE (53-2636): FACING SOUTHWEST ACROSS BRIDGE.

**STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD**

Client: Calif. Department of Transportation, District 7

Job Number: 185831010

Site Name: Bridge Preservation (15 bridges)

Location: Interstate 10, Los Angeles County

Photographer: Jason Stagno

Date: May 22 and 23 and June 2 and 3, 2014

Photograph No. 7



TYLER AVENUE UC BRIDGE (53-0659): VIEW OF GUARD RAIL AND BLOCK WALL ALONG SOUTH SIDE OF BRIDGE. SAMPLED AND NOT FOUND TO CONTAIN ASBESTOS.

Photograph No. 8



MEEKER ROAD UC BRIDGE (53-1029): FACING EAST ACROSS BRIDGE.

**STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD**

Client: Calif. Department of Transportation, District 7

Job Number: 185831010

Site Name: Bridge Preservation (15 bridges)

Location: Interstate 10, Los Angeles County

Photographer: Jason Stagno

Date: May 22 and 23 and June 2 and 3, 2014

Photograph No. 9



PECK ROAD UC BRIDGE (53-0661): PECK ROAD SIGN.

Photograph No. 10



VALLEY BOULEVARD UC BRIDGE (53-0660): VIEW OF GUARD RAIL REFLECTOR WITH MASTIC. SAMPLED AND NOT FOUND TO CONTAIN ASBESTOS.

**STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD**

Client: Calif. Department of Transportation, District 7

Job Number: 185831010

Site Name: Bridge Preservation (15 bridges)

Location: Interstate 10, Los Angeles County

Photographer: Jason Stagno

Date: May 22 and 23 and June 2 and 3, 2014

Photograph No. 11



EAST EL MONTE OH UC BRIDGE (53-0867): VIEW OF BLACK DRAIN LINES SAMPLED AND NOT FOUND TO CONTAIN ASBESTOS.

Photograph No. 12



STEWART STREET ON-RAMP UC BRIDGE (53-1030): VIEW OF CONCRETE WEEP HOLES (SEE RED ARROW) SAMPLED AND NOT FOUND TO CONTAIN ASBESTOS.

**STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD**

Client: Calif. Department of Transportation, District 7

Job Number: 185831010

Site Name: Bridge Preservation (15 bridges)

Location: Interstate 10, Los Angeles County

Photographer: Jason Stagno

Date: May 22 and 23 and June 2 and 3, 2014

Photograph No. 13



COGSWELL ROAD UC BRIDGE (53-0662): VIEW OF TYPICAL SEAM CONTAINING EXPANSION FELT (SEE RED ARROW), LOCATED BENEATH BRIDGE.

Photograph No. 14



DURFEE ROAD UC BRIDGE (53-1031): VIEW OF GUARD RAIL REFLECTOR MASTIC (SEE RED ARROW). SAMPLED AND NOT FOUND TO CONTAIN ASBESTOS.

**STANTEC CONSULTING SERVICES INC
PHOTOGRAPHIC RECORD**

Client: Calif. Department of Transportation, District 7

Job Number: 185831010

Site Name: Bridge Preservation (15 bridges)

Location: Interstate 10, Los Angeles County

Photographer: Jason Stagno

Date: May 22 and 23 and June 2 and 3, 2014

Photograph No. 15



GARVEY OFF-RAMP UC BRIDGE (53-1032): VIEW OF A BLACK DRAIN LINE (SEE RED ARROW) SAMPLED AND FOUND TO CONTAIN ASBESTOS.

APPENDIX B
PERSONNEL CERTIFICATIONS AND LABORATORY ACCREDITATIONS

DEPARTMENT OF INDUSTRIAL RELATIONS

Division of Occupational Safety and Health

Asbestos Unit

2424 Arden Way, Suite 495

Sacramento, CA 95825-2417

(916) 574-2993 Office (916) 483-0572 Fax

<http://www.dir.ca.gov/dir/databases.html>actu@dir.ca.gov

209214949C

368

October 11, 2013

Jason J Stagno

[REDACTED]
Simi Valley

, CA 93063

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please contact our office at the above address, fax number or email; of any changes in your contact/mailling information within 15 days of the change.

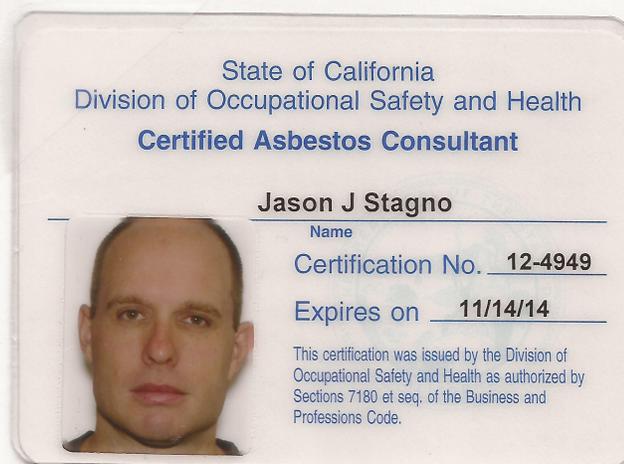
Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal - Card Attached (Revised 10/24/2012)





Certificate of Attendance.

CERTIFICATE NUMBER

79167

This is to Certify that

DION CHRISTOPHER MONGE

Has Completed the Course of

AHERA ASBESTOS ABATEMENT BUILDING INSPECTOR 4 HR. REFRESHER COURSE CA-014-06

For purposes of accreditation under section 206 of the Toxic Substances Control Act (TSCA) and compliance with AMAP in accordance with 59 FR 5236 effective April 1994

ARMANDO DUCOING
DIRECTOR

February 14, 2014
COMPLETION DATE

E021414RIP **021414**
CLASS NUMBER / STARTING DATE

February 14, 2015
CERTIFICATE EXPIRES

Ecologics Training Institute

1012 SEGOVIA CIRCLE PLACENTIA CA 92870 PH 714 632-8100 FAX 714 632-8111



Certificate of Attendance

CERTIFICATE NUMBER
77643

This is to Certify that

MELISSA A. BAERNSTEIN

Has Completed the Course of

AHERA ASBESTOS ABATEMENT BUILDING INSPECTOR 24 HR. COURSE CA-014-05

For purposes of accreditation under section 206 of the Toxic Substances Control Act (TSCA) and compliance with AMAP in accordance with 59 FR 5236 effective April 1994

ARMANDO DUCOING

DIRECTOR

September 18, 2014

CERTIFICATE EXPIRES

091613

E091613BIC

CLASS NUMBER / STARTING DATE

September 18, 2013

COMPLETION DATE

Ecologics Training Institute

1012 SEGOVIA CIRCLE PLACENTIA CA 92870 PH (714)832-8100 FAX (714) 832-8111

Certificate Of Completion

Asbestos Building Inspector Initial Course

DOSH #:CA-015-05

Scott Edblad

ABII1001120008N2694

Alan Dages

Principal Instructor

10/1/2012
Course Start Date

10/3/2012
Course End Date

10/3/2012
Exam Date

10/3/2013
Expiration Date



John Brown
Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

NATEC International, Inc.

National Association of Training and Environmental Consulting

1100 Technology Circle- Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228



Important Industry Contacts

CAL-OSHA Phone: (916) 574-2993
Ph# (916) 483-0572 Fax Notification
Website: www.dir.ca.gov/calosha.com

DHS/CLPPB: Ph# (510) 622-5000
Website: www.dhs.ca.gov/childlead

SCAQMD: Ph# (909) 396-3739
Ph# (909) 396-3342 (Fax)

NATEC International, Inc.

National Association of Training and Environmental Consulting
Anaheim, CA | Oakland, CA | Marianas & Guam

Asbestos • Lead • Mold • HAZWOPER

P.O. Box 25205 Anaheim, CA 92825-5205
(714) 678-2750, (800) 969-3228, Fax (714) 678-2757
www.natecintl.com

NATEC International, Inc.

National Association of Training and Environmental Consulting
*Note: Card is not suitable substitute for certificate and is not accepted by SCAQMD as proof of certification

This Card Acknowledges That
Scott Edblad

Holds Training Certification For
Asbestos Building Inspector Initial Course

(Valid for 12 months)

Training Date 10/1/2012
Certificate No. ABII1001120008N2694

John Brown
Training Director

DEPARTMENT OF INDUSTRIAL RELATIONS

Division of Occupational Safety and Health

Asbestos Unit

2424 Arden Way, Suite 495

Sacramento, CA 95825-2417

(916) 574-2993 Office (916) 483-0572 Fax

<http://www.dir.ca.gov/dir/databases.html> actu@dir.ca.gov

312125159T

382

384

March 19, 2014

Scott E Edblad**1261 Dominica Drive****Oxnard****CA 93035**

Dear Certified Asbestos Consultant or Technician:

Congratulations, you have passed your certification examination!

Enclosed is your certification card. To maintain your certification, please abide by the rules printed on the back of the certification card.

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card in accordance with Title 8, California Code of Regulations, Division 1, Chapter 3.2, Article 2.6, Section 341.15(h) (1).

Please keep and do not send copies of your required AHERA refresher renewal certificates to the Division until you apply for renewal of your certification.

Please contact our office at the above address, fax number or email of any changes in your mailing or work address within 15 days of the change.

Sincerely,

Jeff Ferrell

Senior Safety Engineer

Attachment

cc: File

Passed Exam – Card Attached, Revised 04/04/2012

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Scott E Edblad

Name

Certification No. **13-5159**Expires on **03/12/15**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Scott E Edblad



Name

Certification No. **13-5159**

Expires on **03/12/15**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

MAINTENANCE OF CERTIFICATION

The possessor of this certification shall maintain the certification by:

1. complying with all applicable laws pertaining to asbestos-related work;
2. keeping all required AHERA certificates in a current and valid state;
3. showing this certification card upon request during the course of asbestos-related work;
4. informing the Division within 15 days of any change in home or mailing address; and
5. performing asbestos consulting work only under the supervision of a certified asbestos consultant.

A certification which has not been maintained as described above may not be renewed by the Division of Occupational Safety and Health.



United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101926-0

EMC Labs, Inc.
Phoenix, AZ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2014-07-01 through 2015-06-30

Effective dates



A handwritten signature in black ink, appearing to read "M. R. Miller", is written over a horizontal line.

For the National Institute of Standards and Technology



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMC Labs, Inc.
 9830 S. 51st St. Suite B-109
 Phoenix, AZ 85044-5677
 Mr. Kurt A. Kettler
 Phone: 480-940-5294 Fax: 480-893-1726
 E-Mail: kkettler@earthlink.net
 URL: <http://www.emclabs.com>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 101926-0

<i>NVLAP Code</i>	<i>Designation / Description</i>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

2014-07-01 through 2015-06-30

Effective dates

For the National Institute of Standards and Technology



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMC Labs, Inc.

9830 S. 51st Street, Suite B-109, Phoenix, AZ 85044-5671

Laboratory ID: 101586

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

LABORATORY ACCREDITATION PROGRAMS

- | | |
|---|-----------------------------------|
| <input checked="" type="checkbox"/> INDUSTRIAL HYGIENE | Accreditation Expires: 09/01/2015 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL LEAD | Accreditation Expires: 09/01/2015 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: 09/01/2015 |
| <input type="checkbox"/> FOOD | Accreditation Expires: |
| <input type="checkbox"/> UNIQUE SCOPES | Accreditation Expires: |

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Larry S. Pierce
Chairperson, Analytical Accreditation Board

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 13: 03/12/2013

Date Issued: 10/31/2013



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

EMC Labs, Inc.

9830 S. 51st Street, Suite B-109, Phoenix, AZ 85044-5671

Laboratory ID: **101586**

Issue Date: 10/31/2013

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 06/01/1995

IHLAP Scope Category	Field of Testing (FoT)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)		NIOSH 7400	

A complete listing of currently accredited Industrial Hygiene laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

EMC Labs, Inc.

9830 S. 51st Street, Suite B-109, Phoenix, AZ 85044-5671

Laboratory ID: **101586**

Issue Date: 10/31/2013

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air analysis is not included as part of the NLLAP.

Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 11/04/1996

Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Paint	EPA SW-846 3050B	
	EPA SW-846 7420	
Soil	EPA SW-846 3050B	
	EPA SW-846 7420	
Settled Dust by Wipe	EPA SW-846 3050B	
	EPA SW-846 7420	
Airborne Dust	NIOSH 7082	

A complete listing of currently accredited Environmental Lead laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

EMC Labs, Inc.

9830 S. 51st Street, Suite B-109, Phoenix, AZ 85044-5671

Laboratory ID: **101586**

Issue Date: 10/31/2013

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Environmental Microbiology Laboratory Accreditation Program (EMLAP)

Initial Accreditation Date: 10/01/2006

EMLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Fungal	Air - Direct Examination	ASTM D7391	
		EMC Method #EM01/1: In-House Analysis of Spore Traps	
	Bulk - Direct Examination	ASTM D7391	
		EMC Method #EM01/2	
	Surface - Direct Examination	ASTM D7391	
		EMC Method #EM01/3	

A complete listing of currently accredited Environmental Microbiology laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>

APPENDIX C
ANALYTICAL LABORATORY REPORTS AND
CHAIN-OF-CUSTODY RECORDS

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0142027

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:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/14/2014	
Collected:	05/22/2014	Date Reported:	06/16/2014	
Project Name:	BRIDGE 53-1021C	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	
0142027-001 01A	GUARD RAILING- NORTH	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142027-002 01B	GUARD RAILING- NORTH	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142027-003 01C	GUARD RAILING- NORTH	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142027-004 02A	DECK NORTH	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142027-005 02B	DECK NORTH	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%

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Laboratory Report
0142027

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:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/14/2014	
Collected:	05/22/2014	Date Reported:	06/16/2014	
Project Name:	BRIDGE 53-1021C	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	
0142027-006 02C	DECK NORTH	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142027-007 03A	THROUGHOUT DECK-NW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142027-008 03B	THROUGHOUT DECK-NE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	1% 99%
0142027-009 03C	THROUGHOUT DECK-SW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142027-010 04A	DECK-WEST	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%

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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:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/14/2014	
Collected:	05/22/2014	Date Reported:	06/16/2014	
Project Name:	BRIDGE 53-1021C	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	
0142027-011 04B	DECK-WEST	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142027-012 04C	DECK-EAST	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142027-013 05A	VARIOUS-NW	LAYER 1 Felt, Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
		LAYER 2 Coating, Gray	No	None Detected	Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler	5% 95%
0142027-014 05B	VARIOUS-NW	LAYER 1 Felt, Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
		LAYER 2 Coating, Gray	No	None Detected	Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler	5% 95%

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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:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/14/2014	
Collected:	05/22/2014	Date Reported:	06/16/2014	
Project Name:	BRIDGE 53-1021C	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	
0142027-015 05C	VARIOUS-NE	LAYER 1 Felt, Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
		LAYER 2 Coating, Gray	No	None Detected	Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler	5% 95%
0142027-016 06A	THROUGHOUT DECK-WEST	Adhesive, Black	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142027-017 06B	THROUGHOUT DECK-EAST	Adhesive, Black	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142027-018 06C	THROUGHOUT DECK-SOUTH	Adhesive, Black	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142027-019 07A	DECK-SW	Felt, Dk. Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler	60% 40%

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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:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/14/2014	
Collected:	05/22/2014	Date Reported:	06/16/2014	
Project Name:	BRIDGE 53-1021C	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	
0142027-020 07B	DECK-SW	LAYER 1 Felt, Dk. Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
		LAYER 2 Coating, Lt. Gray	No	None Detected	Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler	5% 95%
0142027-021 07B	DECK-SE	Felt, Dk. Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142027-022 08A	DECK SOUTH-SW	Sealant, White/ Lt. Gray	No	None Detected	Foam Binder/Filler	100%
0142027-023 09A	DECK-NW	Tape, White/ Black	No	None Detected	Synthetic Fiber Carbonates Quartz Binder/Filler	15% 85%
0142027-024 09B	DECK-N/CENTER	Tape, White/ Black	No	None Detected	Synthetic Fiber Carbonates Quartz Binder/Filler	15% 85%
0142027-025 09C	DECK-NE	Tape, White/ Black	No	None Detected	Synthetic Fiber Carbonates Quartz Binder/Filler	15% 85%

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Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

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Address:	290 CONEJO RIDGE AVE	Date Received:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/14/2014	
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Project Name:	BRIDGE 53-1021C	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
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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. 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.

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Laboratory Report
0142028

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:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/13/2014	
Collected:	05/22/2014	Date Reported:	06/13/2014	
Project Name:	BRIDGE 53-0010K	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	
0142028-001 01A	GUARD RAILING- NW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142028-002 01B	GUARD RAILING-NE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142028-003 01C	GUARD RAILING- SW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142028-004 02A	DECK NEAR GUARD RAILING- NORTH	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Perlite Binder/Filler	 100%
0142028-005 02B	DECK NEAR GUARD RAILING- NORTH	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Perlite Binder/Filler	<1% 99%

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	THOUSAND OAKS CA 91361	Date Analyzed:	06/13/2014	
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Project Name:	BRIDGE 53-0010K	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	
0142028-006 02C	DECK NEAR GUARD RAILING- NORTH	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142028-007 03A	THROUGHOUT DECK-NW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142028-008 03B	THROUGHOUT DECK-NE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142028-009 03C	THROUGHOUT DECK-SW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142028-010 04A	DECK AT ABUTMENT-NW	Asphalt, Black	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%

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Address:	290 CONEJO RIDGE AVE	Date Received:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/13/2014	
Collected:	05/22/2014	Date Reported:	06/13/2014	
Project Name:	BRIDGE 53-0010K	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	
0142028-011 04B	DECK AT ABUTMENT-NE	Asphalt, Black	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142028-012 04C	DECK AT ABUTMENT-SE	Asphalt, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Mica Quartz Binder/Filler	<1% 99%
0142028-013 05A	VARIOUS-NW	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Gypsum Quartz Binder/Filler	65% 35%
0142028-014 05B	VARIOUS-NE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Gypsum Quartz Binder/Filler	65% 35%
0142028-015 05C	VARIOUS-SE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Gypsum Quartz Binder/Filler	65% 35%

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NVLAP#101926-0

Client:	STANTEC CONSULTING	Job# / P.O. #:	185831010.	200.0002
Address:	290 CONEJO RIDGE AVE	Date Received:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/13/2014	
Collected:	05/22/2014	Date Reported:	06/13/2014	
Project Name:	BRIDGE 53-0010K	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	
0142028-016 06A	GUARD RAILS & DECK (OPPOSITE TRAFFIC SIDE)- NORTH	LAYER 1 Plaster, Beige/ Gray	No	None Detected	Cellulose Fiber	<1%
		LAYER 2 Paint, Tan	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	99%
0142028-017 06B	GUARD RAILS & DECK (OPPOSITE TRAFFIC SIDE)- NORTH	LAYER 1 Plaster, Black/ Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
		LAYER 2 Paint, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%

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Address:	290 CONEJO RIDGE AVE	Date Received:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/13/2014	
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Project Name:	BRIDGE 53-0010K	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	
0142028-018 06C	GUARD RAILS & DECK (OPPOSITE TRAFFIC SIDE)- SOUTH	LAYER 1 Plaster, Beige/ Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
		LAYER 2 Paint, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142028-019 07A	ABUTMENTS-NW	Mat, Black	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	3% 97%
0142028-020 07B	ABUTMENTS-NE	LAYER 1 Mat, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
		LAYER 2 Paint/ Coating, Beige/ Tan Note: Difficult to separate adjacent layer	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142028-021 07C	ABUTMENTS-SW	Mat, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%

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NVLAP#101926-0

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Address:	290 CONEJO RIDGE AVE	Date Received:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/13/2014	
Collected:	05/22/2014	Date Reported:	06/13/2014	
Project Name:	BRIDGE 53-0010K	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
0142028-022 08A	THROUGHOUT DECK-SOUTH	Adhesive, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0142028-023 08B	THROUGHOUT DECK-SOUTH	Adhesive, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0142028-024 08C	THROUGHOUT DECK-SOUTH	Adhesive, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0142028-025 09A	BENEATH DECK- WEST	Pipe, White/ Black	No	None Detected	Gypsum Quartz Binder/Filler 100%
0142028-026 09B	BENEATH DECK- WEST	Pipe, White/ Black	No	None Detected	Gypsum Quartz Binder/Filler 100%
0142028-027 09C	BENEATH DECK- EAST	Pipe, White/ Black	No	None Detected	Gypsum Quartz Binder/Filler 100%
0142028-028 10A	ABUTMENTS-NW	Particle Board/ Plaster, Tan/ Gray Note: No Particle Board Present	No	None Detected	Quartz Gypsum Carbonates Binder/Filler 100%

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Address:	290 CONEJO RIDGE AVE	Date Received:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/13/2014	
Collected:	05/22/2014	Date Reported:	06/13/2014	
Project Name:	BRIDGE 53-0010K	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	
0142028-029 10B	ABUTMENTS-NE	Particle Board/ Plaster, Tan/ Gray Note: No Particle Board Present	No	None Detected	Quartz Gypsum Carbonates Binder/Filler	100%
0142028-030 10C	ABUTMENTS-SE	Particle Board, Tan/ Gray	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142028-031 11A	GUARD RAILS- NORTH	Sealant, Gray	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	5% 95%
0142028-032 11B	GUARD RAILS- NORTH	Sealant, Gray	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	5% 95%
0142028-033 11C	GUARD RAILS- SOUTH	Sealant, Gray	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	5% 95%



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 indicated 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.

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Laboratory Report
0142029

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:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/16/2014	
Collected:	05/22/2014	Date Reported:	06/16/2014	
Project Name:	BRIDGE 53-2636	EPA Method:	EPA 600/R-93/116	
Address:		Submitted By:	JASON STAGNO	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0142029-001 01A	GUARD RAILING- WEST	Guard Railing Concrete, Gray	No	None Detected	Quartz Carbonates Gypsum Mica Binder/Filler 100%
0142029-002 01B	GUARD RAILING- WEST	Guard Railing Concrete, Gray	No	None Detected	Quartz Carbonates Gypsum Mica Binder/Filler 100%
0142029-003 01C	GUARD RAILING- EAST	Guard Railing Concrete, Gray	No	None Detected	Quartz Carbonates Gypsum Mica Binder/Filler 100%
0142029-004 02A	THROUGHOUT DECK-EAST	Deck Concrete, Gray	No	None Detected	Quartz Carbonates Gypsum Mica Binder/Filler 100%
0142029-005 02B	THROUGHOUT DECK-EAST	Deck Concrete, Gray	No	None Detected	Quartz Carbonates Gypsum Mica Binder/Filler 100%

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Laboratory Report
0142029

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:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/16/2014	
Collected:	05/22/2014	Date Reported:	06/16/2014	
Project Name:	BRIDGE 53-2636	EPA Method:	EPA 600/R-93/116	
Address:		Submitted By:	JASON STAGNO	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0142029-006 02C	THROUGHOUT DECK-WEST	Deck Concrete, Gray	No	None Detected	Quartz Carbonates Gypsum Mica Binder/Filler 100%
0142029-007 03A	VARIOUS-WEST	Guard Railing Felt, Black	No	None Detected	Cellulose Fiber Gypsum Binder/Filler 80% 20%
0142029-008 03B	VARIOUS-WEST	Guard Railing Felt, Black	No	None Detected	Cellulose Fiber Gypsum Binder/Filler 80% 20%
0142029-009 03C	VARIOUS-EAST	Guard Railing Felt, Black	No	None Detected	Cellulose Fiber Gypsum Binder/Filler 80% 20%
0142029-010 04A	DECK-WEST	Deck Joint Sealant, Gray	No	None Detected	Synthetic Fiber Cellulose Fiber Carbonates Gypsum Mica Quartz 1% 1% 98%
0142029-011 04B	DECK-WEST	Deck Joint Sealant, Gray	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0142029-012 04C	DECK-EAST	Deck Joint Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%

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Laboratory Report
0142029

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:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/16/2014	
Collected:	05/22/2014	Date Reported:	06/16/2014	
Project Name:	BRIDGE 53-2636	EPA Method:	EPA 600/R-93/116	
Address:		Submitted By:	JASON STAGNO	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0142029-013 05A	BACK WALLS BENEATH BRIDGE- WEST	LAYER 1 Particle Board, Tan	No	None Detected	Cellulose Fiber	95%
		LAYER 2 Mastic, Brown	No	None Detected	Binder/Filler Cellulose Fiber Carbonates Gypsum Binder/Filler	5% 1% 99%
0142029-014 05B	BACK WALLS BENEATH BRIDGE- WEST	LAYER 1 Particle Board, Tan	No	None Detected	Cellulose Fiber	95%
		LAYER 2 Paint, Gray/ Silver	No	None Detected	Binder/Filler Gypsum Carbonates Binder/Filler	5% 100%
0142029-015 05C	BACK WALLS BENEATH BRIDGE- EAST	Particle Board Debris/ Paint, Gray Note: Layer is mainly Paint	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	2% 98%
0142029-016 06A	BACK WALLS BENEATH BRIDGE- WEST	Paper Like Pipe, Black	No	None Detected	Cellulose Fiber	70%
					Carbonates Gypsum Binder/Filler	30%
0142029-017 06B	BACK WALLS BENEATH BRIDGE- EAST	Paper Like Pipe, Black	No	None Detected	Cellulose Fiber	70%
					Carbonates Binder/Filler	30%

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NVLAP#101926-0

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Address:	290 CONEJO RIDGE AVE	Date Received:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/16/2014	
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Project Name:	BRIDGE 53-2636	EPA Method:	EPA 600/R-93/116	
Address:		Submitted By:	JASON STAGNO	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0142029-018 06C	BACK WALLS BENEATH BRIDGE- EAST	Paper Like Pipe, Black	No	None Detected	Cellulose Fiber	70%
					Carbonates Gypsum Binder/Filler	30%



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 indicated 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.

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Laboratory Report
0142030

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:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/13/2014	
Collected:	05/23/2014	Date Reported:	06/13/2014	
Project Name:	BRIDGE 53-0658	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
0142030-001 01A	GUARD RAILING- SW	Concrete, Gray	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%
0142030-002 01B	GUARD RAILING-SE	Concrete, Gray	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%
0142030-003 01C	GUARD RAILING-NE	Concrete, Beige	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%
0142030-004 02A	THROUGHOUT DECK-SW	Concrete, Beige	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%
0142030-005 02B	THROUGHOUT DECK-SE	Concrete, Beige	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%

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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:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/13/2014	
Collected:	05/23/2014	Date Reported:	06/13/2014	
Project Name:	BRIDGE 53-0658	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
0142030-006 02C	THROUGHOUT DECK-NE	Concrete, Beige	No	None Detected	Gypsum Quartz Mica Carbonates Binder/Filler 100%
0142030-007 03A	SOUTH-SW	Concrete Block, Beige	No	None Detected	Carbonates Quartz Mica Gypsum Binder/Filler 100%
0142030-008 03B	SOUTH- SOUTH/CENTER	Concrete Block, Beige	No	None Detected	Carbonates Quartz Mica Gypsum Binder/Filler 100%
0142030-009 03C	SOUTH-SE	Concrete Block, Beige	No	None Detected	Carbonates Quartz Mica Gypsum Binder/Filler 100%
0142030-010 04A	DECK-WEST	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0142030-011 04B	DECK-EAST	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%

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Project Name:	BRIDGE 53-0658	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	
0142030-012 04C	DECK-EAST	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142030-013 05A	VARIOUS-SW	Felt, Black	No	None Detected	Cellulose Fiber Gypsum Binder/Filler	75% 25%
0142030-014 05B	VARIOUS-SE	Felt, Black	No	None Detected	Cellulose Fiber Gypsum Binder/Filler	75% 25%
0142030-015 05C	VARIOUS-NE	Felt, Black	No	None Detected	Cellulose Fiber Gypsum Binder/Filler	75% 25%
0142030-016 06A	ABUTMENTS AND BACK WALLS-WEST	Concrete, Gray	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler	100%
0142030-017 06B	ABUTMENTS AND BACK WALLS-WEST	Concrete, Gray	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler	100%

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Project Name:	BRIDGE 53-0658	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
0142030-018 06C	ABUTMENTS AND BACK WALLS-EAST	Concrete, Gray	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%
0142030-019 07A	BENEATH BRIDGE- WEST	Concrete, Gray	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%
0142030-020 07B	BENEATH BRIDGE- WEST	Concrete, Gray	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%
0142030-021 07C	BENEATH BRIDGE- WEST	Concrete, Gray	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%
0142030-022 08A	SOUTH-SW	Mortar, Beige	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%

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	THOUSAND OAKS CA 91361	Date Analyzed:	06/13/2014	
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Project Name:	BRIDGE 53-0658	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
0142030-023 08B	SOUTH- SOUTH/CENTER	Mortar, Beige	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%
0142030-024 08C	SOUTH-SE	Mortar, Beige	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%



Analyst - Kenneth Scheske



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 indicated 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.

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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:	06/05/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/13/2014	
Collected:	05/22/2014	Date Reported:	06/13/2014	
Project Name:	BRIDGE 53-0010S	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	
0142031-001 01A	GUARD RAILING- NORTH	Concrete, Gray/ Orange	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica Binder/Filler	<1% 99%
0142031-002 01B	GUARD RAILING- NORTH	Concrete, Gray	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica Binder/Filler	<1% 99%
0142031-003 01C	GUARD RAILING- SOUTH	Concrete, Gray	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica Binder/Filler	<1% 99%
0142031-004 02A	DECK NEAR GUARD RAILING- SOUTH	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Carbonates Binder/Filler	<1% 99%
0142031-005 02B	DECK NEAR GUARD RAILING- SOUTH	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Carbonates Binder/Filler	<1% 99%

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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	
0142031-006 02C	DECK NEAR GUARD RAILING- SOUTH	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Carbonates Binder/Filler	<1% 99%
0142031-007 03A	THROUGHOUT DECK-NORTH	Concrete, Gray	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica Binder/Filler	<1% 99%
0142031-008 03B	THROUGHOUT DECK-NORTH	Concrete, Gray	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica Binder/Filler	<1% 99%
0142031-009 03C	THROUGHOUT DECK-SOUTH	Concrete, Gray	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica Binder/Filler	<1% 99%
0142031-010 04A	DECK AT ABUTMENT-WEST	Asphalt, Black	No	None Detected	Cellulose Fiber Quartz Gypsum Binder/Filler	2% 98%

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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	
0142031-011 04B	DECK AT ABUTMENT-EAST	Asphalt, Black	No	None Detected	Cellulose Fiber Quartz Gypsum Carbonates Binder/Filler	1% 99%
0142031-012 04C	DECK AT ABUTMENT-EAST	Asphalt, Black	No	None Detected	Cellulose Fiber Quartz Gypsum Carbonates Binder/Filler	1% 99%
0142031-013 05A	VARIOUS-NW	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Binder/Filler	80% 20%
0142031-014 05B	VARIOUS-NE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Binder/Filler	80% 20%
0142031-015 05C	VARIOUS-SE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Binder/Filler	80% 20%
0142031-016 06A	GUARD RAILS & DECK (OPPOSITE TRAFFIC SIDE)- NORTH	LAYER 1 Plaster-Scratch Coat, Gray	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica Binder/Filler	<1% 99%
		LAYER 2 Plaster-Textured Paint, Tan Note: Difficult to separate adjacent layer	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%

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Project Name:	BRIDGE 53-0010S	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	
0142031-017 06B	GUARD RAILS & DECK (OPPOSITE TRAFFIC SIDE)- NORTH	LAYER 1 Plaster-Scratch Coat, Gray	No	None Detected	Cellulose Fiber	<1%
		LAYER 2 Plaster-Textured Paint, Tan Note: Difficult to separate adjacent layer	No	None Detected	Gypsum Quartz Carbonates Mica Binder/Filler	99%
0142031-018 06C	GUARD RAILS & DECK (OPPOSITE TRAFFIC SIDE)- SOUTH	LAYER 1 Plaster-Scratch Coat, Gray	No	None Detected	Cellulose Fiber	<1%
		LAYER 2 Plaster-Textured Paint, Tan Note: Difficult to separate adjacent layer	No	None Detected	Gypsum Quartz Carbonates Mica Binder/Filler	99%
0142031-019 07A	ABUTMENTS-NW	Expansion Material, Black	No	None Detected	Cellulose Fiber	10%
					Quartz Carbonates Binder/Filler	90%
0142031-020 07B	ABUTMENTS-NE	Expansion Material, Black	No	None Detected	Cellulose Fiber	15%
					Quartz Gypsum Binder/Filler	85%

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Project Name:	BRIDGE 53-0010S	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	
0142031-021 07C	ABUTMENTS-SW	Expansion Material, Black/ Brown	No	None Detected	Cellulose Fiber Quartz Gypsum Binder/Filler	70% 30%
0142031-022 08A	THROUGHOUT DECK-NW	Adhesive, Black	No	None Detected	Carbonates Binder/Filler	100%
0142031-023 08B	THROUGHOUT DECK-NORTH CENTER	Adhesive, Black	No	None Detected	Carbonates Binder/Filler	100%
0142031-024 08C	THROUGHOUT DECK-NE	Adhesive, Black	No	None Detected	Carbonates Binder/Filler	100%
0142031-025 09A	BENEATH DECK- WEST	LAYER 1 Pipe, White / Tan	No	None Detected	Gypsum Binder/Filler	100%
		LAYER 2 Pipe, Black	No	None Detected	Cellulose Fiber Gypsum Binder/Filler	1% 99%
0142031-026 09B	BENEATH DECK- EAST	LAYER 1 Pipe, White / Tan	No	None Detected	Cellulose Fiber Gypsum Binder/Filler	1% 99%
		LAYER 2 Pipe, Black	No	None Detected	Cellulose Fiber Gypsum Binder/Filler	1% 99%

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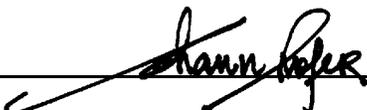
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Project Name:	BRIDGE 53-0010S	EPA Method:	EPA 600/R-93/116	
Address:	ST ROUTE 10, 07A33221-T010	Submitted By:	JASON STAGNO	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0142031-027 09C	BENEATH DECK- WEST	LAYER 1 Pipe, White / Tan	No	None Detected	Gypsum Binder/Filler 100%
		LAYER 2 Pipe, Black	No	None Detected	Cellulose Fiber <1% Gypsum Quartz Binder/Filler 99%
0142031-028 10A	ABUTMENTS-NW	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber 90% Quartz Gypsum Binder/Filler 10%
0142031-029 10B	ABUTMENTS-NE	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber 85% Quartz Binder/Filler 15%
0142031-030 10C	ABUTMENTS-SE	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber 85% Quartz Binder/Filler 15%


Analyst - Johann Hofer


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. 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.

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Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0142101

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:	06/18/2014	
Collected:	05/23/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-1029	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	
0142101-001 01A	GUARD RAILING - SW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142101-002 01B	GUARD RAILING - SE	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142101-003 01C	GUARD RAILING - NW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142101-004 02A	THROUGHOUT DECK - SW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142101-005 02B	THROUGHOUT DECK - SE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%

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	THOUSAND OAKS CA 91361	Date Analyzed:	06/18/2014	
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Project Name:	BRIDGE 53-1029	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
0142101-006 02C	THROUGHOUT DECK - NW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142101-007 03A	NW	Concrete Block, Beige/ Black	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler <1% 99%
0142101-008 03B	NORTH / CENTER	Concrete Block, Beige/ Black	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142101-009 03C	NE	Concrete Block, Beige/ Black	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler <1% 99%
0142101-010 04A	DECK - SW	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0142101-011 04B	DECK - SE	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%

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	THOUSAND OAKS CA 91361	Date Analyzed:	06/18/2014	
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Project Name:	BRIDGE 53-1029	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	
0142101-012 04C	DECK - NW	Sealant, Gray	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	<1% 99%
0142101-013 05A	VARIOUS - SE	Felt, Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142101-014 05B	VARIOUS - NW	Felt, Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142101-015 05C	VARIOUS - NE	Felt, Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142101-016 06A	BENEATH BRIDGE / EAST	Concrete, Lt. Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142101-017 06B	BENEATH BRIDGE / EAST	Concrete, Lt. Gray	No	None Detected	 Quartz Gypsum Mica Carbonates Binder/Filler	 100%

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Project Name:	BRIDGE 53-1029	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	
0142101-018 06C	BENEATH BRIDGE / WEST	LAYER 1 Concrete, Lt. Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
		LAYER 2 Paint, Gray/ Beige	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142101-019 07A	WALLS BENEATH BRIDGE / EAST	LAYER 1 Felt, Dk. Brown	No	None Detected	Cellulose Fiber	60%
		LAYER 2 Textured Paint, Off White	No	None Detected	Carbonates Gypsum Binder/Filler Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler	40% 2% 98%
0142101-020 07B	WALLS BENEATH BRIDGE / EAST	LAYER 1 Felt, Dk. Brown	No	None Detected	Cellulose Fiber	55%
		LAYER 2 Textured Paint, Off White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler	45% <1% 99%

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Address:	290 CONEJO RIDGE AVE	Date Received:	06/06/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/18/2014	
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Project Name:	BRIDGE 53-1029	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	
0142101-021 07C	WALLS BENEATH BRIDGE / WEST	LAYER 1 Felt, Dk. Brown	No	None Detected	Cellulose Fiber	55%
					Carbonates Gypsum Quartz Binder/Filler	45%
		LAYER 2 Textured Paint, Off White	No	None Detected	Cellulose Fiber	<1%
					Carbonates Gypsum Quartz Binder/Filler	99%
0142101-022 08A	NW	Mortar, Beige/ Tan	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142101-023 08B	NORTH / CENTER	Mortar, Beige/ Tan	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142101-024 08C	NE	Mortar, Beige/ Tan	No	None Detected	Cellulose Fiber	<1%
					Quartz Gypsum Mica Carbonates Binder/Filler	99%

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Project Name:	BRIDGE 53-1029	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
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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 indicated 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.

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Laboratory Report
0142102

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:	06/18/2014	
Collected:	06/03/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-1032	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	
0142102-001 01A	GUARD RAILING - SW	Guard Railing Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142102-002 01B	GUARD RAILING - SE	Guard Railing Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142102-003 01C	GUARD RAILING - NE	Guard Railing Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142102-004 02A	THROUGHOUT DECK - SW	LAYER 1 Deck Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
		LAYER 2 Coating, Brown	No	None Detected	Quartz Carbonates Binder/Filler	 100%

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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:	06/18/2014	
Collected:	06/03/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-1032	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	
0142102-005 02B	THROUGHOUT DECK - SE	LAYER 1 Deck Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
		LAYER 2 Coating, Brown	No	None Detected	Quartz Carbonates Binder/Filler	100%
0142102-006 02C	THROUGHOUT DECK - NE	LAYER 1 Deck Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
		LAYER 2 Coating, Brown	No	None Detected	Quartz Carbonates Binder/Filler	100%
0142102-007 03A	NE	Concrete Block, Beige/ Tan/ Gray/ Brown	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142102-008 03B	NW	Concrete Block, Beige/ Tan/ Gray/ Brown	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%

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NVLAP#101926-0

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	THOUSAND OAKS CA 91361	Date Analyzed:	06/18/2014	
Collected:	06/03/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-1032	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	
0142102-009 03C	NW	Concrete Block, Beige/ Tan/ Gray/ Brown	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	1% 99%
0142102-010 04A	VARIUOS - SE	Guard Railing Felt, Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142102-011 04B	VARIUOS - NE	Guard Railing Felt, Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142102-012 04C	VARIUOS - NW	Guard Railing Felt, Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142102-013 05A	NE	Mortar, Beige/ Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	1% 99%
0142102-014 05B	NE	Mortar, Beige/ Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%

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NVLAP#101926-0

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Address:	290 CONEJO RIDGE AVE	Date Received:	06/06/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/18/2014	
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Project Name:	BRIDGE 53-1032	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	
0142102-015 05C	NW	Mortar, Beige/ Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142102-016 06A	GUARD RAILS - SE	Sealant, Gray	No	None Detected	Cellulose Fiber Carbonates Mica Quartz Binder/Filler	<1% 99%
0142102-017 07A	BENEATH BRIDE - SW	Bridge Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142102-018 07B	BENEATH BRIDE - SW	Bridge Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142102-019 07C	BENEATH BRIDE - SW	Bridge Concrete, Gray	No	None Detected	Synthetic Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%

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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:	06/18/2014	
Collected:	06/03/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-1032	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
0142102-020 08A	BENEATH DECK AT ABUMENTS - WEST	Pipe, Black	Yes	Chrysotile 5%	Cellulose Fiber 45% Carbonates Gypsum Binder/Filler 50%
0142102-021 08B	BENEATH DECK AT ABUMENTS - EAST	LAYER 1 Pipe, Black	Yes	Chrysotile 5%	Cellulose Fiber 45% Carbonates Gypsum Binder/Filler 50%
		LAYER 2 Pipe Cover, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0142102-022 08C	BENEATH DECK AT ABUMENTS - WEST	LAYER 1 Pipe, Black	Yes	Chrysotile 5%	Cellulose Fiber 45% Carbonates Gypsum Binder/Filler 50%
		LAYER 2 Pipe Cover, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0142102-023 09A	ABUMENTS - WEST	LAYER 1 Particle Board, Tan/Brown	No	None Detected	Cellulose Fiber 95% Carbonates Gypsum Binder/Filler 5%
		LAYER 2 Coating, Black	No	None Detected	Cellulose Fiber 5% Carbonates Gypsum Quartz Binder/Filler 95%

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Laboratory Report
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Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

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Address:	290 CONEJO RIDGE AVE	Date Received:	06/06/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/18/2014	
Collected:	06/03/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-1032	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	
0142102-024 09B	ABUTMENTS - EAST LAYER 1	Particle Board, Tan/Brown	No	None Detected	Cellulose Fiber	95%
					Carbonates Gypsum Binder/Filler	5%
	LAYER 2	Coating, Black	No	None Detected	Cellulose Fiber	5%
					Carbonates Gypsum Quartz Binder/Filler	95%
0142102-025 09C	ABUTMENTS - EAST LAYER 1	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber	95%
					Carbonates Gypsum Binder/Filler	5%
	LAYER 2	Coating, Black	No	None Detected	Cellulose Fiber	5%
					Carbonates Gypsum Binder/Filler	95%



Analyst - Kenneth Scheske



Signatory - Lab Director - Kurt Kettler

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Laboratory Report
0142103

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:	06/18/2014	
Collected:	05/23/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-0659	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	
0142103-001 01A	GUARD RAILING-SE	Concrete, Beige/ Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142103-002 01B	GUARD RAILING- SW	Concrete, Beige/ Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142103-003 01C	GUARD RAILING-NE	Concrete, Beige/ Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142103-004 02A	THROUGHOUT DECK-SE	Concrete, Beige/ Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142103-005 02B	THROUGHOUT DECK-SW	Concrete, Beige/ Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%

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Laboratory Report
0142103

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:	06/18/2014	
Collected:	05/23/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-0659	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	
0142103-006 02C	THROUGHOUT DECK-NE	Concrete, Beige/ Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142103-007 03A	NORTH & SOUTH- SE	Concrete Block, Beige/ Tan	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142103-008 03B	NORTH & SOUTH- SW	Concrete Block, Beige/ Tan	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142103-009 03C	NORTH & SOUTH- NE	Concrete Block, Beige/ Tan	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142103-010 04A	DECK-SE	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler	100%
0142103-011 04B	DECK-SW	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler	100%

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Laboratory Report
0142103

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:	06/18/2014	
Collected:	05/23/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-0659	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	
0142103-012 04C	DECK-NE	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler	100%
0142103-013 05A	VARIOUS-SE	Felt, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142103-014 05B	VARIOUS-SW	Felt, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142103-015 05C	VARIOUS-NE	Felt, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142103-016 06A	BENEATH BRIDGE- WEST	Concrete, Beige/ Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142103-017 06B	BENEATH BRIDGE- WEST	Concrete, Beige/ Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%

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Laboratory Report
0142103

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:	06/18/2014	
Collected:	05/23/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-0659	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	
0142103-018 06C	BENEATH BRIDGE- EAST	Concrete, Beige/ Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142103-019 07A	WALLS BENEATH BRIDGE-WEST	Felt, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142103-020 07B	WALLS BENEATH BRIDGE-WEST	Felt, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142103-021 07C	WALLS BENEATH BRIDGE-EAST	Felt, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142103-022 08A	WALLS BENEATH BRIDGE-WEST	Felt, Beige/ Tan	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142103-023 08B	WALLS BENEATH BRIDGE-WEST	Felt, Beige/ Tan	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%

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Laboratory Report
0142103

Bulk Asbestos Analysis by Polarized Light Microscopy

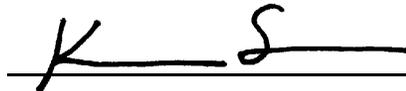
NVLAP#101926-0

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:	06/18/2014	
Collected:	05/23/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-0659	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	
0142103-024 08C	WALLS BENEATH BRIDGE-EAST	Felt, Beige/ Tan	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	65% 35%
0142103-025 09A	NORTH & SOUTH- SE	Mortar, Beige/ Tan	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142103-026 09B	NORTH & SOUTH- SW	Mortar, Beige/ Tan	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142103-027 09C	NORTH & SOUTH- NORTH/CENTER	Mortar, Beige/ Tan	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%



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.

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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	<1% 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
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
0142104-006 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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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:	06/16/2014	
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	
0142104-012 04C	VARIOUS-NE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142104-013 05A	WALLS BENEATH BRIDGE-WEST	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	90% 10%
0142104-014 05B	WALLS BENEATH BRIDGE-WEST	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	90% 10%
0142104-015 05C	WALLS BENEATH BRIDGE-WEST	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	90% 10%
0142104-016 06A	WALLS BENEATH BRIDGE-WEST	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	90% 10%
0142104-017 06B	WALLS BENEATH BRIDGE-WEST	Particle Board, Tan/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	90% 10%
0142104-018 06C	WALLS BENEATH BRIDGE-WEST	Particle Board, Tan/ Off White	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	90% 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 Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
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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 indicated 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.

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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
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	
0142105-006 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

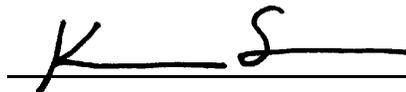
NVLAP#101926-0

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 Carbonates Gypsum Binder/Filler	90% 10%
0142105-020 07B	WALLS BENEATH BRIDGE EAST	Particle Board, Tan	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	90% 10%
0142105-021 07C	WALLS BENEATH BRIDGE EAST	Particle Board, Tan	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	90% 10%



Analyst - Kurt Kettler



Signatory - Lab Manager - Ken Scheske

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EMC LABS, INC.

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Laboratory Report
0142106

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:	06/18/2014	
Collected:	06/02/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-0662	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	
0142106-001 01A	GUARD RAILING SE	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142106-002 01B	GUARD RAILING SW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142106-003 01C	GUARD RAILING NE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142106-004 02A	THROUGHT DECK SE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142106-005 02B	THROUGHT DECK SW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0142106

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:	06/18/2014	
Collected:	06/02/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-0662	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
0142106-006 02C	THROUGHT DECK NE	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142106-007 03A	NORTH AND SOUTH SE	Concrete Block, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142106-008 03B	NORTH AND SOUTH SW	Concrete Block, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142106-009 03C	NORTH AND SOUTH NE	Concrete Block, Beige	No	None Detected	Cellulose Fiber <1% Quartz Gypsum Mica Carbonates Binder/Filler 99%
0142106-010 04A	DECK SE	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%

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	THOUSAND OAKS CA 91361	Date Analyzed:	06/18/2014	
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Project Name:	BRIDGE 53-0662	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	
0142106-011 04B	DECK SW	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142106-012 04C	DECK NE	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142106-013 05A	VARIUOS SE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142106-014 05B	VARIUOS SW	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142106-015 05C	VARIUOS NE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142106-016 06A	NORTH AND SOUTH SE	Mortar, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%

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	THOUSAND OAKS CA 91361	Date Analyzed:	06/18/2014	
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Project Name:	BRIDGE 53-0662	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	
0142106-017 06B	NORTH AND SOUTH SW	Mortar, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142106-018 06C	NORTH AND SOUTH NE	Mortar, Beige	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142106-019 07A	BENEATH BRIDGE NW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142106-020 07B	BENEATH BRIDGE NW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142106-021 07C	BENEATH BRIDGE NW	Concrete, Gray	No	None Detected	Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler	<1% 99%

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Project Name:	BRIDGE 53-0662	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	
0142106-022 08A	BENEATH DECK AT ABUTMENTS EAST	Pipe Insulation, Black	No	None Detected	Cellulose Fiber Gypsum Carbonates Binder/Filler	50% 50%
0142106-023 08B	BENEATH DECK AT ABUTMENTS EAST	Pipe Insulation, Black	No	None Detected	Cellulose Fiber Gypsum Carbonates Binder/Filler	50% 50%
0142106-024 08C	BENEATH DECK AT ABUTMENTS WEST	Pipe Insulation, Black	No	None Detected	Cellulose Fiber Gypsum Carbonates Binder/Filler	50% 50%



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 indicated 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.

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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:	06/18/2014	
Collected:	06/02/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-0867	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	
0142107-001 01A	GURAD RAILING SW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142107-002 01B	GURAD RAILING SE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142107-003 01C	GURAD RAILING NE	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142107-004 02A	THROUGHOUT DECK SW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142107-005 02B	THROUGHOUT DECK SE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%

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Bulk Asbestos Analysis by Polarized Light Microscopy

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Project Name:	BRIDGE 53-0867	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	
0142107-006 02C	THROUGHOUT DECK NE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142107-007 03A	SOUTH	Concrete Block, Beige/ Tan	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142107-008 03B	SOUTH	Concrete Block, Beige/ Tan	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142107-009 03C	SOUTH	Concrete Block, Beige/ Tan	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142107-010 04A	DECK SW	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0142107-011 04B	DECK SW	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler	 100%

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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	
0142107-012 04C	DECK NE	Sealant, Gray	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	<1% 99%
0142107-013 05A	VARIOUS SW	Felt, Brown	No	None Detected	Cellulose Fiber Gypsum Quartz Binder/Filler	65% 35%
0142107-014 05B	VARIOUS SE	Felt, Brown	No	None Detected	Cellulose Fiber Gypsum Quartz Binder/Filler	65% 35%
0142107-015 05C	VARIOUS EAST (WALL BENEATH BRIDGE)	Felt, Brown	No	None Detected	Cellulose Fiber Gypsum Quartz Binder/Filler	65% 35%
0142107-016 06A	SOUTH SW	Mortar, Beige/ Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142107-017 06B	SOUTH SW	Mortar, Beige/ Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%

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	THOUSAND OAKS CA 91361	Date Analyzed:	06/18/2014	
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Project Name:	BRIDGE 53-0867	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	
0142107-018 06C	SOUTH SE	Mortar, Beige/ Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142107-019 07A	GURAD RAILS SOUTH	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler	100%
0142107-020 08A	BENEATH BRIDGE CENTER	Particle Board, Tan	No	None Detected	Cellulose Fiber Gypsum Binder/Filler	95% 5%
0142107-021 08B	BENEATH BRIDGE CENTER	Particle Board, Tan	No	None Detected	Cellulose Fiber Gypsum Binder/Filler	95% 5%
0142107-022 08C	BENEATH BRIDGE CENTER	Particle Board, Tan	No	None Detected	Cellulose Fiber Gypsum Binder/Filler	95% 5%
0142107-023 09A	BENEATH DECK AT ABUTMENTS NORTH	Pipe Insulation, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	50% 50%
0142107-024 09B	BENEATH DECK AT ABUTMENTS NORTH	Pipe Insulation, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	45% 55%

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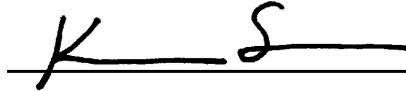
NVLAP#101926-0

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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	
0142107-025 09C	BENEATH DECK AT ABUTMENTS SOUTH	Pipe Insulation, Black	No	None Detected	Cellulose Fiber	45%
					Carbonates Gypsum Binder/Filler	55%



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 indicated 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.

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Laboratory Report
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NVLAP#101926-0

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Address:	290 CONEJO RIDGE AVE	Date Received:	06/06/2014	
	THOUSAND OAKS CA 91361	Date Analyzed:	06/17/2014	
Collected:	05/23/2014	Date Reported:	06/17/2014	
Project Name:	BRIDGE 53-0883	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	
0142108-001 01A	GUARD RAILS SW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142108-002 01B	GUARD RAILS SE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142108-003 01C	GUARD RAILS NW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142108-004 02A	THROUGHOUT DECK SW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142108-005 02B	THROUGHOUT DECK SE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%

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	THOUSAND OAKS CA 91361	Date Analyzed:	06/17/2014	
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Project Name:	BRIDGE 53-0883	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	
0142108-006 02C	THROUGHOUT DECK NW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142108-007 03A	NORTH AND SOUTH SW	Concrete Block, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142108-008 03B	NORTH AND SOUTH SE	Concrete Block, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142108-009 03C	NORTH AND SOUTH NW	Concrete Block, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142108-010 04A	DECK SW	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0142108-011 04B	DECK SE	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler	 100%

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Project Name:	BRIDGE 53-0883	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	
0142108-012 04C	DECK NW	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler	100%
0142108-013 05A	VARIOUS SW	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142108-014 05B	VARIOUS SE	LAYER 1 Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
		LAYER 2 Paint/ Coating, White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142108-015 05C	VARIOUS NW	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142108-016 06A	BENEATH BRIDGE WEST	LAYER 1 Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
		LAYER 2 Paint/ Coating, White/ Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%

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		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0142108-017 06B	BENEATH BRIDGE WEST	LAYER 1 Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
		LAYER 2 Paint/ Coating, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142108-018 06C	BENEATH BRIDGE EAST	LAYER 1 Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
		LAYER 2 Paint/ Coating, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142108-019 07A	WALLS BENEATH BRIDGE WEST	LAYER 1 Felt, Dk. Brown/ Black	No	None Detected	Cellulose Fiber	60%
		LAYER 2 Paint/ Coating, White	No	None Detected	Carbonates Gypsum Binder/Filler	40%
					Carbonates Gypsum Binder/Filler	100%

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Laboratory Report
0142108

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:	05/23/2014	Date Reported:	06/17/2014	
Project Name:	BRIDGE 53-0883	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	
0142108-020 07B	WALLS BENEATH BRIDGE WEST	LAYER 1 Felt, Dk. Brown/ Black	No	None Detected	Cellulose Fiber	60%
					Carbonates Gypsum Binder/Filler	40%
		LAYER 2 Paint/ Coating, White	No	None Detected	Carbonates Gypsum Binder/Filler	100%
0142108-021 07C	WALLS BENEATH BRIDGE EAST	LAYER 1 Felt, Dk. Brown/ Black	No	None Detected	Cellulose Fiber	60%
					Carbonates Gypsum Binder/Filler	40%
		LAYER 2 Paint/ Coating, White	No	None Detected	Carbonates Gypsum Binder/Filler	100%
0142108-022 08A	WALLS BENEATH BRIDGE WEST	LAYER 1 Felt, Tan	No	None Detected	Cellulose Fiber	90%
					Gypsum Binder/Filler	10%
		LAYER 2 Paint/ Coating, White	No	None Detected	Carbonates Quartz Binder/Filler	100%
0142108-023 08B	WALLS BENEATH BRIDGE WEST	LAYER 1 Felt, Tan	No	None Detected	Cellulose Fiber	90%
					Gypsum Binder/Filler	10%
		LAYER 2 Paint/ Coating, White	No	None Detected	Carbonates Quartz Binder/Filler	100%

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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:	05/23/2014	Date Reported:	06/17/2014	
Project Name:	BRIDGE 53-0883	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	
0142108-024 08C	WALLS BENEATH BRIDGE EAST	LAYER 1 Felt, Tan	No	None Detected	Cellulose Fiber	90%
					Gypsum Binder/Filler	10%
		LAYER 2 Paint/ Coating, White	No	None Detected	Carbonates Quartz Binder/Filler	100%
0142108-025 09A	NORTH AND SOUTH SW	Mortar, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142108-026 09B	NORTH AND SOUTH SE	Mortar, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142108-027 09C	NORTH AND SOUTH NW	Mortar, Beige	No	None Detected	Cellulose Fiber	<1%
					Quartz Gypsum Mica Carbonates Binder/Filler	99%
0142108-028 10A	THROUGHOUT DECK NORTH	Adhesive, Black	No	None Detected	Carbonates Gypsum Binder/Filler	100%

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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: 05/23/2014 Date Reported: 06/17/2014
Project Name: BRIDGE 53-0883 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
0142108-029 10B	THROUGHOUT DECK NORTH	Adhesive, Black	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0142108-030 10C	THROUGHOUT DECK NORTH	Adhesive, Black	No	None Detected	Carbonates Gypsum Binder/Filler 100%



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 indicated 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.

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Laboratory Report
0142109

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 53-1030	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	
0142109-001 01A	GUARD RAILING SW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates	<1% 99%
0142109-002 01B	GUARD RAILING SE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates	<1% 99%
0142109-003 01C	GUARD RAILING NW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142109-004 02A	THROUGHOUT DECK SW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142109-005 02B	THROUGHOUT DECK SE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%

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Laboratory Report
0142109

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 53-1030	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	
0142109-006 02C	THROUGHOUT DECK NE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142109-007 03A	SOUTH SW	Concrete Block, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142109-008 03B	SOUTH SE	Concrete Block, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142109-009 03C	SOUTH SW	Concrete Block, Beige	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142109-010 04A	DECK SW	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	 100%
0142109-011 04B	DECK SE	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	 100%

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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 53-1030	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	
0142109-012	DECK NE	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142109-013 05A	VARIOUS SW	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142109-014 05B	VARIOUS SE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142109-015 05C	VARIOUS SE	Felt, Brown/ Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142109-016 06A	SOUTH SW	Mortar, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142109-017 06B	SOUTH SE	Mortar, Beige	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%

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Bulk Asbestos Analysis by Polarized Light Microscopy

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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	
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Project Name:	BRIDGE 53-1030	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	
0142109-018 06C	SOUTH SE	Mortar, Beige	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142109-019 07A	BENEATH DECK NW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142109-020 07B	BENEATH DECK NW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142109-021 07C	BENEATH DECK NW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%



Analyst - Kenneth Scheske



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 indicated 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.

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Laboratory Report
0142110

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:	06/03/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-1031	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	
0142110-001 01A	GUARD RAILS SW	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142110-002 01B	GUARD RAILS SE	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142110-003 01C	GUARD RAILS NE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	1% 99%
0142110-004 02A	THROUGHOUT DECK SW	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142110-005 02B	THROUGHOUT DECK SE	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%

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Laboratory Report
0142110

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:	06/03/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-1031	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	
0142110-006 02C	THROUGHOUT DECK NE	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142110-007 03A	NORTH NE	Concrete Block, Brown	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142110-008 03B	NORTH NE	Concrete Block, Brown	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142110-009 03C	NORTH NW	Concrete Block, Brown	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142110-010 04A	DECK SW	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	 100%
0142110-011 04B	DECK SE	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	 100%

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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:	06/03/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-1031	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	
0142110-012 04C	DECK NE	Sealant, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
0142110-013 05A	VARIOUS SE	Felt, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142110-014 05B	VARIOUS NE	Felt, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142110-015 05C	VARIOUS NW	Felt, Black	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142110-016 06A	NORTH SE	Mortar, Beige	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0142110-017 06B	NORTH NE	Mortar, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%

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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:	06/03/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-1031	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	
0142110-018 06C	NORTH NW	Mortar, Beige	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142110-019 07A	SOUTH (EB)	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142110-020 07B	SOUTH (EB)	Concrete, Gray	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates Binder/Filler	<1% 99%
0142110-021 07C	SOUTH (EB)	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%
0142110-022 08A	GUARD RAILS SE	Sealant, Gray	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0142110-023 09A	BENEATH BRIDGE EAST	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	 100%

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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:	06/03/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-1031	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
0142110-024 09B	BENEATH BRIDGE EAST	Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0142110-025 09C	BENEATH BRIDGE WEST	Concrete, Gray	No	None Detected	Cellulose Fiber <1% Quartz Gypsum Mica Carbonates Binder/Filler 99%
0142110-026 10A	BENEATH DECK AT ABUTMENTS EAST	Pipe Insulation, Black	No	None Detected	Cellulose Fiber 30% Carbonates Gypsum Binder/Filler 70%
0142110-027 10B	BENEATH DECK AT ABUTMENTS EAST	Pipe Insulation, Black	No	None Detected	Cellulose Fiber 30% Carbonates Gypsum Binder/Filler 70%
0142110-028 10C	BENEATH DECK AT ABUTMENTS WEST	Pipe Insulation, Black	No	None Detected	Cellulose Fiber 30% Carbonates Gypsum Binder/Filler 70%
0142110-029 11A	BENEATH BRIDGE WEST	Felt, Dk. Brown	No	None Detected	Cellulose Fiber 60% Carbonates Gypsum Binder/Filler 40%

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Bulk Asbestos Analysis by Polarized Light Microscopy

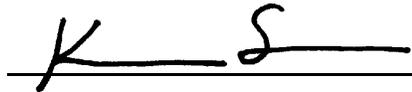
NVLAP#101926-0

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:	06/03/2014	Date Reported:	06/18/2014	
Project Name:	BRIDGE 53-1031	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	
0142110-030 11B	BENEATH BRIDGE WEST	Felt, Dk. Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%
0142110-031 11C	BENEATH BRIDGE WEST	Felt, Dk. Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	60% 40%



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 indicated 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.

CHAIN OF CUSTODY

EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#:	142027
TAT:	5-7 days
Rec'd:	JUN 05 P.M.
EMC USE ONLY	

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361

CONTACT: Jason Stagno
 Phone/Fax: (805) 719-9392 / (805) 630-8648
 Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** {4hr rush} [8hr rush] [1-Day] [2-Day] [3-Day] X [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required
 ****Additional charges for rush analysis (please call marketing department for pricing details)
 ****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** X [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** X [Dispose of samples at EMC] / [Return samples to me at my expense] (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: St Route 10, 07A33221-T010 Bridge 53-1021C
 P.O. Number: _____ Project Number: 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS	
					ON FLOW	OFF RATE
1 25	See Attached Logs 090	5/22	A	N		
				N		
				N		
				N		
				N		
				N		
				N		
				N		
				N		
				N		
				N		
				N		

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Jason Stagno (Signature)

Relinquished by: J. Stagno Date/Time: 6/4/14 @ 1600 Received by: Diana Federico Date/Time: 6/4/14

Relinquished by: Diana Federico Date/Time: 6/4/14 Received by: Date/Time: 0514

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51st St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#:	142028
TAT:	5 Days
Rec'd:	JUN 05 P.M.
EMC USE ONLY	

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361

CONTACT: Jason Stagno
 Phone/Fax: (805) 719-9392 / (805) 630-8648
 Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] X [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** X [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** X [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: <u>St Route 10, 07A33221-T010</u>		<u>Bridge 53-0010K</u>				
P.O. Number: _____		Project Number: <u>185831010.200.0002</u>				
EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS	
					ON FLOW	OFF RATE
33	See Attached Logs 11C	5/22		N		
				N		
				N		
				N		
				N		
				N		
				N		
				N		
				N		
				N		

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Jason Stagno (Signature) 

Relinquished by: J. Stagno Date/Time: 6/4/14 @ 1600 Received by: Diana Federico Date/Time: 6/4/14

Relinquished by: Diana Federico Date/Time: 6/4/14 Received by: [Signature] Date/Time: 6/4/14

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 142029
TAT: 5-7 days
Rec'd: JUN 05 P.M.
 EMC USE ONLY

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361
CONTACT: Jason Stagno
Phone/Fax: (805) 719-9392 / (805) 630-8648
Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: VISA - MASTERCARD Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] X [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

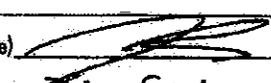
2. **TYPE OF ANALYSIS:** X [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** X [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. **Project Name:** St Route 10, 07A33221-T010 Bridge 53-2636
P.O. Number: _____ **Project Number:** 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS	
					ON FLOW RATE	OFF
1	See Attached Logs	5/22		Y N		
				Y N		
				Y N		
				Y N		
18	06C			Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Jason Stagno (Signature) 

Relinquished by: J. Stagno Date/Time: 6/4/14 @ 1600 Received by: Diana Federico Date/Time: 6/4/14

Relinquished by: Diana Federico Date/Time: 6/4/14 Received by: Pat Y Date/Time: 6/4/14

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#:	142030
TAT:	5-7 days
Rec'd:	JUN 05 P.M.
EMC USE ONLY	

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361

CONTACT: Jason Stagno
 Phone/Fax: (805) 719-9392 / (805) 630-8648
 Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] X [5-Day] [6-10 Day]

***Prior confirmation of turnaround time is required

***Additional charges for rush analysis (please call marketing department for pricing details)

***Laboratory analysis may be subject to delay if credit terms are not met

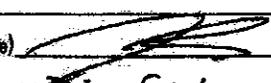
2. **TYPE OF ANALYSIS:** X [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** X [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: St Route 10, 07A33221-T010 Bridge 53-0658
 P.O. Number: _____ Project Number: 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS	
					ON FLOW RATE	OFF
1	See Attached Logs	5/23		Y N		
24	OBC			Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Jason Stagno (Signature) 

Relinquished by: J. Stagno Date/Time: 6/4/14 @ 1600 Received by: Diana Federico Date/Time: 6/4/14

Relinquished by: Diana Federico Date/Time: 6/4/14 Received by: [Signature] Date/Time: 6/4/14

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#:	142031
TAT:	5 days
Rec'd:	JUN 05 P.M.
EMC USE ONLY	

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361
 CONTACT: Jason Stagno
 Phone/Fax: (805) 719-9392 / (805) 630-8648
 Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

***Prior confirmation of turnaround time is required
 ***Additional charges for rush analysis (please call marketing department for pricing details)
 ***Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. **Project Name:** St Route 10, 07A33221-T010 Bridge - 53-0010S
P.O. Number: _____ **Project Number:** 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS	
					ON FLOW	OFF RATE
1	See Attached Logs	5/22		N		
				N		
				N		
				N		
30	10c			N		
				N		
				N		
				N		
				N		
				N		
				N		
				N		
				N		
				N		
				N		

SPECIAL INSTRUCTIONS:

Sample Collector: (Print) Jason Stagno (Signature)

Relinquished by: J. Stagno Date/Time: 6/4/14 @ 1600 Received by: Diana Federico Date/Time: 6/4/14

Relinquished by: Diana Federico Date/Time: 6/4/14 Received by: John - J. Torres Date/Time: 6-4-14

Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time: _____

140241



Asbestos Bulk Sample Log

25864-F Business Center Drive
Redlands, CA 92374
Tel: (909) 335-6116
Fax: (909) 335-6120

Project Name: St Route 10, 07A33221-TO 10

Site Name: State Route 10

Date: 5/22/14

Project #: 185831010 Task #: 200.0002

Bridge: 53-0010 S

Inspector: JS/SE

MATERIAL	
HA#	08
Material Type:	Adhesive
Color:	Black
Description:	Associated with Deck Reflectors
Estimated Total Qty.:	10 SF

MATERIAL LOCATIONS			
Floor #	Location	Quantity Estimate	Cond.
-	Throughout Deck	10 SF	D

SAMPLES	
Sample #	Sample Location
08 A	NW
08 B	North/Center
08 C	NE
D	
E	
F	
G	

Notes:

HAZARD ASSESSMENT			
Friable:	Yes	<input checked="" type="radio"/> No	
Contact by Maintenance:	Low	Med	<input checked="" type="radio"/> High
Vibration:	Low	Med	<input checked="" type="radio"/> High
Air Movement:	Low	Med	<input checked="" type="radio"/> High

Relinquished By: [Signature]

Date: 6/4/14

Received By: Diana Federico

Date: 6/5/14

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 142101
TAT: 5+ Day
Rec'd: JUN 06 P.M.
 EMC USE ONLY

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361
CONTACT: Jason Stagno
Phone/Fax: (805) 719-9392 / (805) 630-8648
Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: VISA - MASTERCARD **Price Quoted:** \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: St Route 10, 07A33221-T010 Bridge 53-1029
P.O. Number: _____ **Project Number:** 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS	
					ON FLOW	OFF RATE
24	See Attached Logs A 08/C	5/23	Bulk	Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		

SPECIAL INSTRUCTIONS:

Sample Collector: (Print) Jason Stagno
 Relinquished by: J. Stagno Date/Time: 6/5/14 @ 1600 (Signature) [Signature]
 Relinquished by: Diana Federico Date/Time: 6/6/14 Received by: [Signature] Date/Time: 6/6/14
 Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 142102
TAT: 5+ Days
Rec'd: JUN 06 P.M.
 EMC USE ONLY

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361
CONTACT: Jason Stagno
Phone/Fax: (805) 719-9392/ (805) 630-8648
Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: VISA - MASTERCARD **Price Quoted:** \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

***Prior confirmation of turnaround time is required
 ***Additional charges for rush analysis (please call marketing department for pricing details)
 ***Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: St Route 10, 07A33221-T010 Bridge 53-1032
P.O. Number: _____ **Project Number:** 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS	
					ON FLOW RATE	OFF
1	See Attached Logs	6/3	Bulk	<input checked="" type="checkbox"/> N		
				<input type="checkbox"/> N		
				<input type="checkbox"/> N		
				<input type="checkbox"/> N		
				<input type="checkbox"/> N		
25	9C			<input checked="" type="checkbox"/> N		
				<input type="checkbox"/> N		
				<input type="checkbox"/> N		
				<input type="checkbox"/> N		
				<input type="checkbox"/> N		
			6A only	<input type="checkbox"/> N		
				<input type="checkbox"/> N		
				<input type="checkbox"/> N		
				<input type="checkbox"/> N		
				<input type="checkbox"/> N		
				<input type="checkbox"/> N		
				<input type="checkbox"/> N		

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Jason Stagno (Signature)

Relinquished by: J. Stagno Date/Time: 6/5/14 @ 1600 Received by: Diana Federico Date/Time: 6/6/14

Relinquished by: Diana Federico Date/Time: 6/6/14 Received by:

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 142103
TAT: 5+ Day
Rec'd: JUN 06 P.M.
 EMC USE ONLY

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361
CONTACT: Jason Stagno
Phone/Fax: (805) 719-9392/ (805) 630-8648
Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: VISA - MASTERCARD **Price Quoted:** \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required
 ****Additional charges for rush analysis (please call marketing department for pricing details)
 ****Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense] (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: St Route 10, 07A33221-T010 Bridge 53-0659
P.O. Number: _____ **Project Number:** 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS	
					ON FLOW	OFF RATE
1	See Attached Logs	5/23		Y N		
				Y N		
				Y N		
				Y N		
				Y N		
27	09C			Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Jason Stagno

Relinquished by: J. Stagno Date/Time: 6/5/14 @ 1600 (Signature) [Signature] Received by: Diana Federico Date/Time: 6/6/14

Relinquished by: Diana Federico Date/Time: 6/6/14 Received by: [Signature] Date/Time: 6/6/14

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 142104
TAT: 5+ Days
Rec'd: JUN 06 P.M.
 EMC USE ONLY

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361
CONTACT: Jason Stagno
Phone/Fax: (805) 719-9392 / (805) 630-8648
Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: VISA - MASTERCARD **Price Quoted:** \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required
 ****Additional charges for rush analysis (please call marketing department for pricing details)
 ****Laboratory analysis may be subject to delay if credit terms are not met

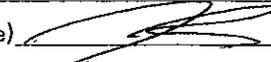
2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

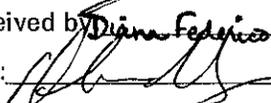
4. Project Name: St Route 10, 07A33221-T010 Bridge 53-0661
P.O. Number: _____ **Project Number:** 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS	
					ON FLOW RATE	OFF
1	01A See Attached Logs	6/2	Bulk	Y N		
18	06C			Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Jason Stagno (Signature) 

Relinquished by: J. Stagno Date/Time: 6/5/14 @ 1600 Received by: Diana Federico Date/Time: 6/6/14

Relinquished by: Diana Federico Date/Time: 6/6/14 Received by:  Date/Time: 6-6-14

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 142105
 TAT: 5+ Day
 Rec'd: JUN 06 P.M.
 EMC USE ONLY

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361

CONTACT: Jason Stagno
 Phone/Fax: (805) 719-9392/ (805) 630-8648
 Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]
 ***Prior confirmation of turnaround time is required
 ***Additional charges for rush analysis (please call marketing department for pricing details)
 ***Laboratory analysis may be subject to delay if credit terms are not met
2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]
3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. **Project Name:** St Route 10, 07A33221-T010 Bridge 53-0660
P.O. Number: _____ **Project Number:** 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON FLOW	OFF RATE	
24	See Attached Logs IA	6/2	Bulk	Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Jason Stagno (Signature) [Signature]

Relinquished by: J. Stagno Date/Time: 6/5/14 @ 1600 Received by: Diana Federico Date/Time: 6/11/14

Relinquished by: Diana Federico Date/Time: 6/11/14 Received by: [Signature] Date/Time: [Signature]

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 142106
TAT: 5+ Days
Rec'd: JUN 06 P.M.
 EMC USE ONLY

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361

CONTACT: Jason Stagno
Phone/Fax: (805) 719-9392/ (805) 630-8648
Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: VISA - MASTERCARD Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required
 ****Additional charges for rush analysis (please call marketing department for pricing details)
 ****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. **Project Name:** St Route 10, 07A33221-T010

Bridge 53-0660

P.O. Number: _____

Project Number: 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON FLOW RATE	OFF	
1 24	See Attached Logs 1A ORC	6/3	Bridge	Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		

SPECIAL INSTRUCTIONS:

Sample Collector: (Print) Jason Stagno

Relinquished by: J. Stagno Date/Time: 6/5/14 @ 1600 (Signature) 
 Relinquished by: Diana Federica Date/Time: 6/6/14 Received by: Diana Federica Date/Time: 6/6/14
 Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 142107
 TAT: 5+ Days
 Rec'd: JUN 06 P.M.
 EMC USE ONLY

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361
 CONTACT: Jason Stagno
 Phone/Fax/Cell: (805) 719-9392 / (805) 630-8648
 Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required
 ****Additional charges for rush analysis (please call marketing department for pricing details)
 ****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: <u>St Route 10, 07A33221-T010</u>		<u>Bridge 53-0867</u>			
P.O. Number: _____		Project Number: <u>185831010.200.0002</u>			
EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS ON FLOW OFF RATE
<u>1</u>	<u>1A</u> <u>See Attached Logs</u>	<u>6/2</u>	<u>Bulk</u>	<u>Y</u> N	
<u>25</u>	<u>09C</u>			<u>Y</u> N	
				<u>Y</u> N	
				<u>Y</u> N	
			<u>7A only</u>	<u>Y</u> N	
				<u>Y</u> N	
				<u>Y</u> N	
				<u>Y</u> N	
				<u>Y</u> N	
				<u>Y</u> N	
				<u>Y</u> N	
				<u>Y</u> N	

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Jason Stagno (Signature) _____ Date/Time: 6/5/14 @ 1600

Relinquished by: J. Stagno Date/Time: 6/4/14 Received by: Diana Federico Date/Time: 6/6/14

Relinquished by: Diana Federico Date/Time: 6/4/14 Received by: _____ Date/Time: _____

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 142108
TAT: 5+ days
Rec'd: JUN 06 P.M.
 EMC USE ONLY

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361

CONTACT: Jason Stagno
Phone/Fax/Cell: (805) 719-9392/ (805) 630-8648
Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: VISA - MASTERCARD Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required
 ****Additional charges for rush analysis (please call marketing department for pricing details)
 ****Laboratory analysis may be subject to delay if credit terms are not met

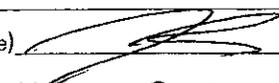
2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: St Route 10, 07A33221-T010 Bridge 53-0883
P.O. Number: _____ **Project Number:** 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS	
					ON FLOW RATE	OFF
1 30	01A 10C	5/23	Bulk	<input checked="" type="checkbox"/> N		
				Y N		
				Y N		
				Y N		
				<input checked="" type="checkbox"/> N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Jason Stagno (Signature) 

Relinquished by: J. Stagno Date/Time: 6/5/14 @ 1600 Received by: Diana Federico Date/Time: 6/6/14

Relinquished by: Diana Federico Date/Time: 6/6/14 Received by: Per Date/Time: 6/6/14

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#:	142109
TAT:	5+ days
Rec'd:	JUN 06 P.M.
EMC USE ONLY	

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361

CONTACT: Jason Stagno
 Phone/Fax: (805) 719-9392/ (805) 630-8648
 Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required
 ****Additional charges for rush analysis (please call marketing department for pricing details)
 ****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. **Project Name:** St Route 10, 07A33221-T010 Bridge 53-1030
P.O. Number: _____ **Project Number:** 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS	
					ON FLOW	OFF RATE
1	See Attached Logs	6/2	Bulk	Y N		
2	67C			Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		
				Y N		

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Jason Stagno (Signature) _____
 Relinquished by: J. Stagno Date/Time: 6/5/14 @ 1600 Received by: Diana Federico Date/Time: 6/6/14
 Relinquished by: Diana Federico Date/Time: 6/6/14 Received by: _____ Date/Time: 6/6/14
 Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

CHAIN OF CUSTODY
 EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 142110
TAT: 5+ Days
Rec'd: JUN 06 PM
 EMC USE ONLY

COMPANY NAME: Stantec Consulting Services Inc.
290 Conejo Ridge Avenue
Thousand Oaks, CA 91361
CONTACT: Jason Stagno
Phone/Fax: (805) 719-9392/ (805) 630-8648
Email: jason.stagno@stantec.com

BILL TO: (If Different Location)
Stantec Consulting Services, Inc. - Anne Perez
25864 F Business Center Drive
Redlands, CA 92374
(909) 335-6116
anne.perez@stantec.com

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: St Route 10, 07A33221-T010 Bridge 53-1031
P.O. Number: _____ **Project Number:** 185831010.200.0002

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON FLOW	OFF RATE	
1	See Attached Logs	6/3	Bulk	Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
31	11C			Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		
				Y	N		

SPECIAL INSTRUCTIONS: _____

Sample Collector: (Print) Jason Stagno (Signature)

Relinquished by: J. Stagno Date/Time: 6/5/14 @ 1600 Received by: Diana Federico Date/Time: 6/6/14

Relinquished by: Diana Federico Date/Time: 6/6/14 Received by: [Signature] Date/Time: 6/6/14

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

**Fiber Optic System
As-Built Drawings**

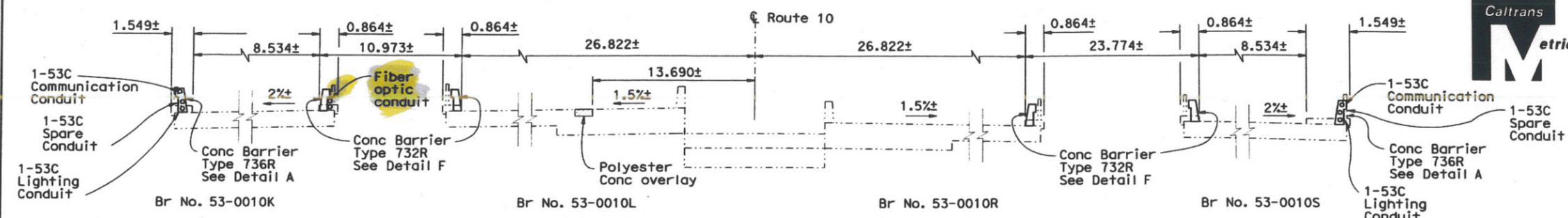


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	10	29.5/50.4	1304	1317

11/14/07
 R. Khalafbeigi
 REGISTERED CIVIL ENGINEER
 No. C 45227
 Exp. 9-30-08
 CIVIL
 STATE OF CALIFORNIA

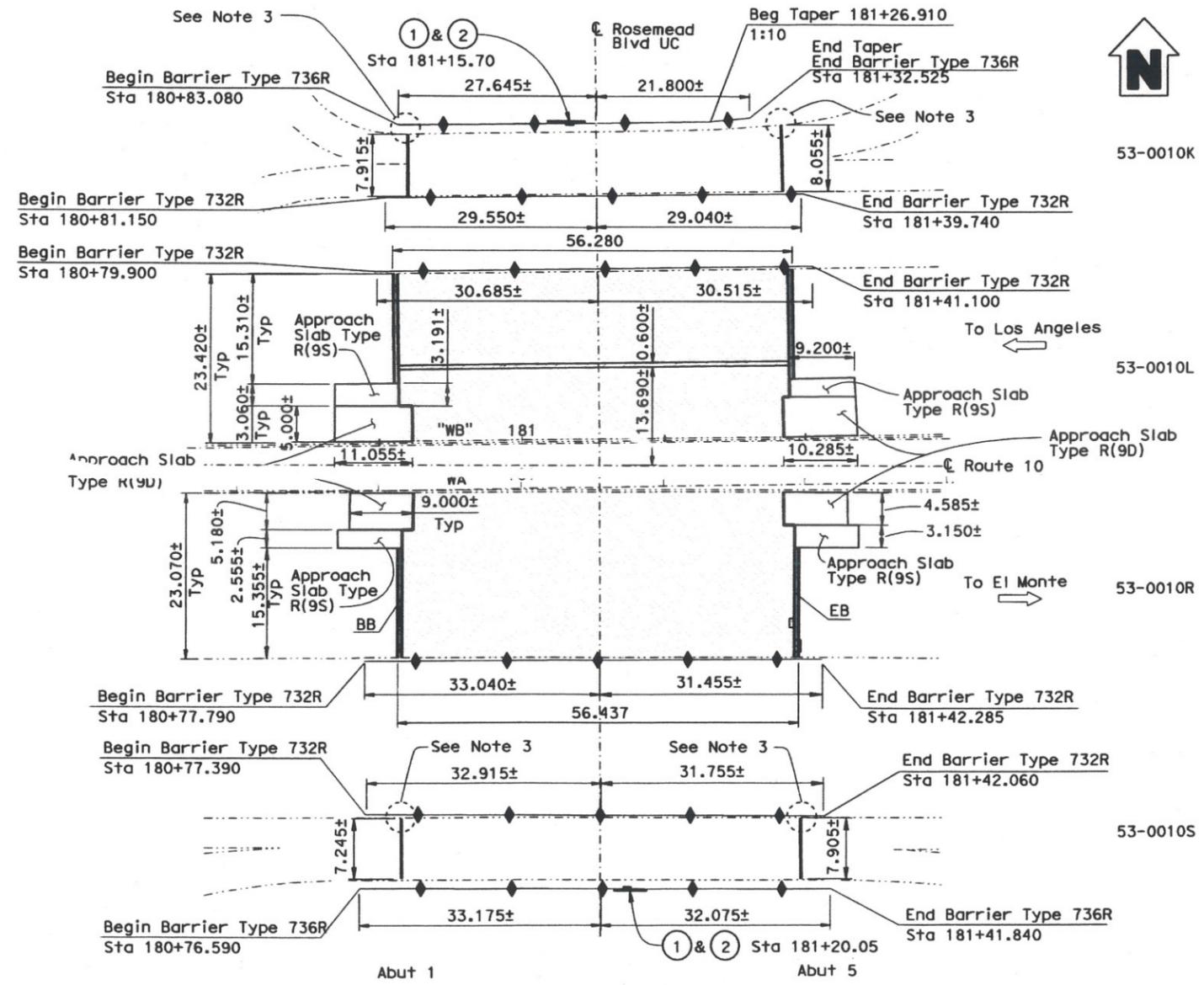
5-5-08
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

HNTB Corporation
 200 E. SANDPIPER AVENUE, SUITE 200
 SANTA ANA, CALIFORNIA 92707



TYPICAL SECTION AT ROSEMEAD BLVD

NO SCALE



LEGEND:

- Indicates Existing Structure
- Indicates New Structure
- Indicates Direction Of Traffic
- Indicates limits of clean and treat bridge deck with high molecular weight methacrylate. Remove two 50 Ø mm x 127 mm deep concrete cores in each span. Cores shall be taken over an existing deck crack after the bridge deck is treated with methacrylate. The exact location of the cores are to be determined by the Engineer. Patch cored holes with rapid setting concrete.
- ▭ Indicates replace deck (20 mm) with polyester concrete overlay.
- /— Indicates Location Of Remove Existing Joint Seal And Place New Joint Seal
- ◆◆◆ Indicates Removal Of Existing Railing And Replacing With New Concrete Railing
- ① Bridge Mounted Overhead Sign, see Pad Plans
- ② Type 2A Full Box In Concrete Barrier

Notes:

1. For Detail A and Detail F see "Details No. 3" sheet
2. For Railing Layout, see "Details No. 4" sheet.
3. For existing hand rail connection to concrete barrier Type 736R, see Detail E on "Details No. 3" sheet.
4. For Fiber optics conduit see Road Plans.

QUANTITIES

REMOVE CONCRETE DECK SURFACE	33	m ²
PREPARE CONCRETE BRIDGE DECK SURFACE	33	m ²
CLEAN BRIDGE DECK	2,570	m ²
BRIDGE REMOVAL (PORTION), LOCATION K	LUMP	SUM
AGGREGATE BASE (APPROACH SLAB)	9	m ³
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	91	m ³
PAVING NOTCH EXTENSION	1.4	m ³
CLEAN EXPANSION JOINT	154	m
REFINISH BRIDGE DECK	45	m ²
FURNISH POLYESTER CONCRETE OVERLAY	0.7	m ³
PLACE POLYESTER CONCRETE OVERLAY	33	m ²
CORE TREATED BRIDGE DECK	16	EA
JOINT SEAL (MR 30 MM)	20	m
JOINT SEAL (MR 15 MM)	167	m
TREAT BRIDGE DECK	2,570	m ²
FURNISH BRIDGE DECK TREATMENT MATERIAL	1,169	L
CONCRETE BARRIER (TYPE 732R)	249	m
CONCRETE BARRIER (TYPE 736R)	115	m

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

Br No. 53-0010 K, L, R&S, KP=43.19
ROSEMEAD BLVD UC
1:400

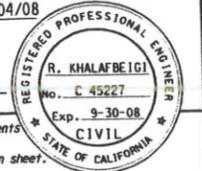
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

DESIGN	BY R. Khalafbeigi	CHECKED S. Liu	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO. 53-0010K, L, R&S	ROUTE 10 BRIDGES GENERAL PLAN NO. 12	
DETAILS	BY L. Zhang	CHECKED S. Liu	LAYOUT	BY L. Zhang	R. Khalafbeigi PROJECT ENGINEER	KILOMETER POST 43.19		
QUANTITIES	BY S. Liu	CHECKED D. Chang	SPECIFICATIONS	BY B. Sennett	PLANS AND SPECS COMPARED Y. Wang	DESIGN DATE 11/14/07	REVISION DATES (PRELIMINARY STAGE ONLY)	
DESIGN GENERAL PLAN SHEET (METRIC) (REV. 6/21/04)					ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS	CU 07223 EA 166811	DISREGARD PRINTS BEARING EARLIER REVISION DATES	SHEET 12 OF 25

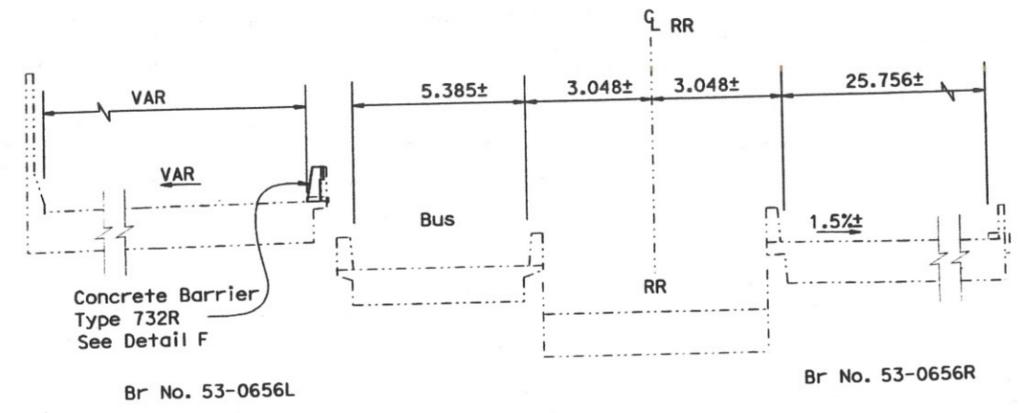


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	10	29.5/50.4	1305	1317

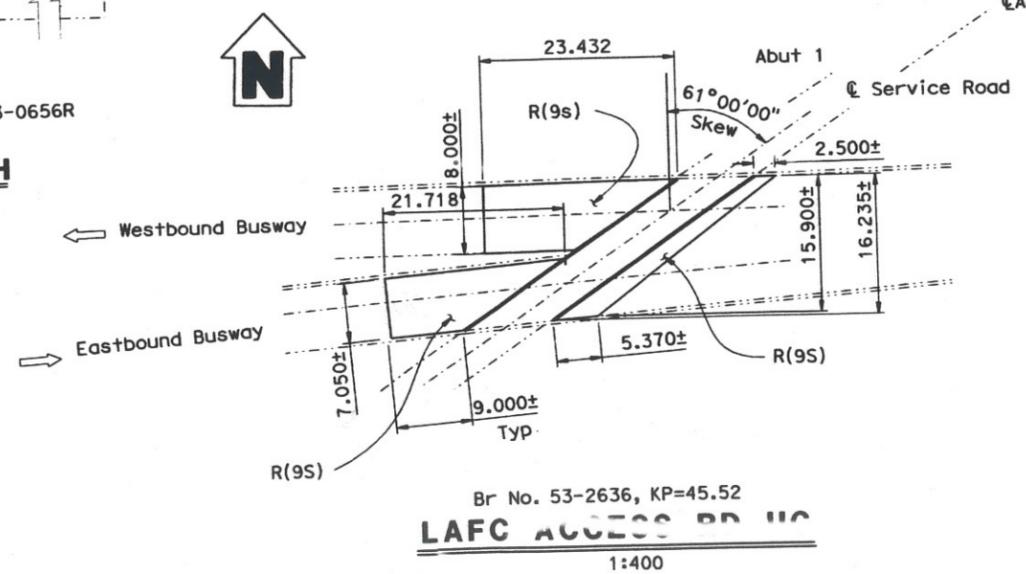
Reza Khalafbeigi 04/04/08
 REGISTERED CIVIL ENGINEER
 5-5-08
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



HNTB Corporation
 200 E. SANDPOINT AVENUE, SUITE 200
 SANTA ANA, CALIFORNIA 92707

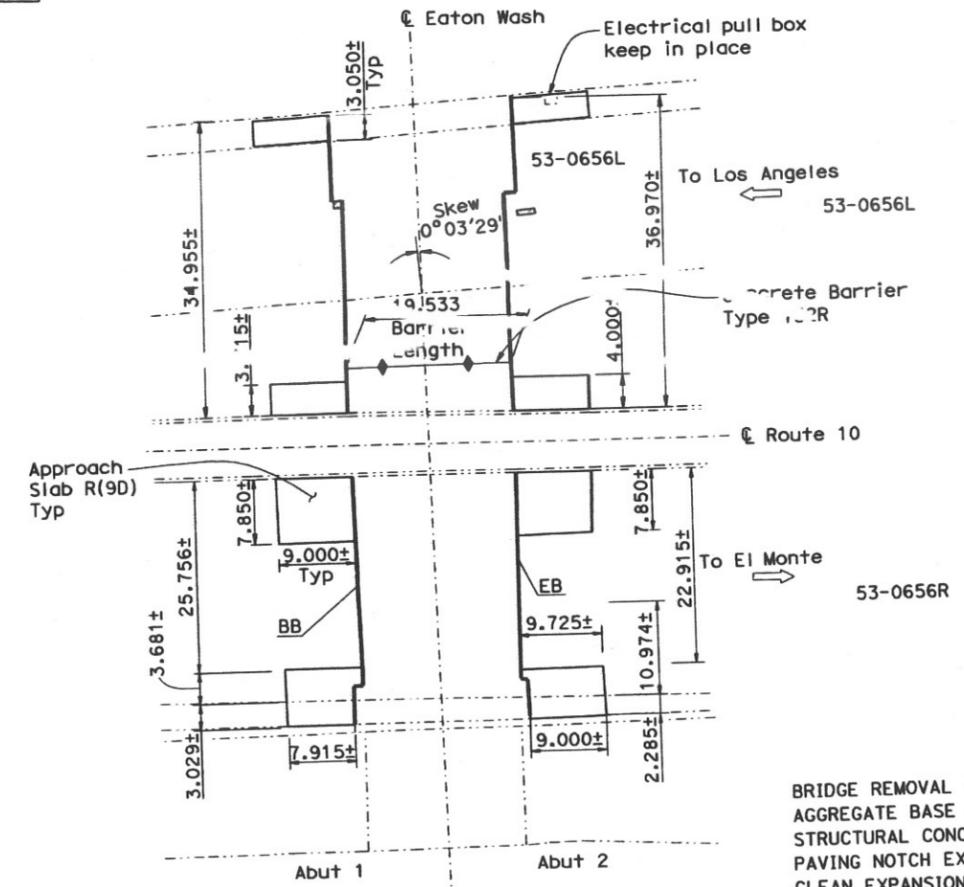


TYPICAL SECTION AT EATON WASH
NO SCALE



QUANTITIES

AGGREGATE BASE (APPROACH SLAB)	9	m ³
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	90	m ³
CLEAN EXPANSION JOINT	2	m
JOINT SEAL (MR 15 MM)	67	m



QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION L	LUMP SUM	11	m ³
AGGREGATE BASE (APPROACH SLAB)	113	m ³	
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	2.8	m ³	
PAVING NOTCH EXTENSION	91	m	
CLEAN EXPANSION JOINT	3	m ²	
REFINISH BRIDGE DECK	134	m	
JOINT SEAL (MR 15 MM)	20	m	
CONCRETE BARRIER (TYPE 732R)			

LEGEND:

- Indicates Existing Structure
- Indicates New Structure
- Indicates Direction Of Traffic
- /— Indicates Location Of Remove Existing Joint Seal And Place New Joint Seal
- ◆◆ Indicates Removal Of Existing Railing And Replacing With New Railing

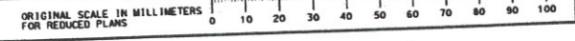
Note:

1. For Detail F, see "Details No. 3" sheet

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

NOTE: THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

Mina Pezeshpour DESIGN OVERSIGHT 04/04/08 SIGN OFF DATE DESIGN GENERAL PLAN SHEET (METRIC) (REV. 6/21/04)	DESIGN	BY R. Khalafbeigi	CHECKED S. Liu	LOAD FACTOR DESIGN	BY S. Liu	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	53-0656L&R	ROUTE 10 BRIDGES GENERAL PLAN NO. 13	SHEET 13 OF 25
	DETAILS	BY L. Zhang	CHECKED S. Liu	LAYOUT	BY L. Zhang		PROJECT ENGINEER	KILOMETER POST		
	QUANTITIES	BY S. Liu	CHECKED D. Chang	SPECIFICATIONS	BY B. Sennett	PLANS AND SPECS COMPARED	Y. Wang	CU 07223 EA 166811	DISREGARD PRINTS BEARING EARLIER REVISION DATES	



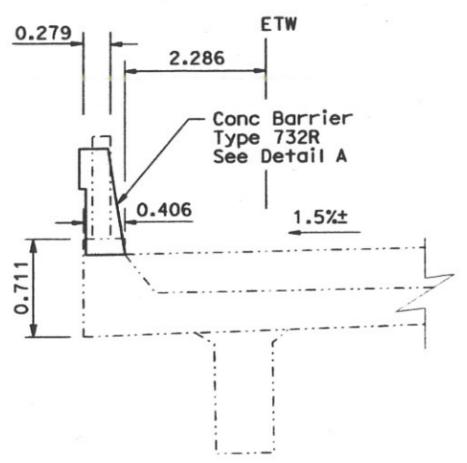
FILE # 07-166811 0-gp13.dgn

SHEET 12 OF 25
 USER NAME = TTP003 DATE PLOTTED = 09-MAY-2008 TIME PLOTTED = 11:22
 N SHOWN
 TIME PLOTTED = 09-MAY-2008 TIME PLOTTED = 11:22
 USER NAME = TTP003 DATE PLOTTED = 09-MAY-2008 TIME PLOTTED = 11:22

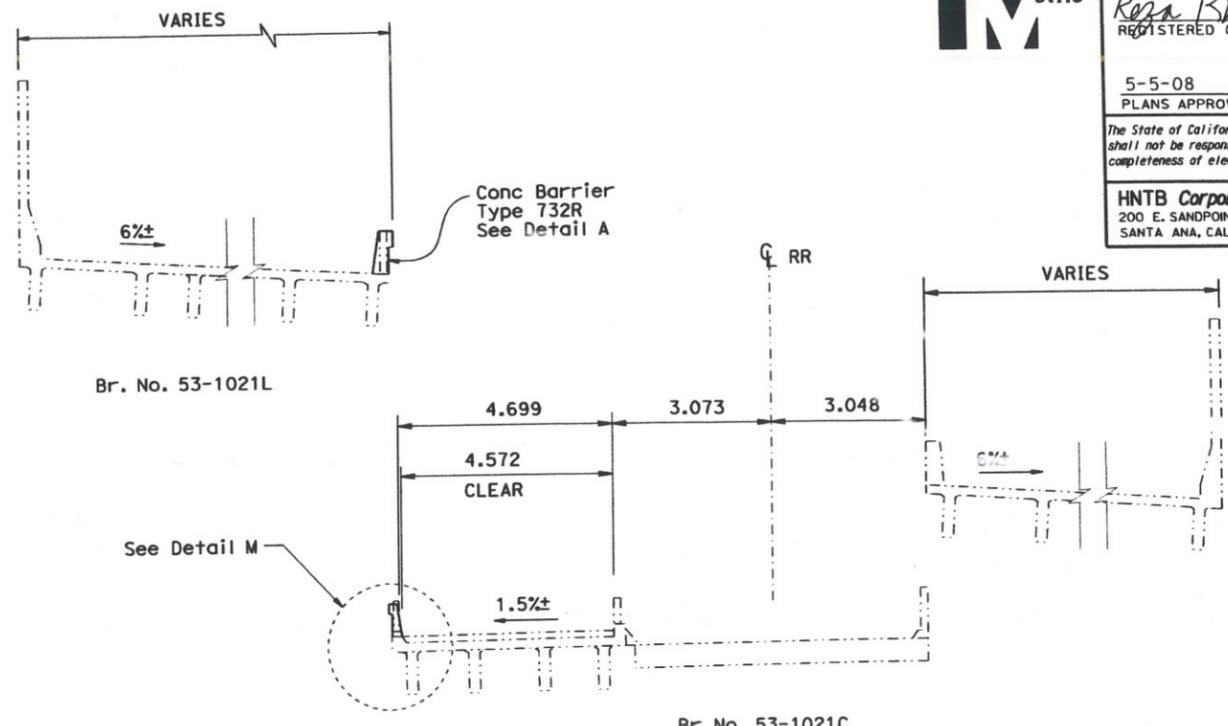


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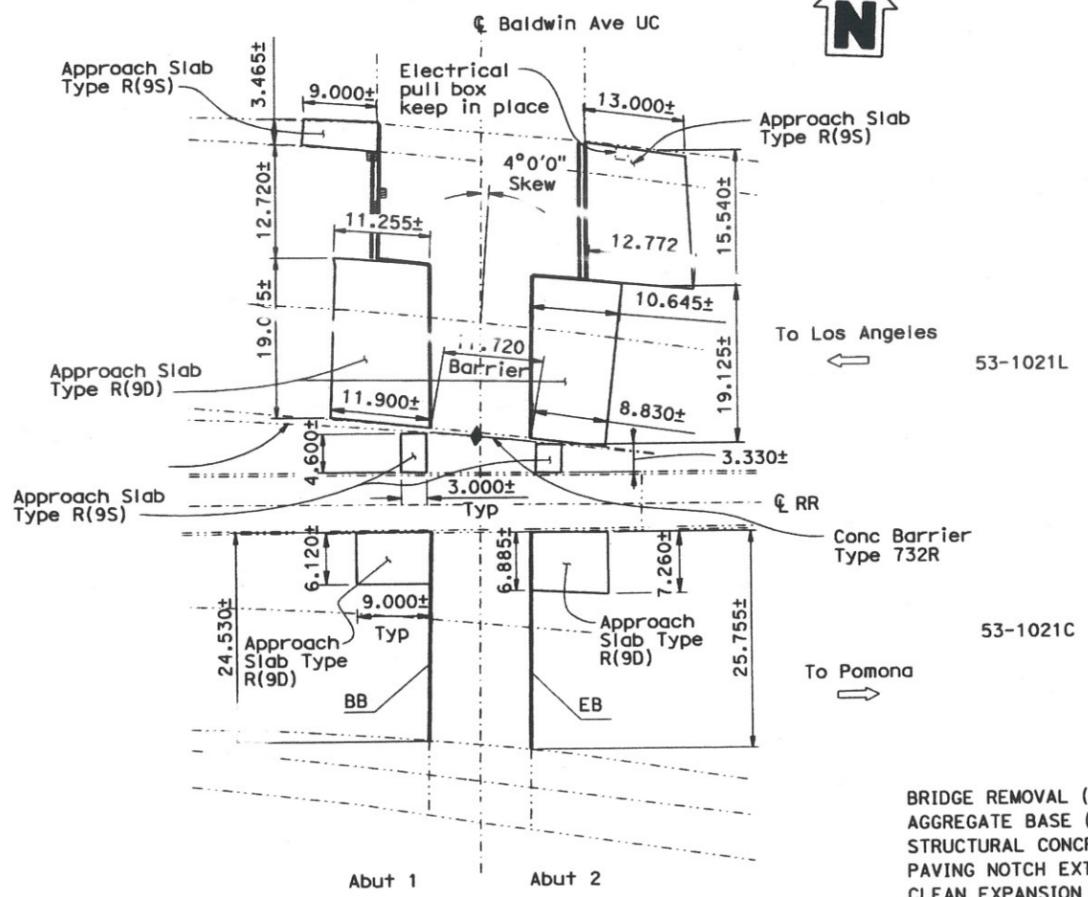
Reza Khalafbeigi 04/04/08
 REGISTERED CIVIL ENGINEER
 5-5-08
 PLANS APPROVAL DATE
 R. KHALAFBEIGI
 No. C 45227
 Exp. 9-30-08
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 STATE OF CALIFORNIA
 HNTB Corporation
 200 E. SANDPOINTE AVENUE, SUITE 200
 SANTA ANA, CALIFORNIA 92707



DETAIL M
Br No. 53-1021C



TYPICAL SECTION AT BALDWIN AVE UC AND UP



Br No. 53-1021L&C, KP=45.00
BALDWIN AVE UC
1:400

LEGEND:

- Indicates Existing Structure
- Indicates New Structure
- Indicates Direction Of Traffic
- / Indicates Location Of Remove Existing Joint Seal And Place New Joint Seal
- ◆◆ Indicates Removal Of Existing Railing And Replacing With New Concrete Railing

Notes:

1. For Detail A, see "Details No.3" sheet
2. For Barrier rail replacement, "see Roadway Plans"

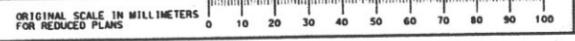
QUANTITIES

	LUMP SUM
BRIDGE REMOVAL (PORTION), LOCATION m	
AGGREGATE BASE (APPROACH SLAB)	23 m3
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	234 m3
PAVING NOTCH EXTENSION	3.5 m3
CLEAN EXPANSION JOINT	63 m
REFINISH BRIDGE DECK	3 m2
JOINT SEAL (MR 15 MM)	157 m
CONCRETE BARRIER (TYPE 732R)	24 m

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

Mina Pezeshpour DESIGN OVERSIGHT 04/04/08 SIGN OFF DATE DESIGN GENERAL PLAN SHEET (METRIC) (REV.6/21/04)	DESIGN BY R. Khalafbeigi CHECKED S. Liu	LOAD FACTOR DESIGN BY S. Liu CHECKED S. Liu	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD CHECKED S. Liu	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	R. Khalafbeigi PROJECT ENGINEER	BRIDGE NO. 53-1021L&C KILOMETER POST 45.00	ROUTE 10 BRIDGES GENERAL PLAN NO. 14
	DETAILS BY L. Zhang CHECKED S. Liu	LAYOUT BY L. Zhang CHECKED S. Liu	SPECIFICATIONS BY B. Sennett CHECKED Y. Wang	PLANS AND SPECS COMPARED Y. Wang	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 03/09/08 04/04/08 04/04/08 05/06/08 07/09/08 08/04/08 11/02/08 11/04/08 SHEET 14 OF 25	



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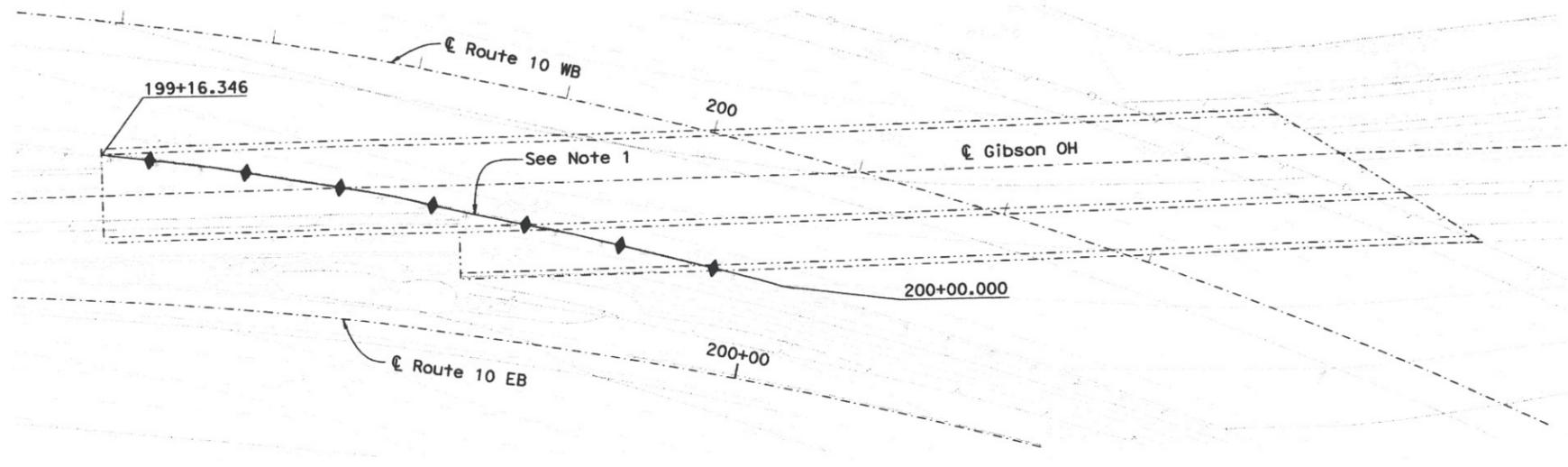
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 25



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	10	29.5/50.4	1307	1317

Registered Civil Engineer
 Raza Khalafbeigi 11/14/07
 No. C 45227
 Exp. 9-30-08
 CIVIL
 STATE OF CALIFORNIA

HNTB Corporation
 200 E. SANDPOINTE AVENUE, SUITE 200
 SANTA ANA, CALIFORNIA 92707



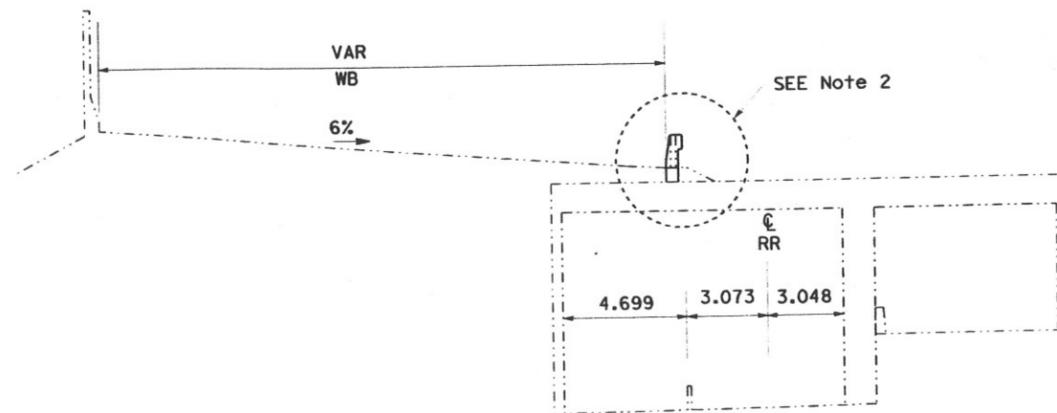
Br No. 53-1022L, KP=45.00
GIBSON OH
 1:400

LEGEND:

- Indicates Existing Structure
- Indicates New Structure
- ◆◆◆ Indicates New Concrete Barrier Type 732R Mod

Notes:

1. Remove existing MBGR
2. For Barrier Detail, see Detail H on "Details No.4" sheet



TYPICAL SECTION
 NO SCALE

QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION N	LUMP SUM
CONCRETE BARRIER (TYPE 732R)(MODIFIED)	84 m

NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

Mina Pezeshpour DESIGN OVERSIGHT 11/14/07 SIGN OFF DATE	DESIGN	BY R. Khalafbeigi	CHECKED S. Liu	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION R. Khalafbeigi PROJECT ENGINEER	BRIDGE NO.	ROUTE 10 BRIDGES GENERAL PLAN NO. 15
	DETAILS	BY L. Zhang	CHECKED S. Liu	LAYOUT	BY L. Zhang		CHECKED S. Liu	
QUANTITIES	BY S. Liu	CHECKED D. Chang	SPECIFICATIONS	BY B. Sennett	PLANS AND SPECS COMPARED	Y. Wang	KILOMETER POST	VARIOUS
DESIGN GENERAL PLAN SHEET (METRIC) (REV.6/21/04)						CU 07223 EA 166811	DISREGARD PRINTS BEARING EARLIER REVISION DATES	
ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS						0 10 20 30 40 50 60 70 80 90 100	SHEET 15 OF 25	

DATE PLOTTED = 09-MAY-2008 TIME PLOTTED = 11:22

Click on the "Home" button on the web site to get to the web site, go to: <http://www.dgs.ca.gov>

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	834	1142

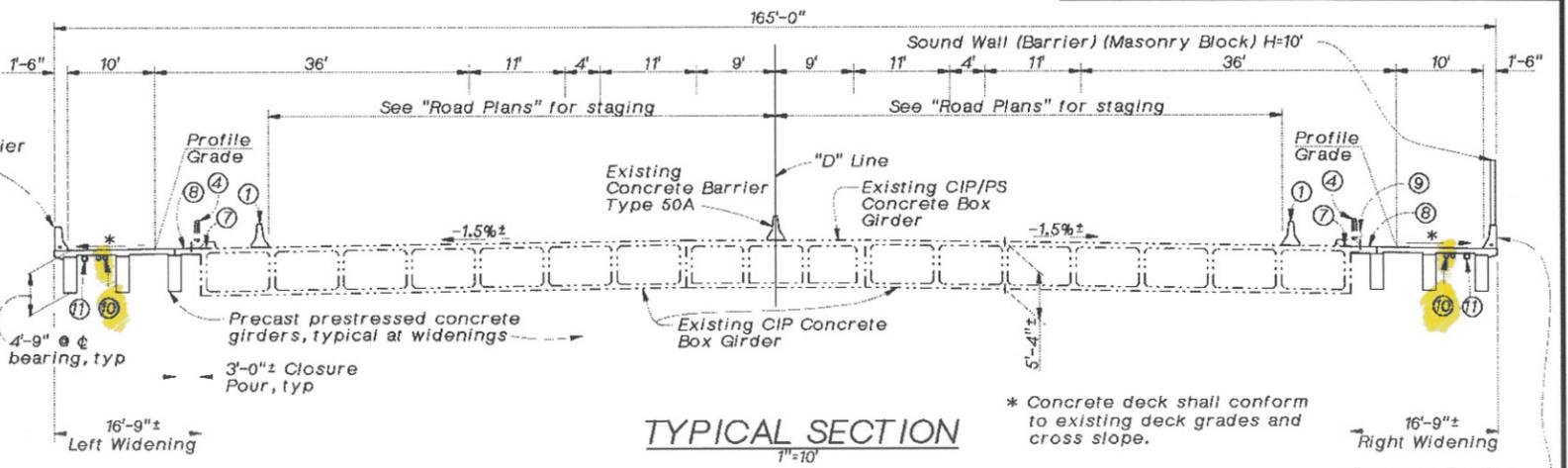
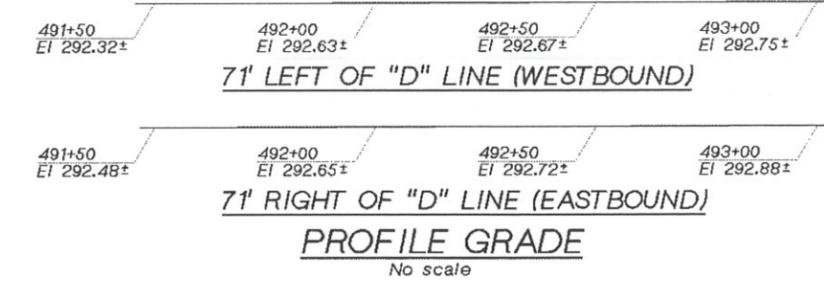
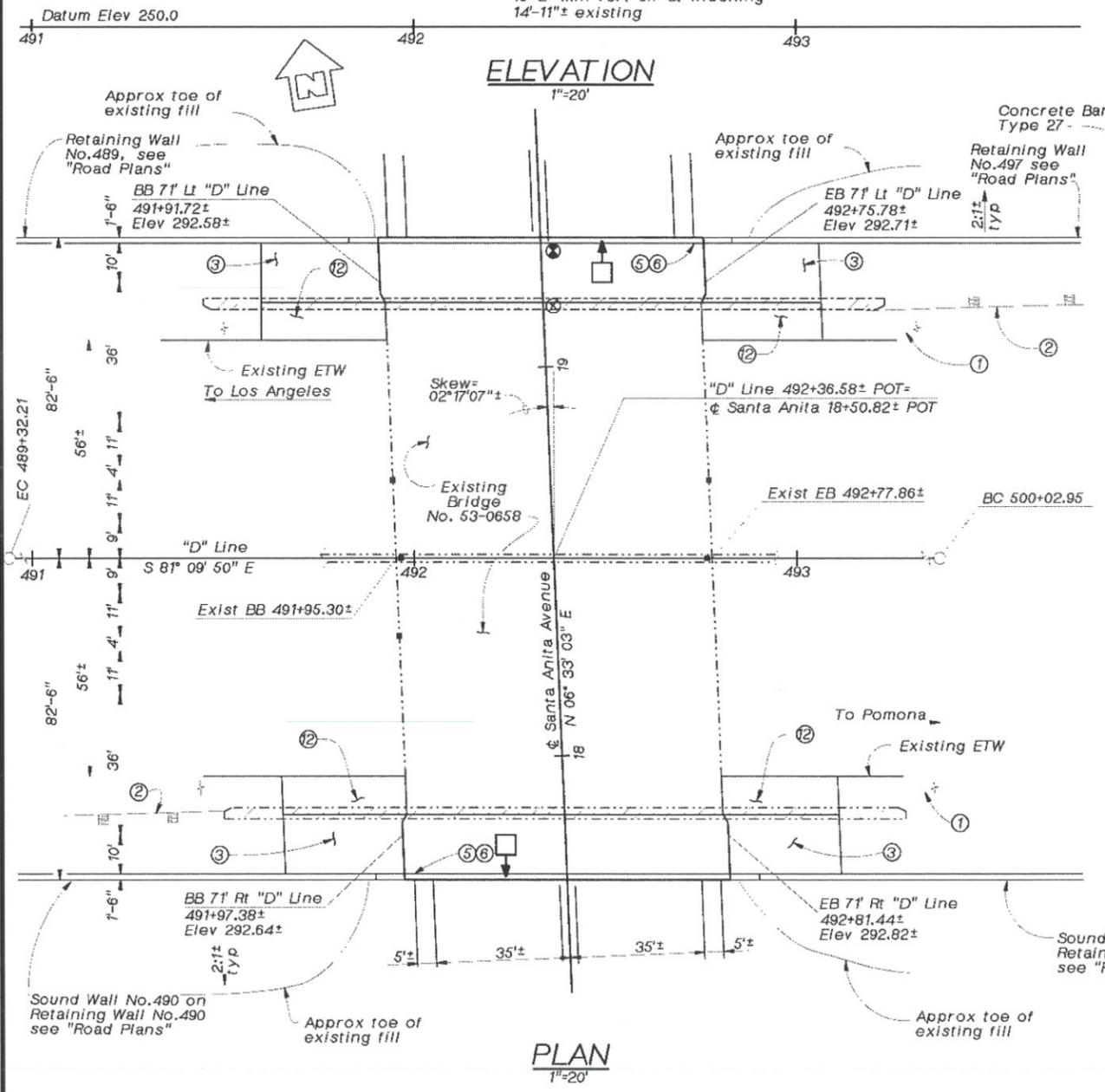
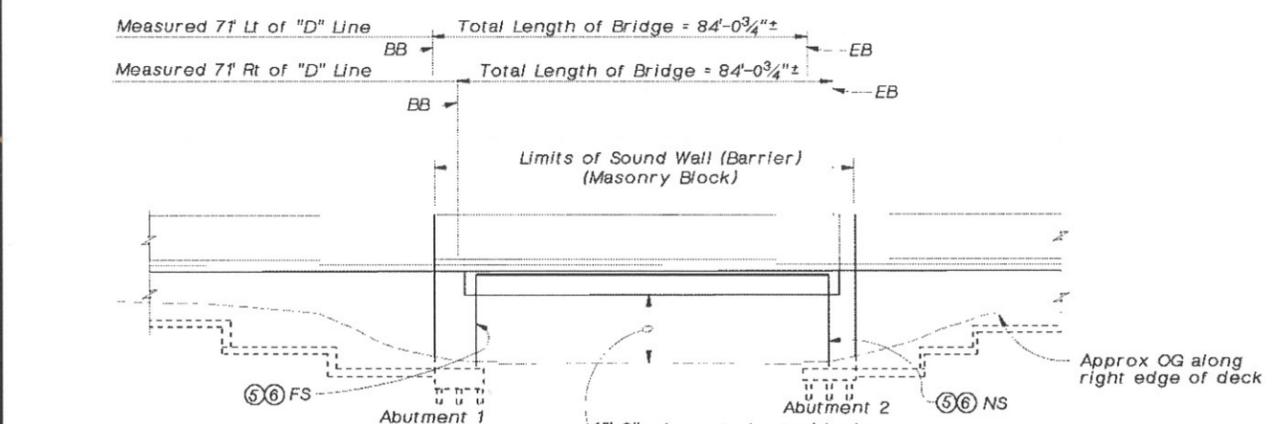
Douglas M. Fredericks
 REGISTERED CIVIL ENGINEER
 No. 50863
 EXP. 09/30/01
 CIVIL
 STATE OF CALIFORNIA

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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Location	Pile Type	Design Loading	Nominal Resistance		Design Tip Elevation	Specified Tip Elevation
			Compression	Tension		
Abut 1	16" CIDH	70 Tons	280 kips	0	227.0(1), 246.0(2)	227.0
Abut 2	16" CIDH	45 Tons	180 kips	0	232.0(1), 248.0(2)	232.0

Note: Design tip elevation is controlled by the following demands:
 (1) Compression and (2) Lateral Capacity

- Notes**
- ① Temporary Railing (Type K), see "Road Plans"
 - ② Remove Metal Beam Guard Railing, see "Road Plans"
 - ③ Structure Approach Type N(30D)
 - ④ Metal Bridge Railing
 - ⑤ Paint "Bridge No. 53-0658"
 - ⑥ Paint "Santa Anita Ave UC"
 - ⑦ Refinish bridge deck
 - ⑧ Closure Pour
 - ⑨ Exist 4" Dia Communication Conduit, see "Road Plans"
 - ⑩ 2- 4" Dia Communication Conduit, see "Road Plans"
 - ⑪ Undercrossing Lighting Conduit, see "Road Plans"
 - ⑫ Structure Approach Type R(30D), extend to edge of existing PCC paving

- Legend**
- Bridge Removal (Portion)
 - Existing Structure
 - Existing point of minimum vertical clearance
 - Point of minimum vertical clearance at widening
 - Luminaire, See "Road Plans"
- For General Notes, Index to Plans and Index to Standard Plans, see "Index to Plans" sheet

DESCRIPTION	UNIT	QUANTITY
BRIDGE REMOVAL (PORTION), LOCATION B	LUMP	SUM
STRUCTURE EXCAVATION (BRIDGE)	235	CY
STRUCTURE BACKFILL (BRIDGE)	326	CY
AGGREGATE BASE (APPROACH SLAB)	4	CY
16" CAST-IN-DRILLED-HOLE CONCRETE PILING	1,750	LF
STRUCTURAL CONCRETE, BRIDGE FOOTING	90	CY
STRUCTURAL CONCRETE, BRIDGE	188	CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	76	CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	44	CY
PAVING NOTCH EXTENSION	1	CY
DRILL AND BOND DOWEL	272	LF
FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (80'-90')	6	EA
ERECT PRECAST PRESTRESSED CONCRETE GIRDER	6	EA
REFINISH BRIDGE DECK	375	SQFT
SOUND WALL (BARRIER) (MASONRY BLOCK)	690	SQFT
JOINT SEAL (TYPE A)	107	LF
BAR REINFORCING STEEL (BRIDGE)	76,200	LB
ASPHALT MEMBRANE WATERPROOFING	136	SQFT
CONCRETE BARRIER (TYPE 27)	189	LF

NO AS BUILT CHANGES
 BY: *M. Brady*
 DATE: 8/1/04

DESIGN BY: D. FREDERICKS	CHECKED: M. BRADY	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD
DETAILS BY: K. JOHNSON	CHECKED: M. BRADY	LAYOUT BY: D. FREDERICKS	CHECKED: M. BRADY
QUANTITIES BY: E. MAEHLER	CHECKED: M. BRADY	SPECIFICATIONS BY: D. FREDERICKS	PLANS AND SPECS COMPARED: M. BRADY

PREPARED FOR THE
 STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

MARK S. BRADY
 PROJECT ENGINEER

CU 07279
 EA 1069U1

BRIDGE NO. 53-0658	POST MILE 28.67	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET 1 OF 19
SANTA ANITA AVE UC (WIDEN)		28-FEB-2001	
GENERAL PLAN			

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	853	1142

Lori Burne
REGISTERED CIVIL ENGINEER

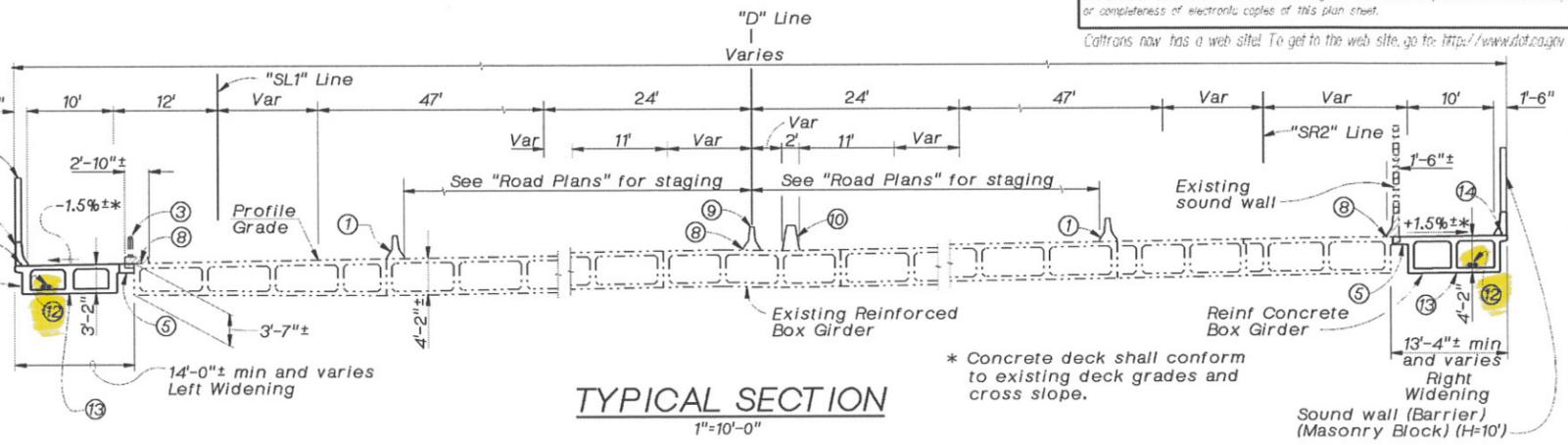
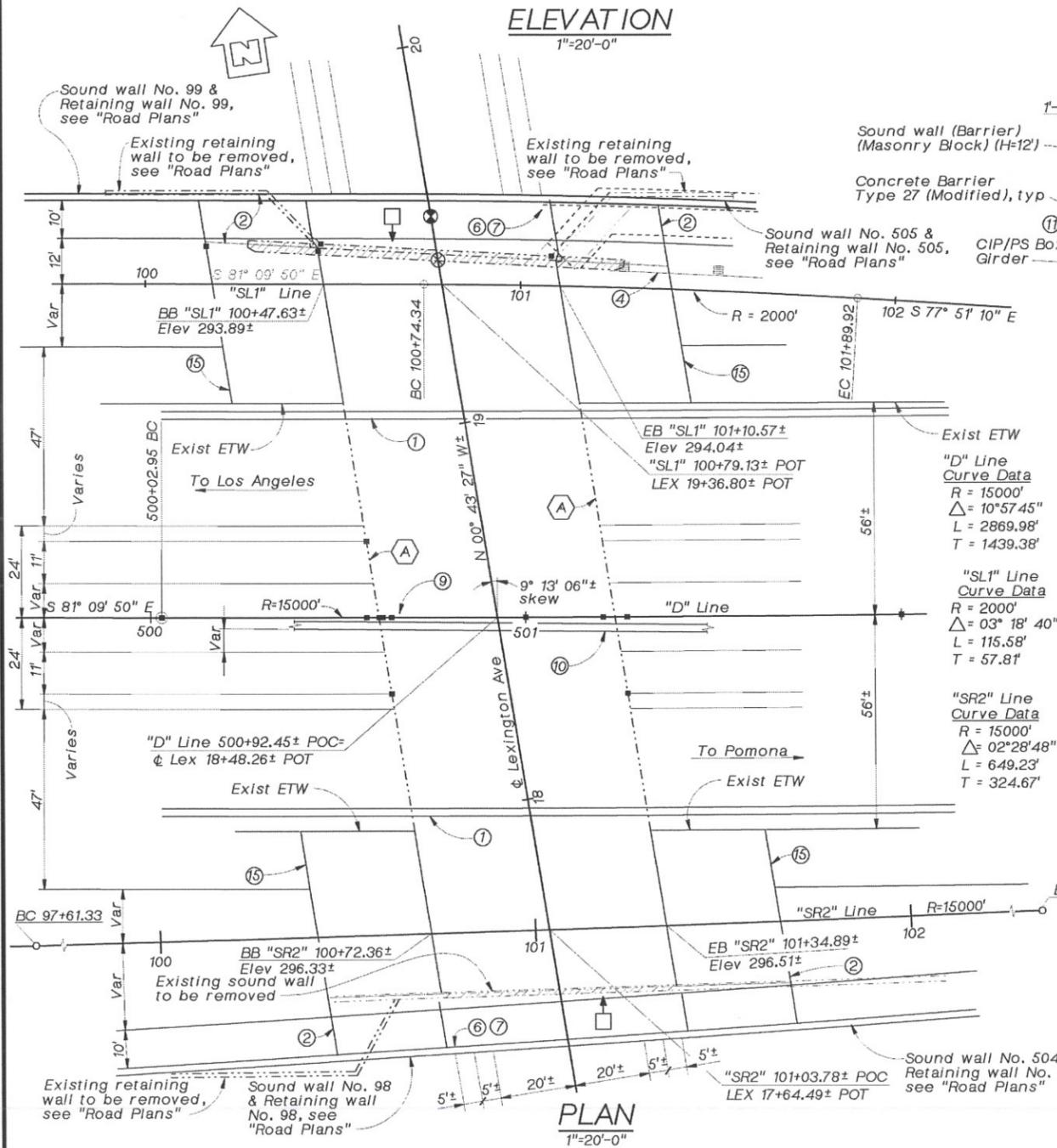
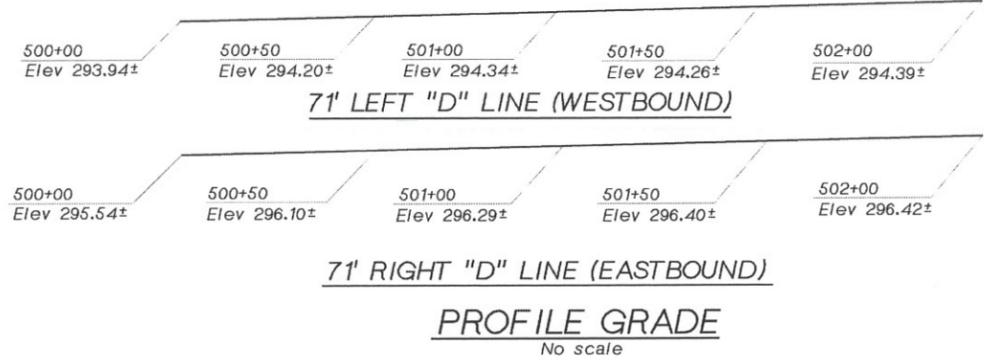
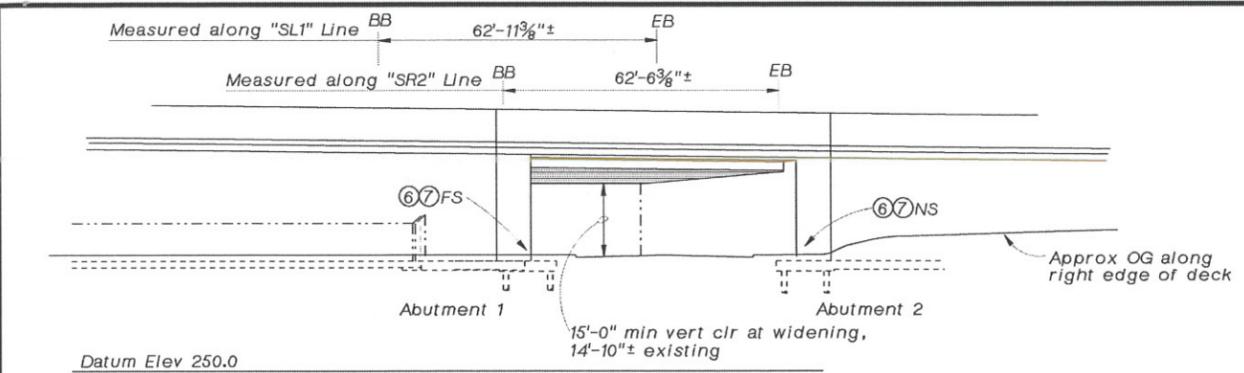
8-6-01
PLANS APPROVAL DATE

MTA
ONE GATEWAY PLAZA
LOS ANGELES, CALIFORNIA 90012

CH2M HILL
2485 NATOMAS PARK DR, SUITE 600
SACRAMENTO, CALIFORNIA 95833

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- NOTES**
- Temporary Railing (Type K), see "Road Plans"
 - Structure Approach Type N(30D)
 - Remove Metal Bridge Railing
 - Salvage Metal Beam Guard Railing, see "Road Plans"
 - Closure Pour
 - Paint "Bridge No. 53-0883"
 - Paint "Lexington Ave UC"
 - Refinish bridge deck
 - Remove existing Concrete Barrier Type 50A, see "Road Plans"
 - Concrete Barrier Type 60C, see "Road Plans"
 - 1/2" Lighting conduit, see "Road Plans"
 - 2-4" dia communication conduits at each exterior cell, see "Road Plans"
 - Soffit Luminaire, typ, see "Road Plans"
 - Ramp metering conduit, see "Road Plans"
 - Structure Approach Type R(30D), extend to edge of existing PCC pavement

- LEGEND**
- Bridge Removal (Portion)
 - Existing Structure
 - Denotes existing point of minimum vertical clearance
 - Denotes point of minimum vertical clearance at widening
 - Soffit Luminaire, see "Road Plans"
- Retrofit Legend**
- Core and bond dowels in existing diaphragm and abutments

PILE DATA TABLE

Location	Pile Type	Design Loading	Nominal Resistance		Design Tip Elevation	Specified Tip Elevation
			Compression	Tension		
Abutment 1L	16" Dia CIDH	35 tons	140 Kips	0	237 (1); 253 (3)	237
Abutment 2L	16" Dia CIDH	40 tons	160 Kips	0	237 (1); 253 (3)	237
Abutment 1R	16" Dia CIDH	40 tons	160 Kips	0	237 (1); 253 (3)	237
Abutment 2R	16" Dia CIDH	40 tons	150 Kips	0	237 (1); 253 (3)	237

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

For General Notes, see "Index to Plans"

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

DESIGN OVERSIGHT <i>DAVE PAJOUHESH</i> 2/1/01 SIGNOFF DATE	DESIGN BY L. BURNE CHECKED M. BRADY	LOAD FACTOR DESIGN BY K. JOHNSON CHECKED M. BRADY	LIVE LOADING* HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD CHECKED M. BRADY
DETAILS BY K. JOHNSON CHECKED M. BRADY	LAYOUT BY K. CORDTZ CHECKED M. BRADY	SPECIFICATIONS BY D. FREDERICKS CHECKED M. BRADY	PLANS AND SPECS COMPARED M. BRADY
QUANTITIES BY M. BRADY CHECKED L. BURNE			

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

MARK S. BRADY
PROJECT ENGINEER

BRIDGE NO. 53-0883
POST MILE 28.84

CU 07279
EA 1069U1

LEXINGTON AVENUE UC (WIDEN)

GENERAL PLAN

REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET	OF
28-FEB-2001		1	20

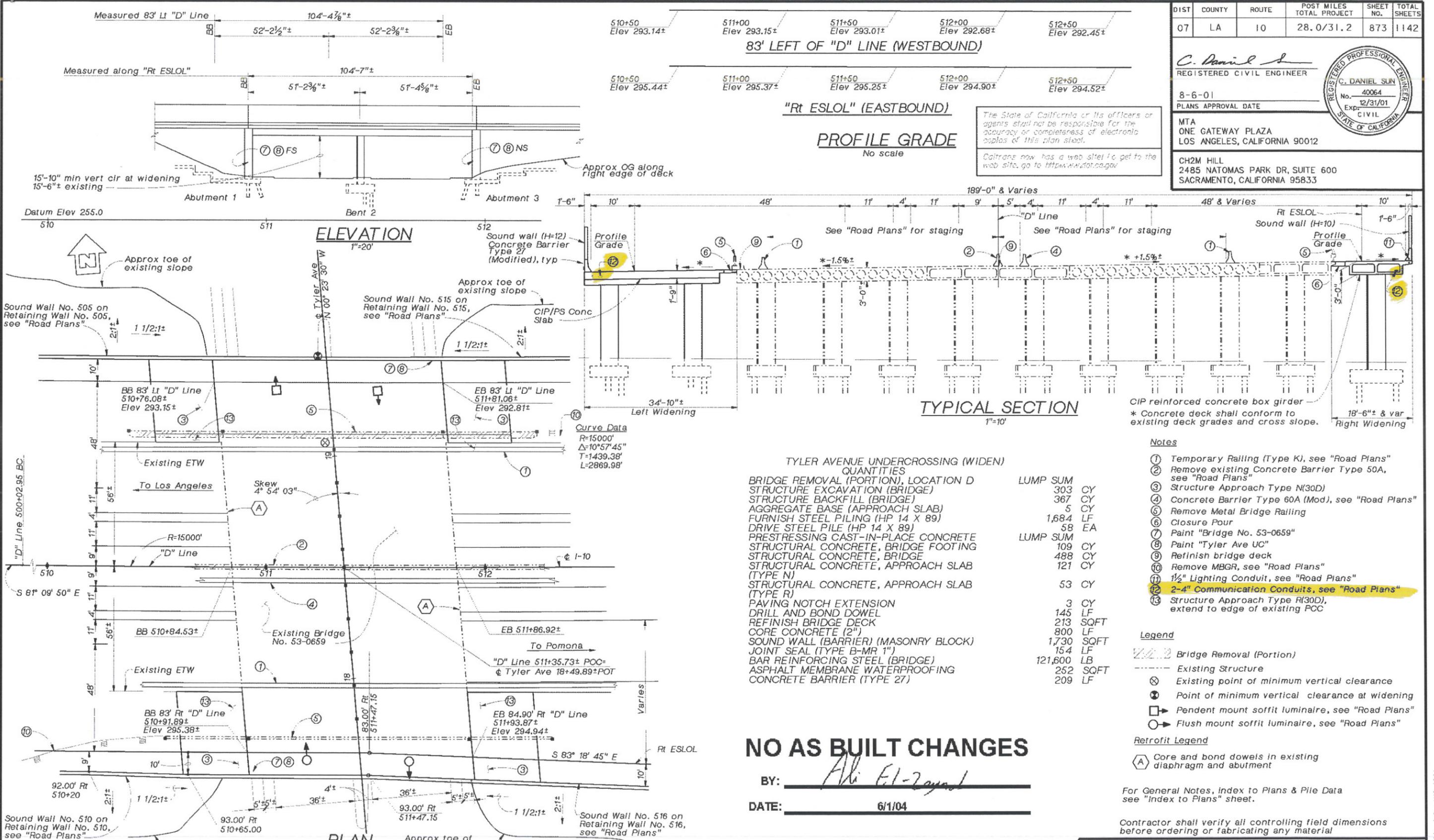
DISREGARD PRINTS BEARING EARLIER REVISION DATES



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	873	1142

C. Daniel Sun
REGISTERED CIVIL ENGINEER
No. 40064
Exp. 12/31/01
CIVIL
STATE OF CALIFORNIA

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



NO AS BUILT CHANGES
BY: *Ali El-Tayeb*
DATE: 6/1/04

- Notes**
- Temporary Railing (Type K), see "Road Plans"
 - Remove existing Concrete Barrier Type 50A, see "Road Plans"
 - Structure Approach Type N(30D)
 - Concrete Barrier Type 60A (Mod), see "Road Plans"
 - Remove Metal Bridge Railing
 - Closure Pour
 - Paint "Bridge No. 53-0659"
 - Paint "Tyler Ave UC"
 - Refinish bridge deck
 - Remove MBGR, see "Road Plans"
 - 1/2" Lighting Conduit, see "Road Plans"
 - 2-4" Communication Conduits, see "Road Plans"
 - Structure Approach Type R(30D), extend to edge of existing PCC
- Legend**
- Bridge Removal (Portion)
 - Existing Structure
 - Existing point of minimum vertical clearance
 - Point of minimum vertical clearance at widening
 - Pendent mount soffit luminaire, see "Road Plans"
 - Flush mount soffit luminaire, see "Road Plans"
- Retrofit Legend**
- Core and bond dowels in existing diaphragm and abutment
- For General Notes, Index to Plans & Pile Data see "Index to Plans" sheet.
Contractor shall verify all controlling field dimensions before ordering or fabricating any material

DESIGN BY: D. SUN	CHECKED BY: M. GRIGGS	LOAD FACTOR DESIGN BY: M. GRIGGS	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.: 53-0659
DETAILS BY: K. JOHNSON	CHECKED BY: M. GRIGGS	LAYOUT BY: J. CASEY	CHECKED BY: M. GRIGGS	MARK S. BRADY PROJECT ENGINEER	POST MILE: 29.03
QUANTITIES BY: M. BRADY	CHECKED BY: L. BURNE	SPECIFICATIONS BY: D. FREDERICKS	PLANS AND SPECS COMPARED BY: M. BRADY	CU 07279 EA 1069U1	DISREGARD PRINTS BEARING EARLIER REVISION DATES

SEISMIC RETROFIT	
TYLER AVENUE UC (WIDEN)	
GENERAL PLAN	
REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
28-FEB-2001	1 22

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	903	1142

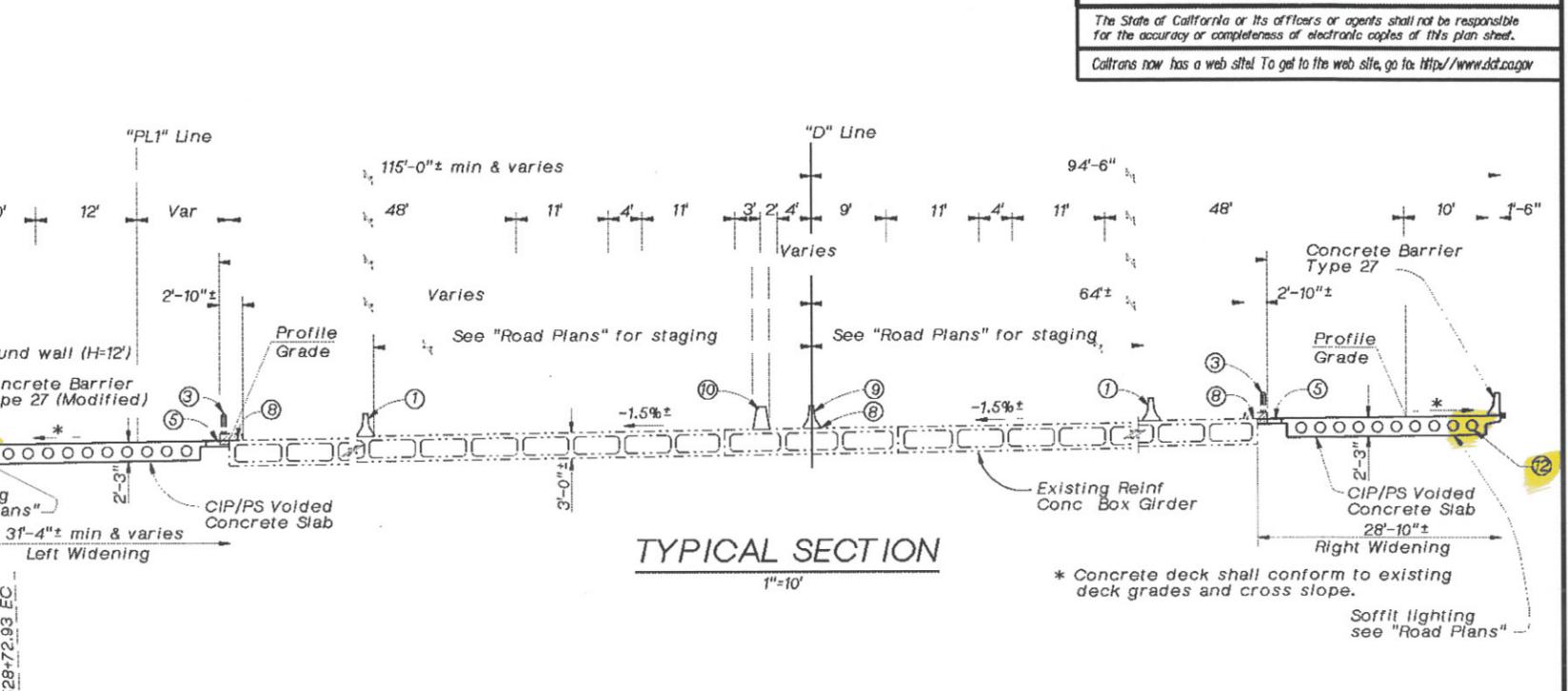
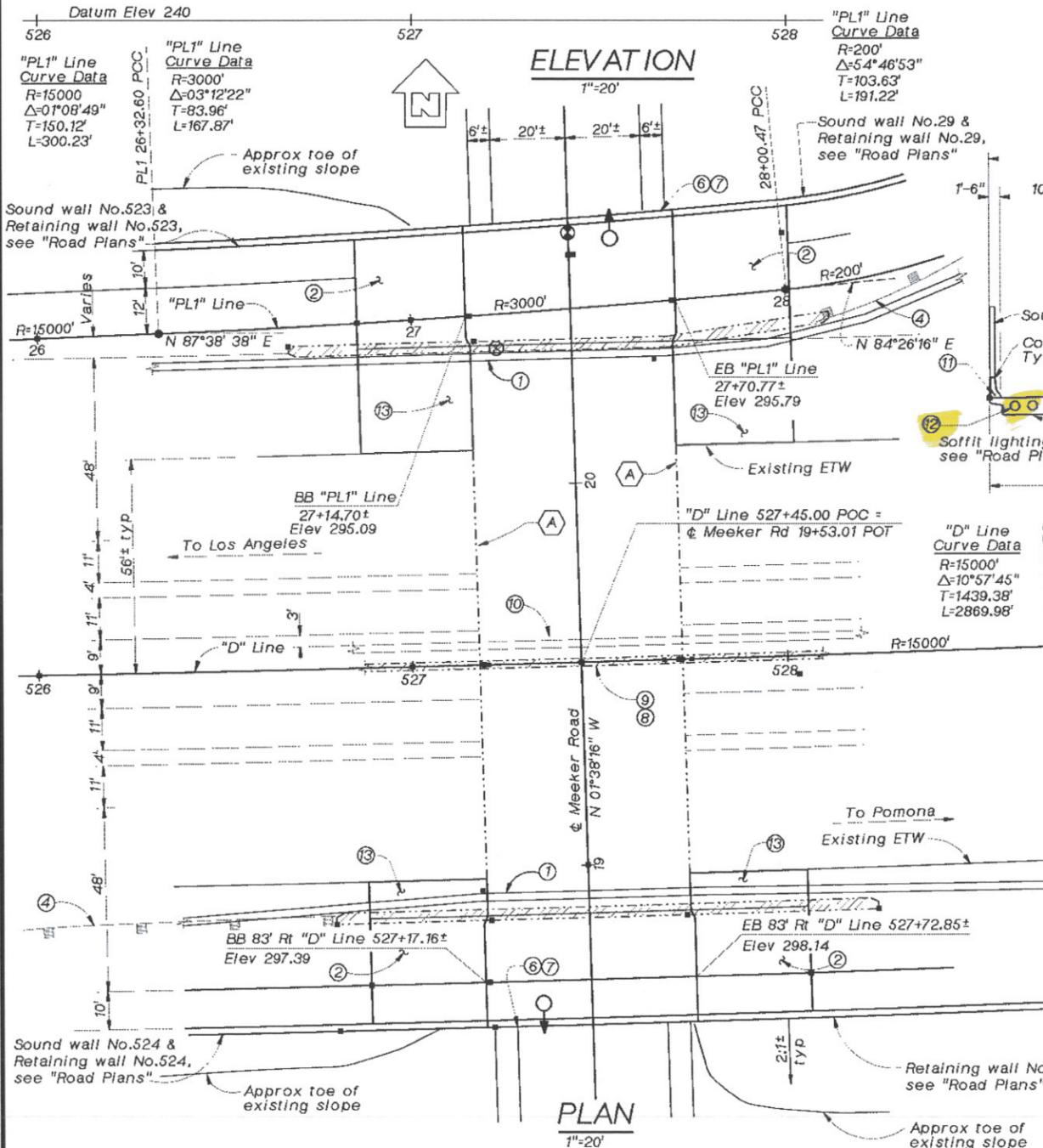
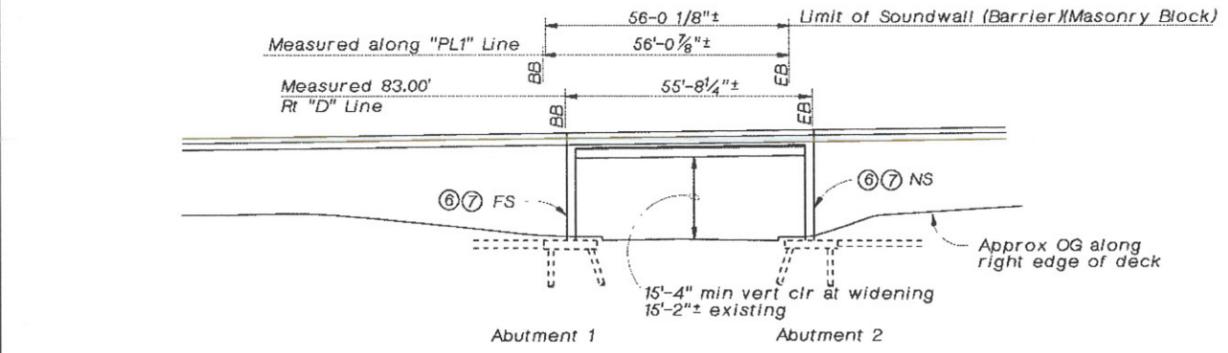
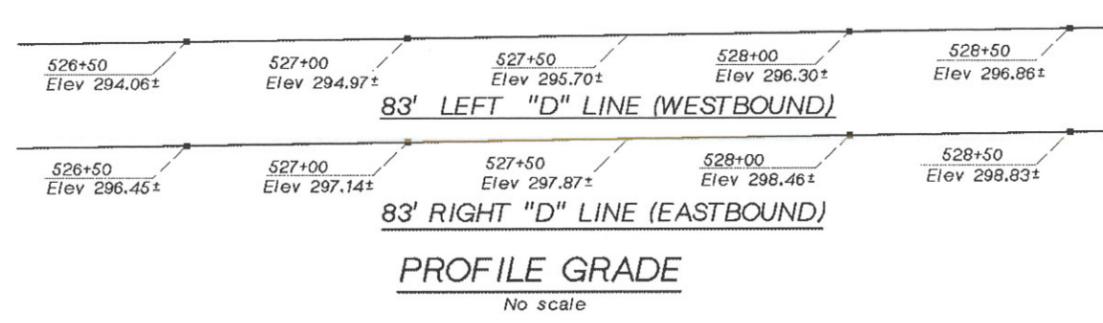
Lori Burne
REGISTERED CIVIL ENGINEER
No. 58412
Exp. 12/31/02
CIVIL

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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- NOTES**
- Temporary Railing (Type K), see "Road Plans"
 - Structure Approach Type N(30D)
 - Metal Bridge Railing
 - Remove Metal Beam Guard Railing, see "Road Plans"
 - Closure Pour
 - Paint "Bridge No. 53-1029"
 - Paint "Meeker Road UC"
 - Refinish bridge deck
 - Remove existing Concrete Barrier Type 50, see "Road Plans"
 - Concrete Barrier (Type 60A Modified) see "Road Plans"
 - 1 1/2" Lighting Conduit, see "Road Plans"
 - 2-4" Communication Conduits, see "Road Plans"
 - Structure Approach Type R(30D), extend to edge of existing PCC

PILE DATA TABLE

Location	Pile Type	Design Loading	Nominal Resistance		Design Tip Elevation	Specified Tip Elevation
			Compression	Tension		
Abutment 1	HP 14x89	45 Tons	180 Kips	0	243(1); 255(2)	243
Abutment 2	HP 14x89	45 Tons	180 Kips	0	243(1); 255(2)	243

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

NO AS BUILT CHANGES

BY: Ali El-Zayed

DATE: 6/1/04

- RETROFIT LEGEND**
- Core and bond in existing diaphragm and abutments.
- Legend**
- Bridge Removal (Portion)
 - Existing Structure
 - Existing point of minimum vertical clearance
 - Point of minimum vertical clearance at widening
 - Flush mount soffit luminaire, see "Road Plans"
- For General Notes, see "Index to Plans"
For traffic staging, see "Road Plans"

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

DESIGN BY: L. BURNE	CHECKED BY: M. BRADY	LOAD FACTOR DESIGN BY: K. JOHNSON	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO. 53-1029	MEEKER ROAD UC (WIDEN)
DETAILS BY: K. JOHNSON	CHECKED BY: M. BRADY	LAYOUT BY: K. CORDTZ	PLANS AND SPECS COMPARED BY: M. BRADY	MARK S. BRADY PROJECT ENGINEER	POST MILE 29.34	
QUANTITIES BY: M. BRADY	CHECKED BY: L. BURNE	SPECIFICATIONS BY: D. FREDERICKS		CU 07279 EA 1069U1	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)
ME_GP.DLV	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3				28-FEB-2001

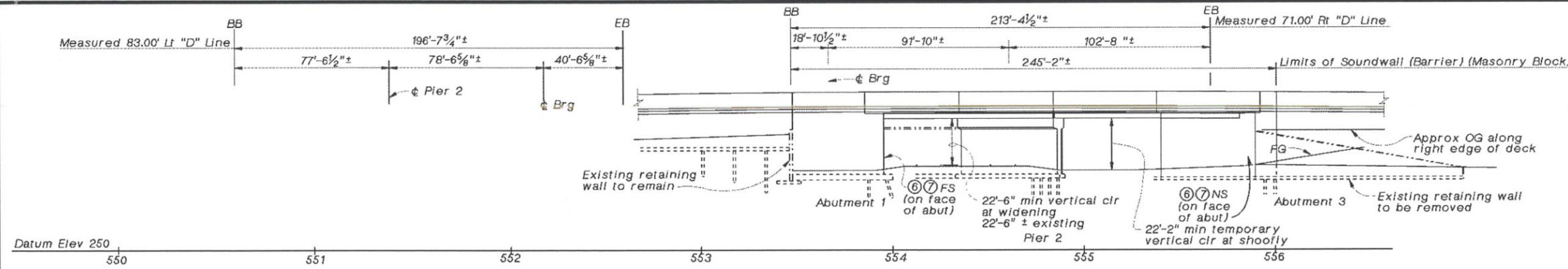
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	977	1142

C. Daniel Sun
 REGISTERED CIVIL ENGINEER
 No. 40064
 EXP. 12/31/01
 CIVIL
 STATE OF CALIFORNIA

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



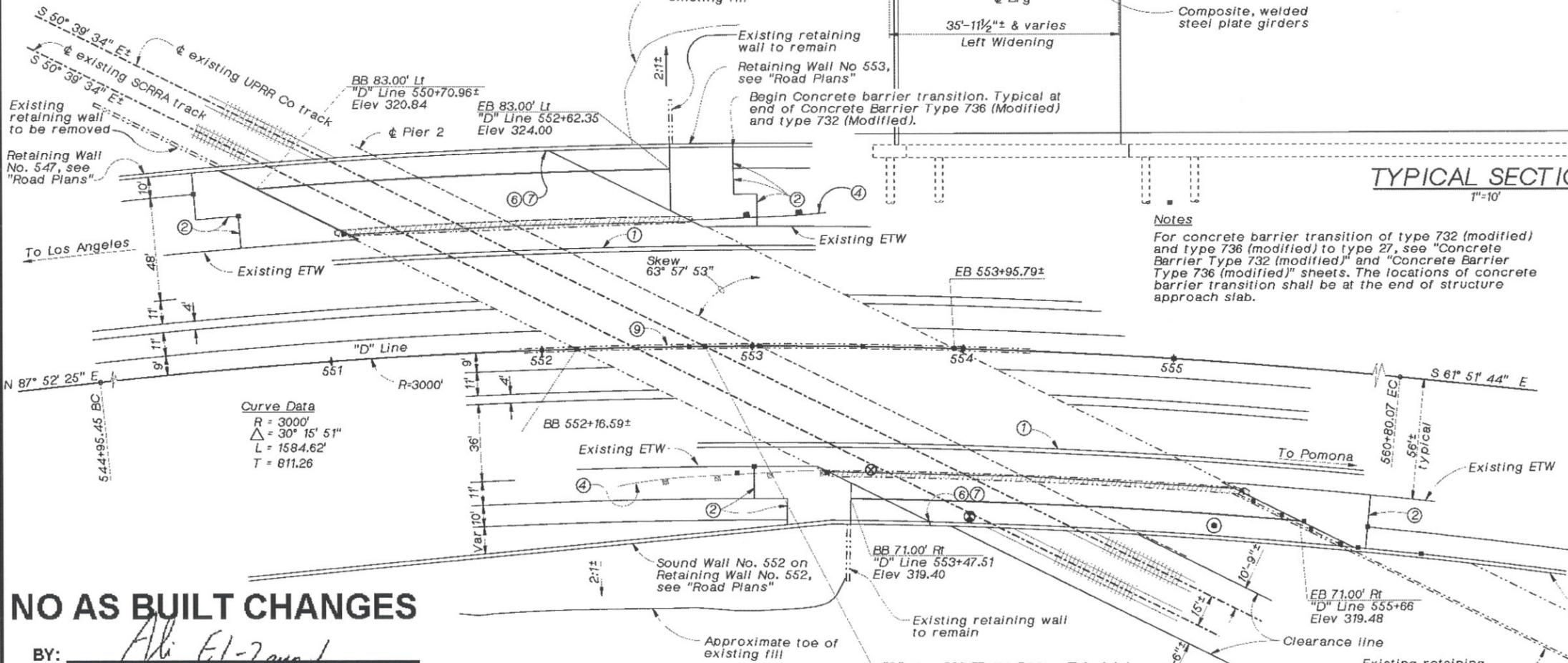
Pile Data - 14" Class 45 Concrete Pile - Alternative "X"

Location	Type	Design Loading (Service Load)	Nominal Resistance		Design Tip Elevation	Specified Tip Elevation
			Compression	Tension		
Abut 1 Right	Class 45	45 Tons	180	0	260 (1); 265(3)	260
Abut 3 Left	Class 45	45 Tons	180	0	260 (1); 265(3)	260

Pile Data - Steel Pile

Location	Type	Design Loading (Service Load)	Nominal Resistance		Design Tip Elevation	Specified Tip Elevation
			Compression	Tension		
Abut 1 Left	HP10x42	45 Tons	180	0	255(1); 265(3)	255
Pier 2 LT & RT	HP14x89	70 Tons	280	140	248(1); 255(2); 267(3)	248
Abut 3 Right	HP10x42	45 Tons	180	0	255(1); 265(3)	255

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



- Notes**
- For concrete barrier transition of type 732 (modified) and type 736 (modified) to type 27, see "Concrete Barrier Type 732 (modified)" and "Concrete Barrier Type 736 (modified)" sheets. The locations of concrete barrier transition shall be at the end of structure approach slab.
- ① Temporary Railing (Type K), see "Road Plans"
 - ② Structure Approach Type N(30S), extend to edge of existing PCC paving
 - ③ Remove Metal Bridge Railing
 - ④ Remove Metal Beam Guard Railing, see "Road Plans"
 - ⑤ Closure Pour: 5'-2 1/2" min & varies Left Widening 5'-5" min & varies Right Widening
 - ⑥ Paint "Bridge No. 53-0867"
 - ⑦ Paint "East El Monte OH"
 - ⑧ Refinish bridge deck
 - ⑨ Existing Concrete Barrier Type 50A
 - ⑩ 2-4" Communication Conduit, see "Road Plans"

- LEGEND**
- Bridge Removal (Portion)
 - Existing Structure
 - Point of minimum temporary vertical clearance at shoofly
 - Existing point of minimum vertical clearance
 - Point of minimum vertical clearance at widening
- For General Notes, Profile Grade, quantities, and index to Plans, see "Index to Plans" sheet.
- For additional traffic staging, see "Road Plans"
- Contractor shall verify all controlling field dimensions before ordering or fabricating any material

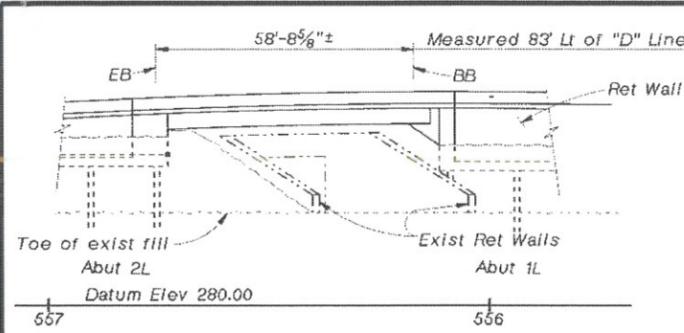
NO AS BUILT CHANGES

BY: Ali El-Zayad

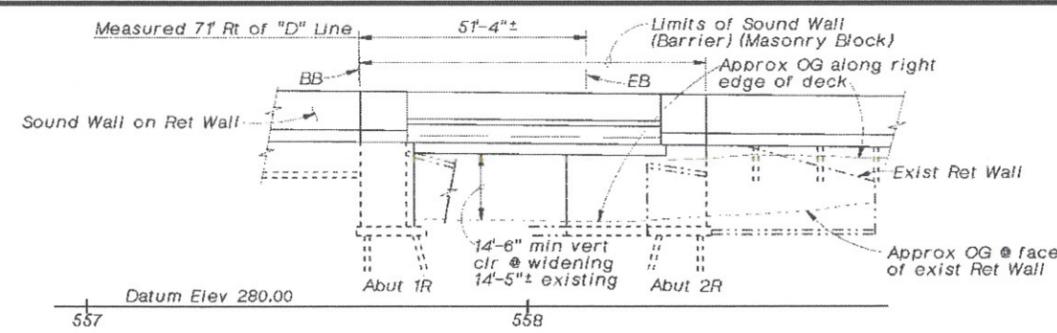
DATE: 6/1/04

DESIGN BY: D. SUN	CHECKED: M. BRADY	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	MARK S. BRADY PROJECT ENGINEER	BRIDGE NO. 53-0867
DETAILS BY: K. JOHNSON	CHECKED: M. BRADY	LAYOUT	D. SUN			POST MILE 29.81
QUANTITIES BY: M. STABBERT	CHECKED: M. BRADY	SPECIFICATIONS	D. DEWEEBROCKS			

SEISMIC RETROFIT	
EAST EL MONTE OH (WIDEN)	
GENERAL PLAN	
REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
28-FEB-2001	1 34



ELEVATION - LEFT WIDENING
1"=20'-0"



ELEVATION - RIGHT WIDENING
1"=20'-0"

- Notes:
- 1 Temporary Railing (Type KJ, see "Road Plans")
 - 2 Paint "Bridge No. 53-1030"
 - 3 Paint "Stewart Street OR UC"
 - 4 Concrete Barrier Type 27
 - 5 Remove MBGR see "Road Plans"
 - 6 Structure Approach Type N(30D)
 - 7 Edge Beam
 - 8 Sound Wall on edge beam (H=11'-4")
 - 9 Structural concrete, Transition Slab
 - 10 Retaining Wall Type 1A
 - 11 2-4" dia Communication Conduits, see "Road Plans"

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	1011	1142

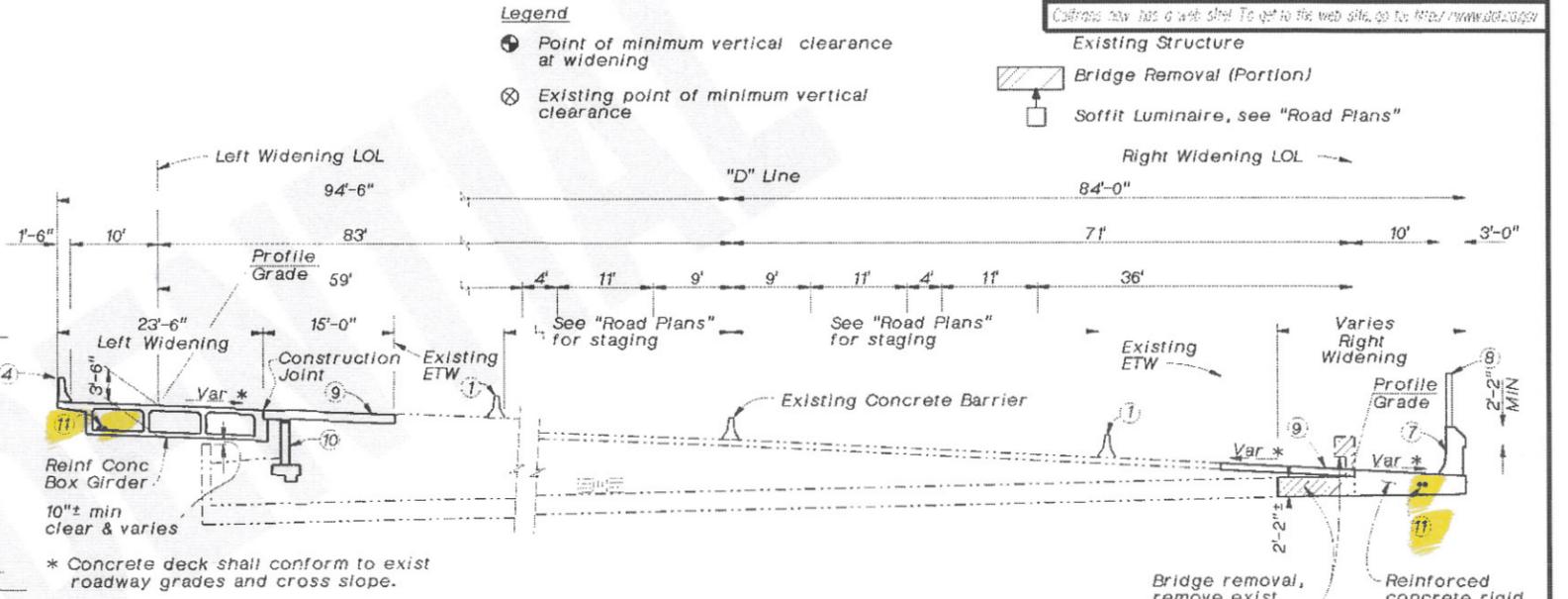
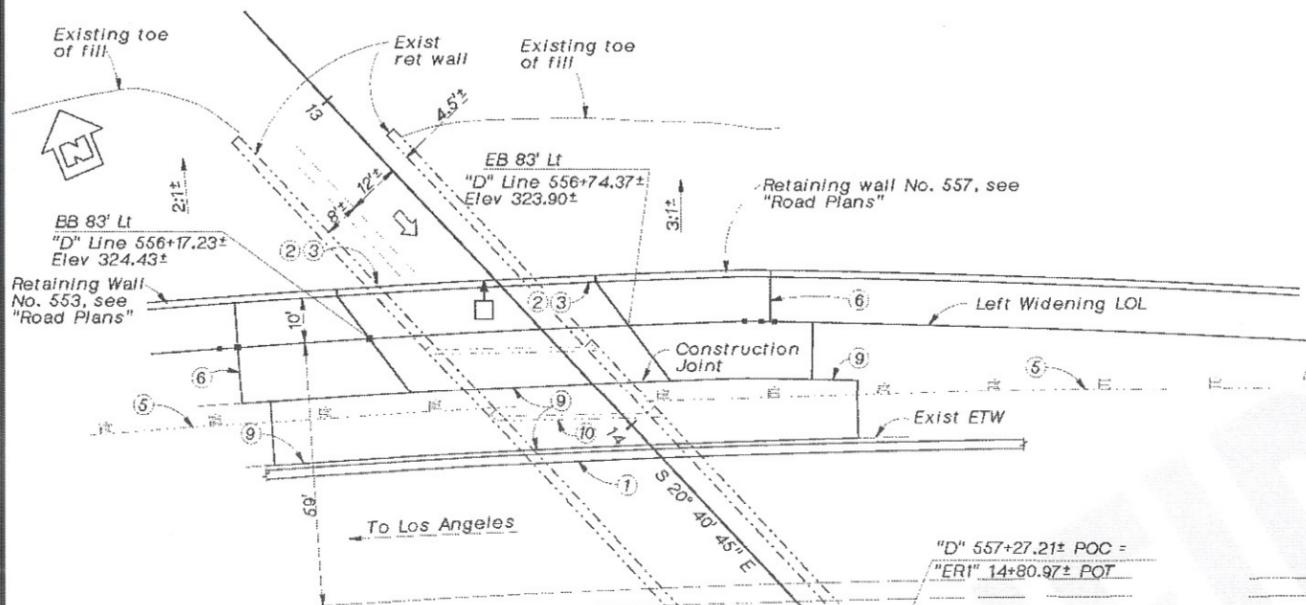
REGISTERED CIVIL ENGINEER
JEFFREY S. ALDRICH
No. 34271
Exp. 9/30/03
STATE OF CALIFORNIA

8-6-01
PLANS APPROVAL DATE

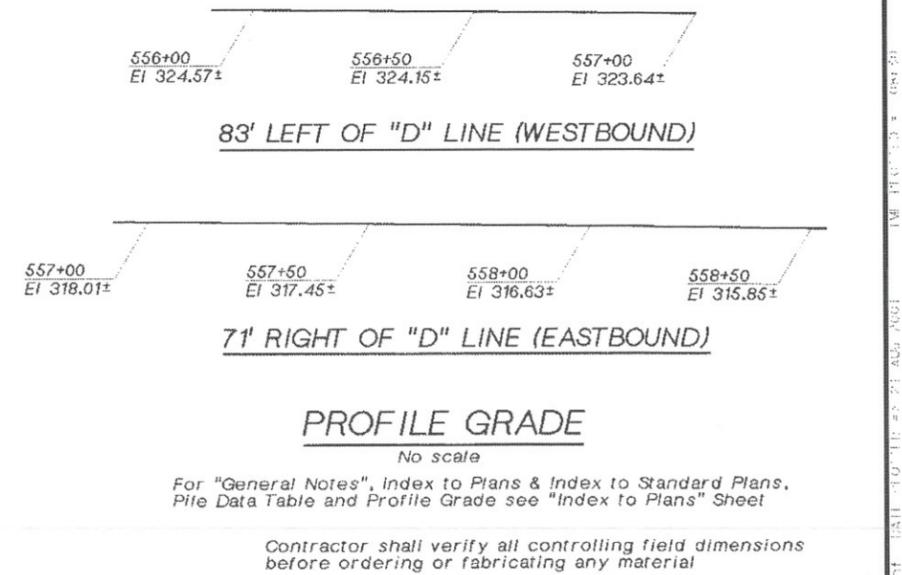
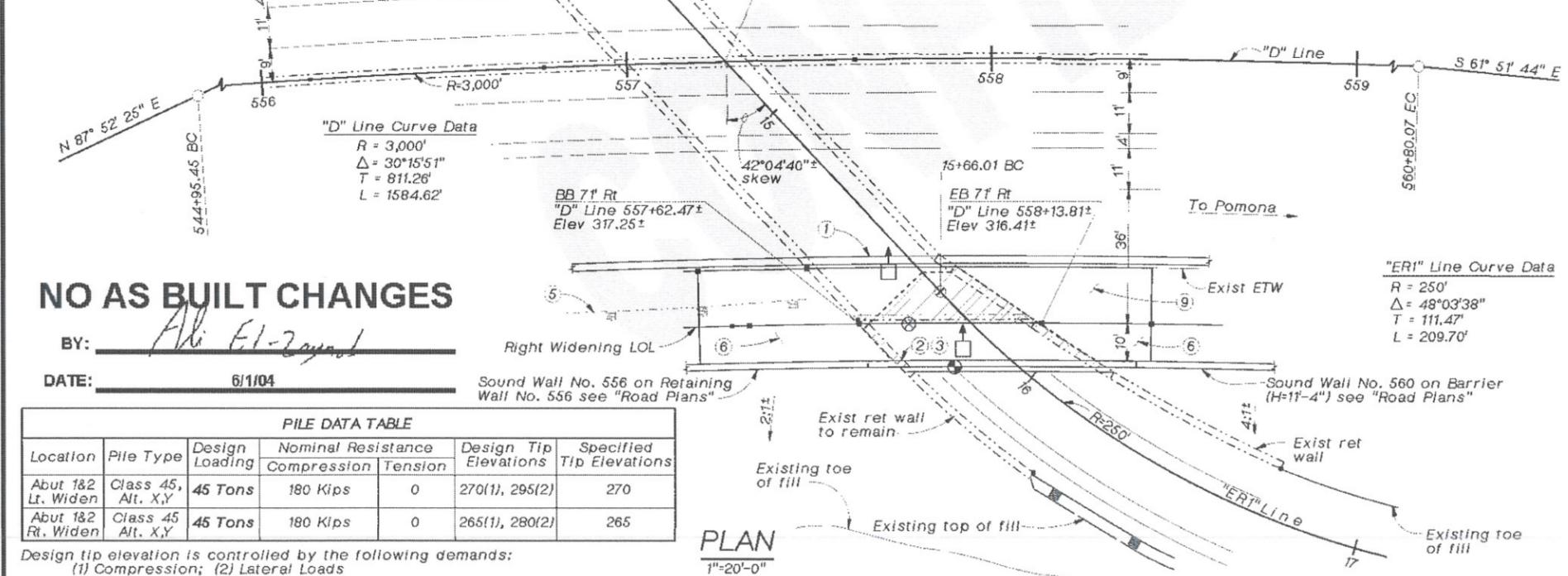
MTA
ONE GATEWAY PLAZA
LOS ANGELES, CALIFORNIA 90012

CH2M HILL
2485 NATOMAS PARK DR, SUITE 600
SACRAMENTO, CALIFORNIA 95833

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TYPICAL SECTION
1"=10'-0"



PROFILE GRADE
No scale

NO AS BUILT CHANGES
BY: Ali El-Zayyat
DATE: 6/1/04

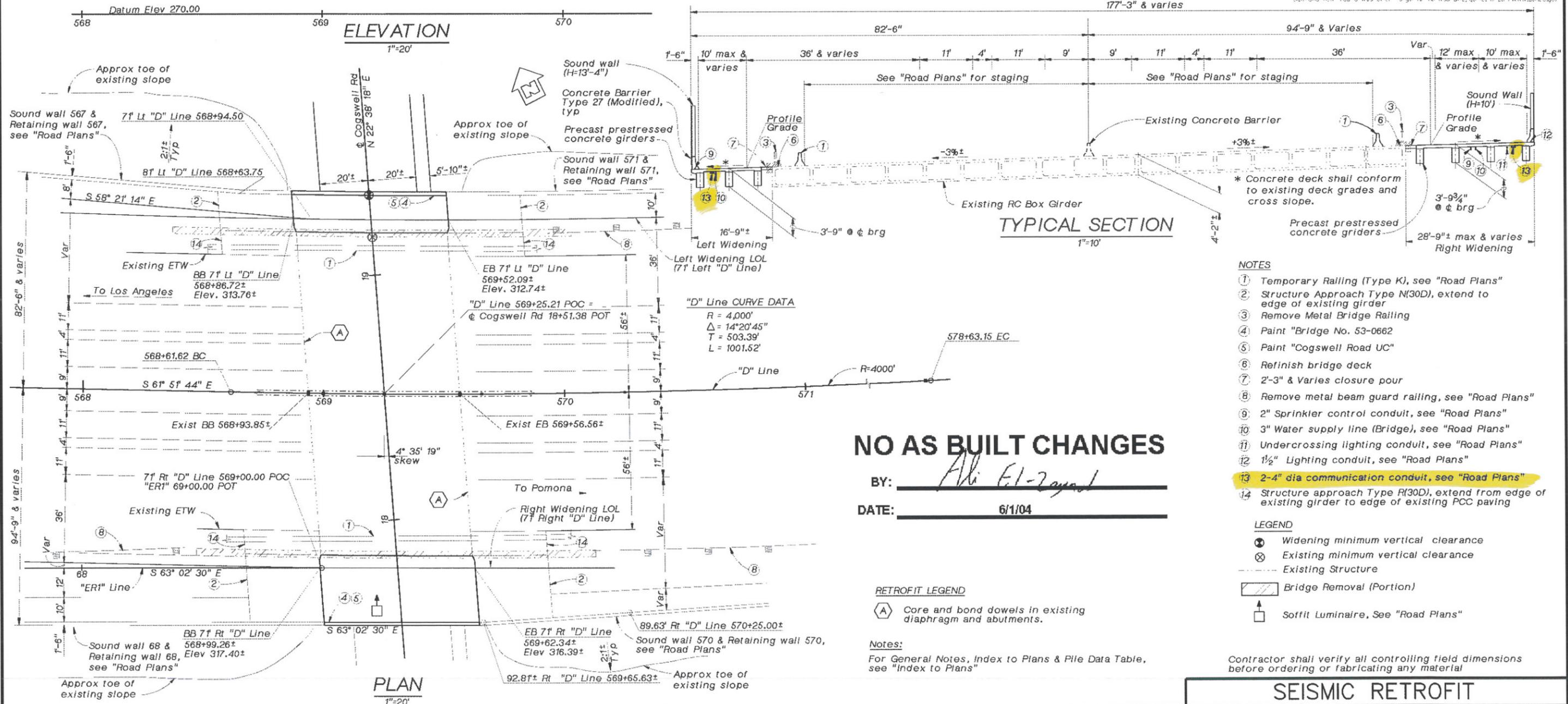
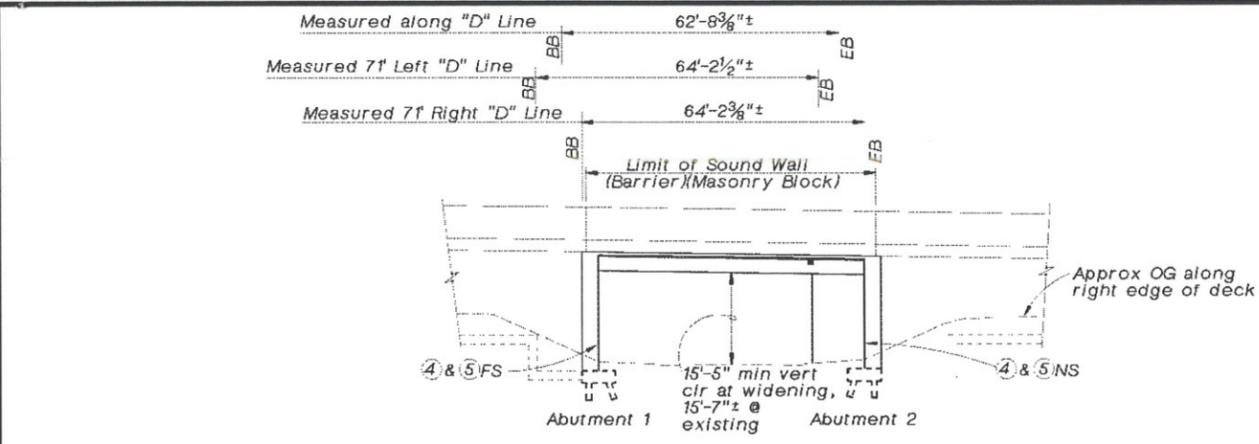
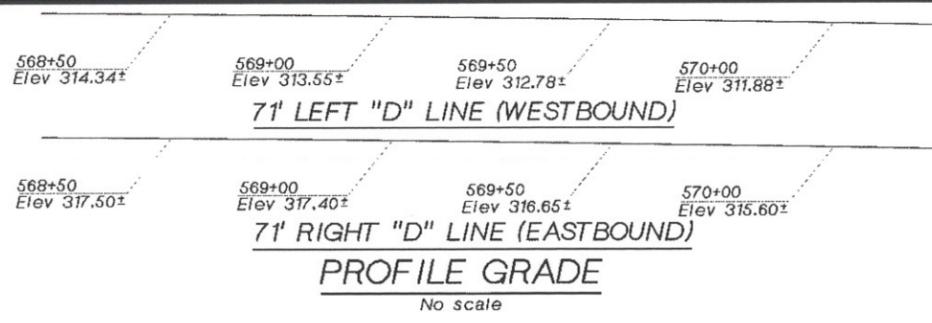
Location	Pile Type	Design Loading	Nominal Resistance		Design Tip Elevations	Specified Tip Elevations
			Compression	Tension		
Abut 1&2 Lt. Widen	Class 45, Alt. X,Y	45 Tons	180 Kips	0	270(1), 295(2)	270
Abut 1&2 Rt. Widen	Class 45, Alt. X,Y	45 Tons	180 Kips	0	265(1), 280(2)	265

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

DESIGN BY: HANS STRANDGAARD CHECKED: C.D. SUN	LOAD FACTOR DESIGN: LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD CHECKED: C.D. SUN/M. KANAAN	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO. 53-1030	STEWART STREET ON RAMP UC (WIDEN)
DETAILS BY: G. BAZAN/J. ALDRICH CHECKED: C.D. SUN/M. KANAAN	LAYOUT BY: HANS STRANDGAARD CHECKED: C.D. SUN	MARK S. BRADY PROJECT ENGINEER	POST MILE 29.90	
QUANTITIES BY: E. MAECHLER CHECKED: A. KAYDEN	SPECIFICATIONS BY: D. FREDERICKS CHECKED: M. BRADY	CU 07279 EA 1069U1	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			28-FEB-2001	SHEET 1 OF 20

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	1031	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	



DESIGN OVERSIGHT 2/1/01 SIGNOFF DATE COG_GP.DLV	DESIGN	BY DEAN WANZEK/ JEFF ALDRICH	CHECKED MAJDI KANAAN	LOAD FACTOR DESIGN	LIVE LOADING*	HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	MARK S. BRADY PROJECT ENGINEER	BRIDGE NO. 53-0662	SEISMIC RETROFIT COGSWELL ROAD UC (WIDEN) GENERAL PLAN
	DETAILS	BY GEORGE BAZAN	CHECKED MAJDI KANAAN	LAYOUT	BY STEVE THOMAN	CHECKED DOUG FREDERICKS		PLANS AND SPECS COMPARED M. BRADY	PROJECT ENGINEER	
QUANTITIES	BY ED MAEHLER	CHECKED ANTHONY KAYDEN	SPECIFICATIONS	BY D. FREDERICKS				CU 07279 EA 1069U1	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET 1 OF 17

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	1048	1142

Matthew N. Griggs
REGISTERED CIVIL ENGINEER

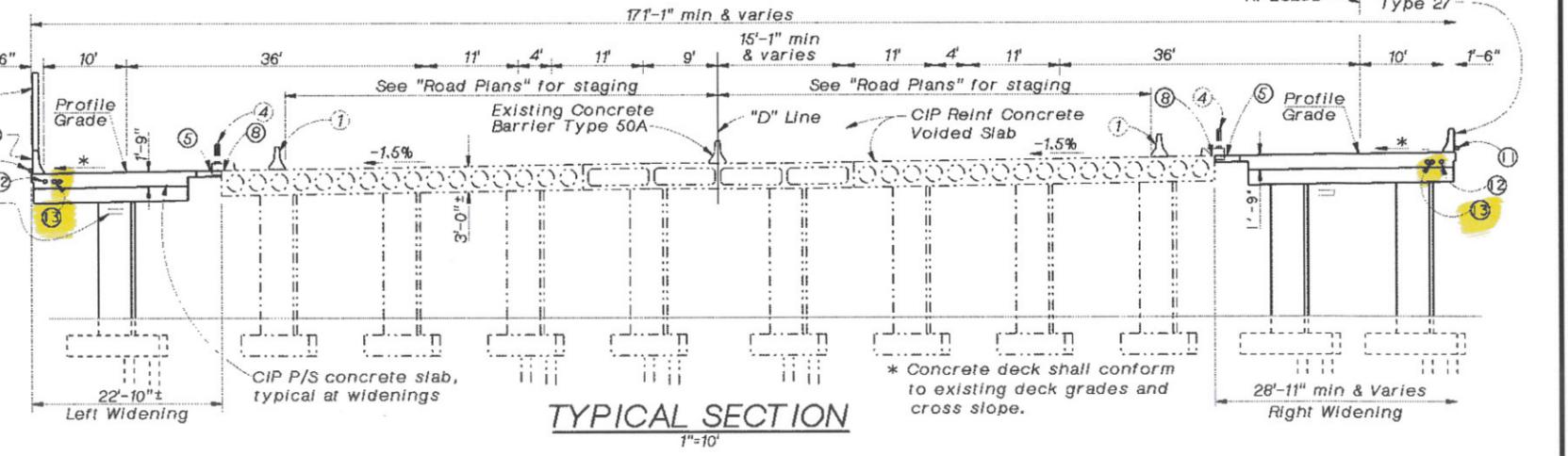
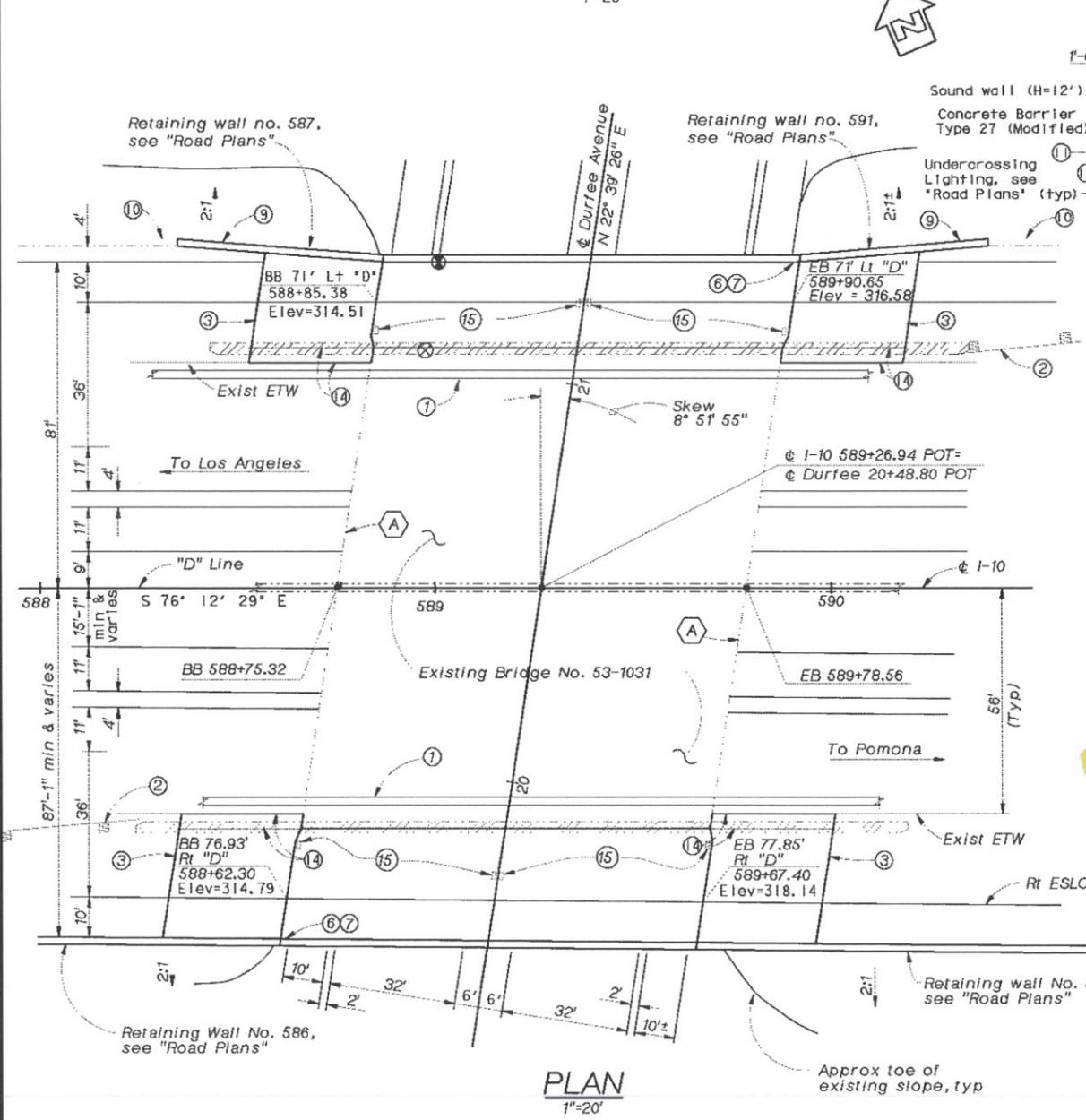
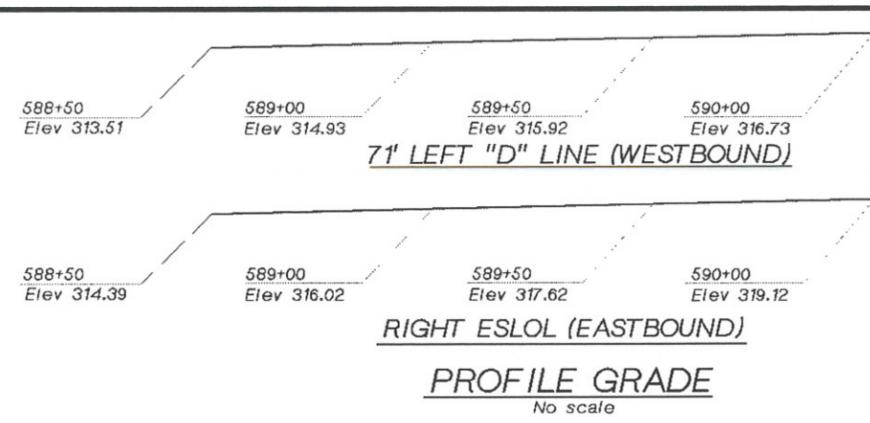
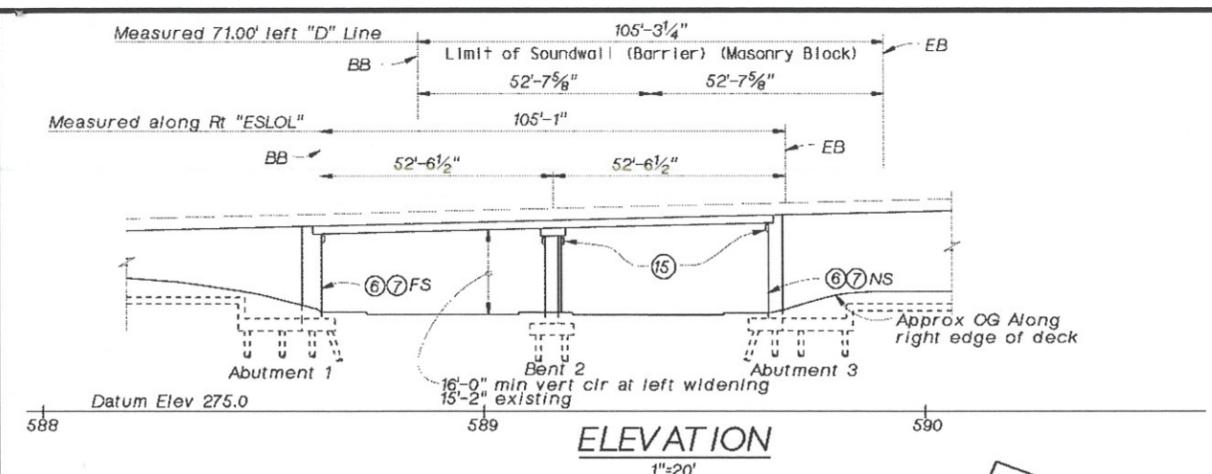
8-6-01
PLANS APPROVAL DATE

MTA
ONE GATEWAY PLAZA
LOS ANGELES, CALIFORNIA 90012

CH2M HILL
2485 NATOMAS PARK DR, SUITE 600
SACRAMENTO, CALIFORNIA 95833

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California law has a web site. To get to the web site, go to <http://www.dgs.ca.gov>



- Notes**
- Temporary Railing (Type K), see "Road Plans"
 - Remove MBGR, see "Road Plans"
 - Structure Approach Type N(30D)
 - Remove Metal Bridge Railing
 - 3'-0" Closure pour
 - Paint "Bridge No. 53-1031"
 - Paint "Durfee Road UC"
 - Refinish bridge deck
 - Sound wall on retaining wall, see "Road Plans"
 - Existing sound wall on retaining wall
 - 3" Water Supply Line (Bridge), see "Road Plans"
 - 2" Sprinkler Control Conduit, see "Road Plans"
 - 2-4" Communication conduits, see "Road Plans"
 - Structure Approach Type R(30D), extend to edge of existing PCC pavement
 - Undercrossing Lighting, see "Road Plans"
- For General Notes and Index to Plans, see "Index to Plans" sheet.

- Legend**
- Bridge Removal (Portion)
 - Existing Structure
 - Existing point of minimum vertical clearance
 - Point of minimum vertical clearance at widening
 - Soffit Luminaires
- Retrofit Legend**
- Core and bond dowels in existing diaphragm and abutments

DURFEE ROAD UNDERCROSSING (WIDEN) QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION L	LUMP SUM
STRUCTURE EXCAVATION (BRIDGE)	300 CY
STRUCTURE BACKFILL (BRIDGE)	361 CY
AGGREGATE BASE (APPROACH SLAB)	2 CY
FURNISH STEEL PILING (HP 14 X 89)	2,110 LF
DRIVE STEEL PILE (HP 14 X 89)	55 EA
PRESTRESSING CAST-IN-PLACE CONCRETE	LUMP SUM
STRUCTURAL CONCRETE, BRIDGE FOOTING	109 CY
STRUCTURAL CONCRETE, BRIDGE	479 CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	116 CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	17 CY
PAVING NOTCH EXTENSION	1 CY
DRILL AND BOND DOWEL	236 LF
REFINISH BRIDGE DECK	465 SQFT
CORE CONCRETE (2")	830 LF
SOUND WALL (BARRIER) (MASONRY BLOCK)	1,015 SQFT
JOINT SEAL (TYPE B-MR 1")	108 LF
BAR REINFORCING STEEL (BRIDGE)	117,700 LB
ASPHALT MEMBRANE WATERPROOFING	262 SQFT
CONCRETE BARRIER (TYPE 27)	217 LF

PILE DATA TABLE

Location	Pile Type	Design Loading	Nominal Resistance		Design Tip Elevation	Specified Tip Elevation
			Compression	Tension		
Abutment 1	HP 14X89	60 Tons	240 Kips	0	255 (1); 275 (3)	255
Bent 2	HP 14x89	70 Tons	280 Kips	140 Kips	255 (1); 260 (2); 275 (3)	255
Abutment 3	HP 14X89	60 Tons	240 Kips	0	255 (1); 275 (3)	255

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

NO AS BUILT CHANGES

BY: *Al E. 2/2/04*

DATE: 6/1/04

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

 DESIGN OVERSIGHT 2/1/01 SIGNOFF DATE dur_gp.div	DESIGN	BY J. CASEY/M. GRIGGS	CHECKED M. KANAAN	LOAD FACTOR DESIGN	LIVE LOADING* HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	53-1031
	DETAILS	BY K. JOHNSON	CHECKED M. KANAAN	LAYOUT	BY J. CASEY/M. GRIGGS		CHECKED M. KANAAN	PROJECT ENGINEER
QUANTITIES	BY L. BURNE	CHECKED M. BRADY	SPECIFICATIONS	BY D. FREDERICKS	PLANS AND SPECS COMPARED M. BRADY	CU 07279 EA 1069U1	POST MILE	30.51

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3

REVISION DATES (PRELIMINARY STAGE ONLY): 28-FEB-2001

DISREGARD PRINTS BEARING EARLIER REVISION DATES

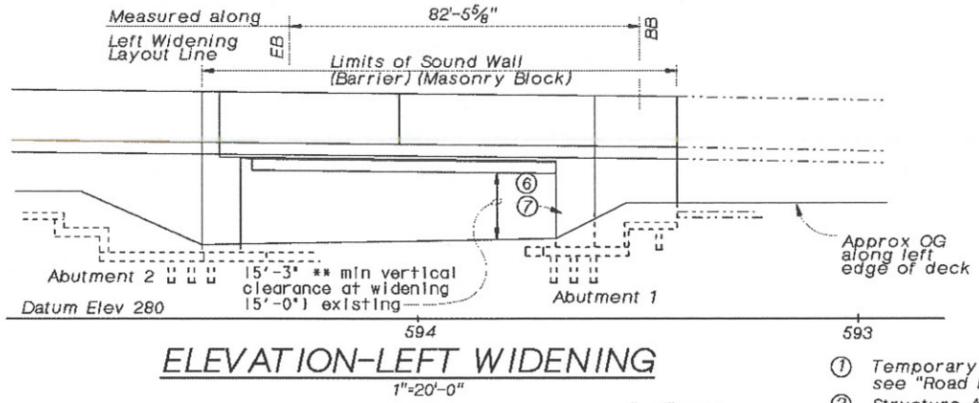
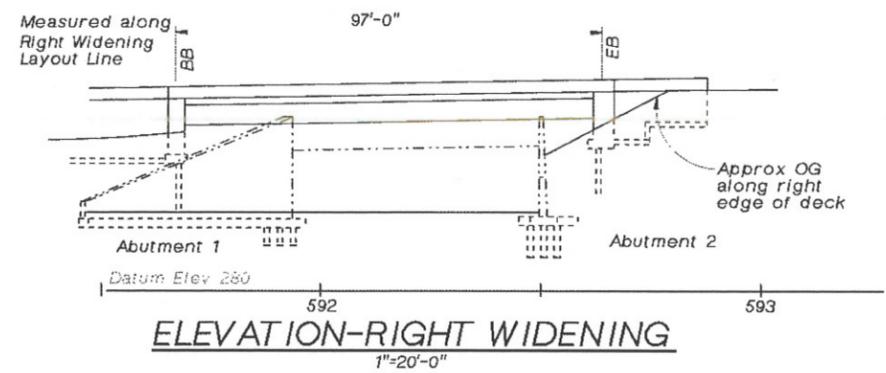
SEISMIC RETROFIT
DURFEE AVENUE UC (WIDEN)
GENERAL PLAN

SHEET 1 OF 19

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	10	28.0/31.2	1067	1142

REGISTERED CIVIL ENGINEER
 MARK S. BRADY
 No. 47086
 Exp. 12/31/03
 CIVIL
 STATE OF CALIFORNIA

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

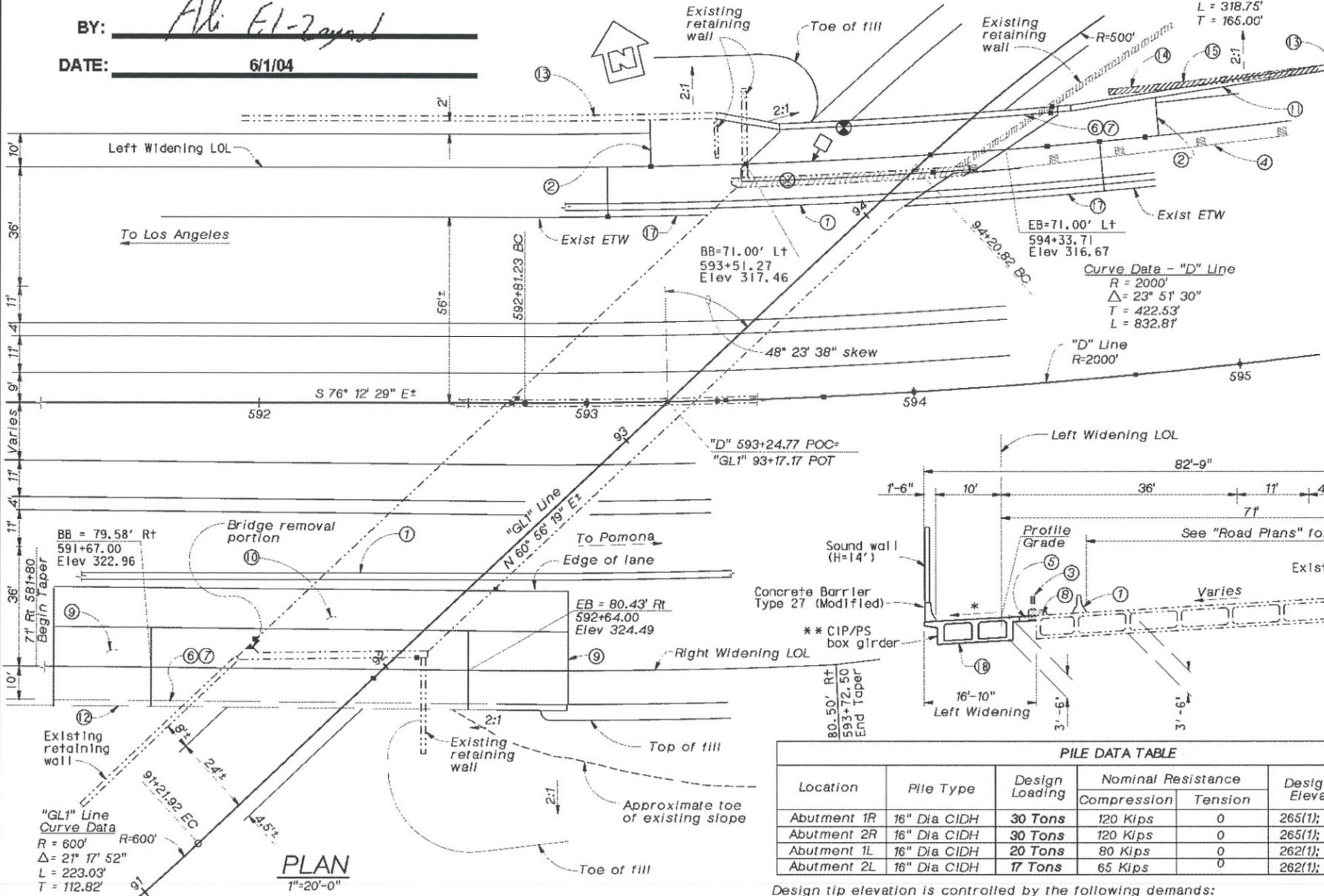


NO AS BUILT CHANGES
 BY: Ali El-Zayat
 DATE: 6/1/04

- Notes:
- Temporary Railing (Type K), see "Road Plans"
 - Structure Approach Type N(30S)
 - Remove Metal Bridge Railing
 - Remove MBGR, see "Road Plans"
 - 2'-0" Closure Pour
 - Paint "Bridge No. 53-1032"
 - Paint "Garvey Ave Off Ramp UC"
 - Refinish bridge deck
 - Structure Approach Type N(30D)
 - Transition Slab
 - Sound Wall No. 595 on Retaining Wall No. 595, see "Road Plans"
 - Retaining Wall No. 590, see "Road Plans"
 - Existing sound wall on retaining wall.
 - Existing retaining wall to be removed, see "Road Plans"
 - Existing sound wall on retaining wall to be removed, see "Road Plans"
 - Drainage, see "Rt Widen Abut 1 Details" sheet
 - Structure Approach Type (R30S), extend to edge of existing PCC pavement.
 - Soffit lighting, see "Road Plans".

GARVEY AVENUE ON-RAMP UC (WIDEN)
 QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION M	LUMP SUM
STRUCTURE EXCAVATION (BRIDGE)	335 CY
STRUCTURE BACKFILL (BRIDGE)	371 CY
AGGREGATE BASE (APPROACH SLAB)	3 CY
16" CAST-IN-DRILLED-HOLE CONCRETE PILING	1,980 LF
PRESTRESSING CAST-IN-PLACE CONCRETE	LUMP SUM
JACKING SUPERSTRUCTURE	LUMP SUM
STRUCTURAL CONCRETE, BRIDGE FOOTING	129 CY
STRUCTURAL CONCRETE, BRIDGE	386 CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	118 CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	31 CY
STRUCTURAL CONCRETE, TRANSITION SLAB	43 CY
PAVING NOTCH EXTENSION	1 CY
DRILL AND BOND DOWEL	56 LF
REFINISH BRIDGE DECK	165 SQFT
SOUND WALL (BARRIER) (MASONRY BLOCK)	1,230 SQFT
JOINT SEAL (TYPE B-MR 1")	111 LF
BAR REINFORCING STEEL (BRIDGE)	86,100 LB
DRAINAGE SYSTEM (BRIDGE)	LUMP SUM
MISCELLANEOUS METAL (BRIDGE)	469 LB
CONCRETE BARRIER (TYPE 27)	232 LF



PILE DATA TABLE

Location	Pile Type	Design Loading	Nominal Resistance		Design Tip Elevation	Specified Tip Elevation
			Compression	Tension		
Abutment 1R	16" Dia CIDH	30 Tons	120 Kips	0	265(1); 286(2)	265
Abutment 2R	16" Dia CIDH	30 Tons	120 Kips	0	265(1); 286(2)	265
Abutment 1L	16" Dia CIDH	20 Tons	80 Kips	0	262(1); 274(2)	262
Abutment 2L	16" Dia CIDH	17 Tons	65 Kips	0	262(1); 274(2)	262

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

TYPICAL SECTION
1"=10'-0"

 DESIGN OVERSIGHT DAVE PAJOUHESH 2/1/01 SIGNOFF DATE gar_gp.dwg	DESIGN BY: M. BRADY CHECKED: D. SUN DETAILS BY: K. JOHNSON CHECKED: D. SUN QUANTITIES BY: L. BURNE CHECKED: M. BRADY	LOAD FACTOR DESIGN BY: M. BRADY CHECKED: D. SUN LAYOUT BY: M. BRADY CHECKED: D. SUN SPECIFICATIONS BY: D. FREDERICKS CHECKED: M. BRADY	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION MARK S. BRADY PROJECT ENGINEER CU 07279 EA 106901	BRIDGE NO. 53-1032 POST MILE 30.58 GARVEY AVE OFF-RAMP UC (WIDEN) GENERAL PLAN	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 04-OCT-2000 SHEET 1 OF 23
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