

# **INFORMATION HANDOUT**

**For Contract No. 05-1C0904**

**At 05-Mon-68, 101-Var**

**Identified by**

**Project ID 0512000073**

## **MATERIALS INFORMATION**

Water Source Information

Aerially Deposited Lead Concentration Data and Sample Location Map

Manufacturer Drawings for Alternative Crash Cushion Systems



April 8, 2015

Mr. David Rasmussen  
50 Higuera Street  
San Luis Obispo, Ca 93401

**RE: CONSTRUCTION WATER-**

Dear Mr. Rasmussen,

Pursuant to your emails to the City of Soledad Public Works Director, Don Wilcox, the City of Soledad anticipates being able to supply construction water for various projects located in the Monterey County area surrounding the City of Soledad. The City can provide the projects with either Title 22 Reclaimed Water or Potable Water. Listed below are details for each water source.

**POTABLE WATER**

1. Our nearest connection point is located on 1013 South Front Street.
2. The City can provide a 3" construction meter on an existing fire hydrant at this location. *Should the contractor desire to place an overhead tank trailer, an alternative location will be required.*
3. An "Application for Water Service" will need to be completed.
4. A deposit of \$100.00 is required (credit against water use). Also included in the \$100.00 is the application fee.
5. A fixed meter fee of \$138.50/month and water consumption of \$1.58.00 per unit. (one unit is 100 cubic feet or 748 gallons)
6. Ability to provide service may be impacted by any emergency drought measures that may be in place at time of application. Currently, the City has no drought restrictions on providing water service.

**TITLE 22 RECLAIMED WATER**

1. Our nearest connection point is located on 34520 Morisoli Road.
2. The City can provide a 3" construction meter on an existing fire hydrant at this location. *Should the contractor desire to place an overhead tank trailer, an alternative location will be required.*
3. An "Application for Water Service" will need to be completed.
4. A deposit of \$100.00 is required (credit against water use). Also included in the \$100.00 is the application fee.

5. A fixed meter fee of \$138.50/month and water consumption of \$1.58.00 per unit. (one unit is 100 cubic feet or 748 gallons)
6. Currently, the City has no drought restrictions on providing Title 22 Reclaimed Water Service and no plans for water restrictions on the Title 22 Reclaimed Water.

If you have any questions, please contact me by telephone at (831) 223-5190 or by email at [Ed.Waggoner@cityofsoledad.com](mailto:Ed.Waggoner@cityofsoledad.com).

Sincerely,



**Ed Waggoner,**  
**Water Resources Manager**  
**City of Soledad WRF**  
**34520 Morisoli Road**  
**Soledad Ca. 93960**

*ph 831-223-5190*  
*fax 831-223-5192*



**From:** [Harold Wolgamott](#)  
**To:** [Rasmussen, David@DOT](mailto:Rasmussen, David@DOT)  
**Cc:** [Jamie Lipe](#); [Veronica Gonzalez](#)  
**Subject:** Water supply for upcoming Caltrans Hwy 101 project  
**Date:** Thursday, March 19, 2015 7:58:38 AM  
**Attachments:** [image003.png](#)  
[05-1C090 KEY MAP.pdf](#)  
[05-1c090 TITLE SHEET.pdf](#)

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The City of Gonzales can accommodate the need for water for the upcoming construction project in this area. Please have the contractor contact city hall, Veronica Gonzalez or Jamie Lipe, at 831-675-5000 and they will make arrangements.

Gonzales is happy to assist and continue our good working relationship with Cal Trans.

Harold R Wolgamott  
City of Gonzales  
Special Projects Director  
Deputy Emergency Services Director  
831-594-8101



Gonzales Grows Green

Sustainable Community Initiative

Please think before you print

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**From:** Rasmussen, David@DOT [mailto:[david.rasmussen@dot.ca.gov](mailto:david.rasmussen@dot.ca.gov)]  
**Sent:** Friday, March 13, 2015 12:53 PM  
**To:** Harold Wolgamott  
**Subject:** Water supply for upcoming Caltrans Hwy 101 project

Good afternoon,

The Department of Transportation has an upcoming roadway construction project consisting of spot locations on Highway 101 in King City, Soledad, Gonzales, and on Highway 68 west of Salinas. Our Department policy requires us to determine if the local water purveyor will be able to provide the water necessary for construction.

The project will install concrete paving at 62 locations on Hwy 101 and Hwy 68, in the area beyond the existing paving at gore points (the sharp triangles where on- and off-ramps join the main highway) to reduce the area where mowing is necessary by Maintenance workers in a hazardous location. In addition, 8 maintenance vehicle pullouts (MVPs) will be installed, and 4 slopes beneath overcrossings will receive concrete paving to eliminate erosion. I have attached the title sheet and key map showing the various locations. The anticipated starting date is fall 2015, the estimated project construction period is 85 working days (17 weeks) and approximately 250,000 gallons of water will be required during construction.

We would expect the contractor will draw from the nearest source to where they are working.

Please let me know if you have any questions and if your agency will be able to provide the construction water supply.

## Rasmussen, David@DOT

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**From:** Bloom, Marc A. <mbloom@calwater.com>  
**Sent:** Thursday, May 21, 2015 9:22 AM  
**To:** Rasmussen, David@DOT  
**Subject:** RE: Water supply for upcoming Caltrans Hwy 101/68 project

David,

Regarding the work in King City in the email below. We can supply your contractor with a construction meter which requires a \$900 deposit and an inspection of the water truck/buffalo for proper air gap. At this time, we can supply the water for your construction needs in King City; however, with the drought we can stop supplying the water if it should become necessary. Also, the water from King City, through our construction meter, can only be used for the construction in the King City area and water cannot be taken from another system through the meter. If you need explanation, please contact me.

Thank you,

Marc Bloom  
Local Manager  
California Water Service, Co  
1301 Broadway Cir., Suite A-3  
King City, CA 93930-3130  
Phone: (831)385-5486  
Fax: (831)385-3047

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**From:** Rasmussen, David@DOT [mailto:david.rasmussen@dot.ca.gov]  
**Sent:** Wednesday, May 20, 2015 2:56 PM  
**To:** infoSLN  
**Subject:** Water supply for upcoming Caltrans Hwy 101/68 project

Good afternoon,

The Department of Transportation has an upcoming roadway construction project consisting of spot locations on Highway 101 in King City, Soledad, Gonzales, and on **Highway 68 west of Salinas**. Our Department policy requires us to determine if the local water purveyor will be able to provide the water necessary for construction.

The project will install concrete paving at 62 locations on Hwy 101 and Hwy 68, in the area beyond the existing paving at gore points (the sharp triangles where on- and off-ramps join the main highway) to reduce the area where mowing is necessary by Maintenance workers in a hazardous location. In addition, 8 maintenance vehicle pullouts (MVPs) will be installed, and 4 slopes beneath overcrossings will receive concrete paving to eliminate erosion. I have attached the title sheet and key map showing the various locations. The anticipated starting date is fall 2015, the estimated project construction period is 85 working days (17 weeks) and approximately 250,000 gallons of water will be required during construction.

We expect the contractor will draw from the nearest source to where they are working.

Please let me know if you have any questions and if your agency will be able to provide the construction water supply. *If you are not able to make this determination, an appropriate contact would be appreciated.*

Thanks,

David C. Rasmussen, PE  
Project Manager

**Marc Bloom**

Local Manager

**CALIFORNIA WATER SERVICE**

**831-385-5486**

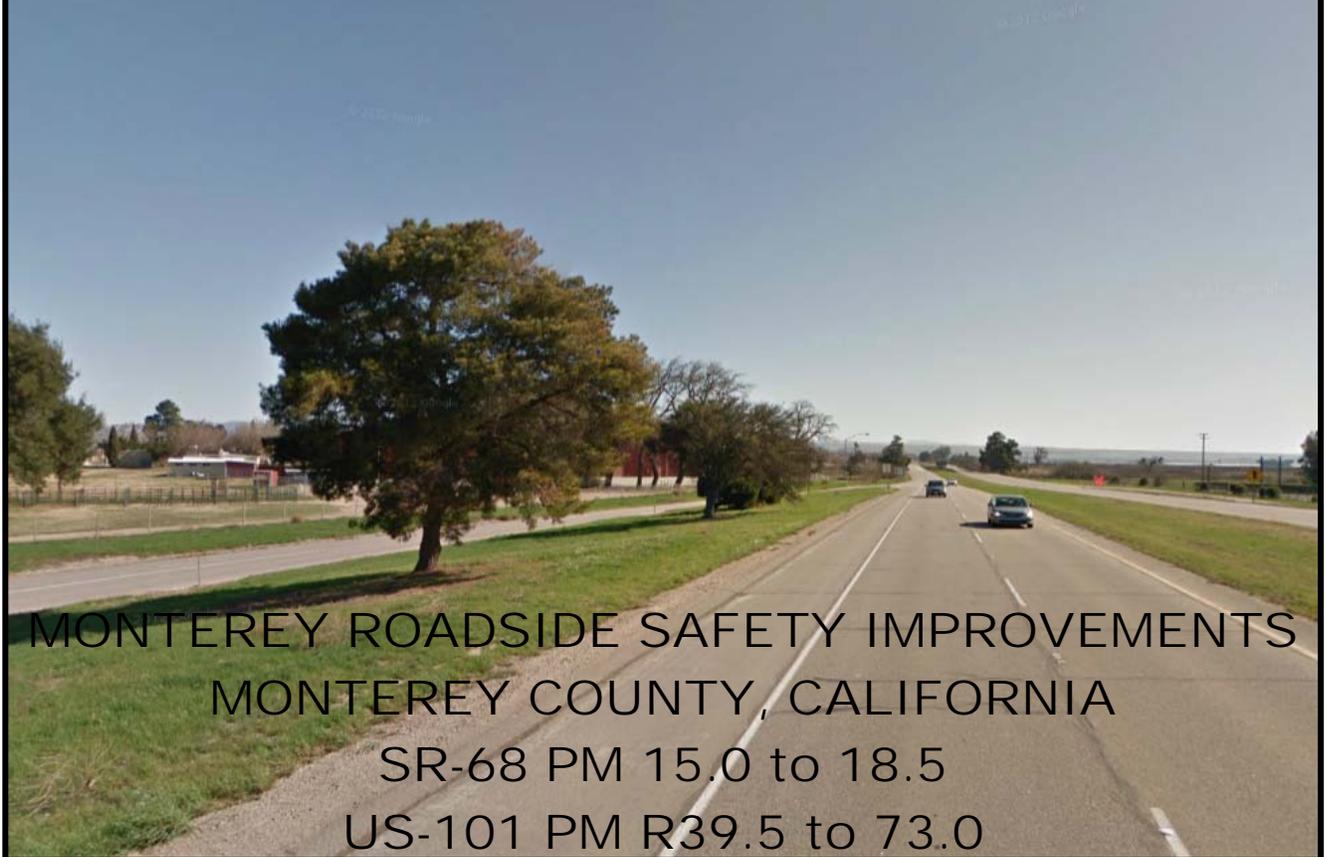


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# PRELIMINARY SITE INVESTIGATION REPORT



PREPARED FOR:

CALIFORNIA DEPARTMENT OF TRANSPORTATION  
DISTRICT 5  
OFFICE OF ENVIRONMENTAL PLANNING  
BRANCH/UNIT 1403  
50 HIGUERA STREET  
SAN LUIS OBISPO, CA 93401



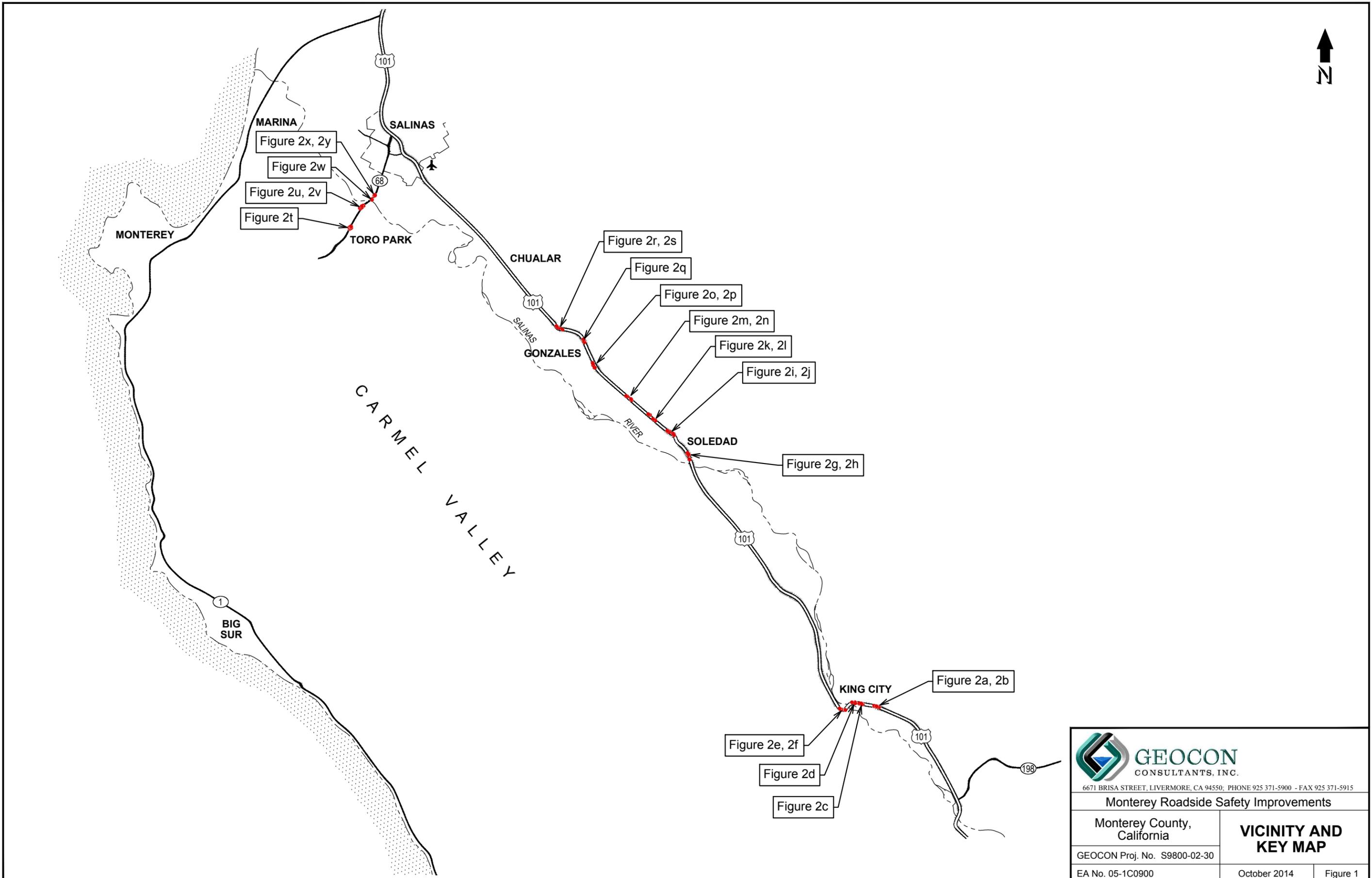
PREPARED BY:

GEOCON CONSULTANTS, INC.  
6671 BRISA STREET  
LIVERMORE, CA 94550



GEOCON PROJECT NO. S9800-02-30  
CALTRANS EA 05-1C0900  
CALTRANS PROJECT # 05-1200-0073-0

OCTOBER 2014

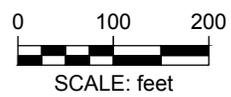


 6671 BRISA STREET, LIVERMORE, CA 94550; PHONE 925 371-5900 - FAX 925 371-5915	
Monterey Roadside Safety Improvements	
Monterey County, California	<b>VICINITY AND KEY MAP</b>
GEOCON Proj. No. S9800-02-30	
EA No. 05-1C0900	October 2014
	Figure 1



Matchline Figure 2b  
Matchline Figure 2a

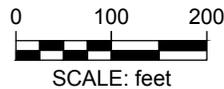
**LEGEND:**  
● Boring Location



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<p>Monterey County, California</p>	
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<p>GEOCON Proj. No. S9800-02-30</p>	
<p>EA No. 05-1C0900</p>	<p>October 2014</p>
<p>Figure 2a</p>	



**LEGEND:**  
● Boring Location



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**Monterey Roadside Safety Improvements**

Monterey County,  
California

**SITE PLAN**

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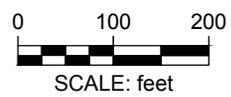
EA No. 05-1C0900

October 2014

Figure 2b



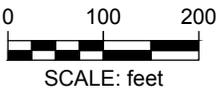
**LEGEND:**  
 ● Boring Location



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<p>GEOCON Proj. No. S9800-02-30</p>	
<p>EA No. 05-1C0900</p>	<p>October 2014</p>
<p>Figure 2c</p>	



**LEGEND:**  
 ● Boring Location



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 CONSULTANTS, INC.

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**Monterey Roadside Safety Improvements**

Monterey County,  
 California

**SITE PLAN**

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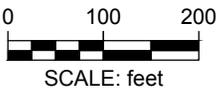
EA No. 05-1C0900

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Figure 2d



**LEGEND:**  
 ● Boring Location



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**Monterey Roadside Safety Improvements**

Monterey County,  
California

**SITE PLAN**

GEOCON Proj. No. S9800-02-30

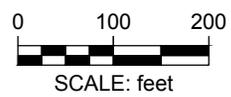
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Figure 2e



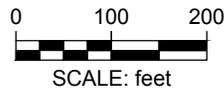
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Monterey County, California	
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GEOCON Proj. No. S9800-02-30	
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Figure 2f	



**LEGEND:**  
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Monterey County,  
California

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EA No. 05-1C0900

October 2014

Figure 2g



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CONSULTANTS, INC.

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Monterey Roadside Safety Improvements

Monterey County,  
California

**SITE PLAN**

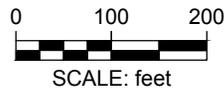
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EA No. 05-1C0900

October 2014

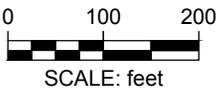
Figure 2h

**LEGEND:**  
● Boring Location





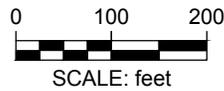
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<p>Figure 2i</p>	



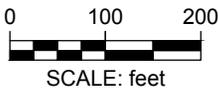
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<p>Figure 2j</p>	



**LEGEND:**  
 ● Boring Location



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**Monterey Roadside Safety Improvements**

Monterey County,  
 California

**SITE PLAN**

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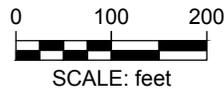
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Figure 2k



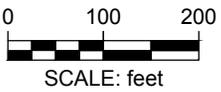
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<p>EA No. 05-1C0900</p>		<p>Figure 2I</p>



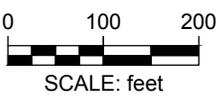
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EA No. 05-1C0900	October 2014
Figure 2m	



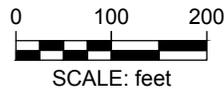
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<p>EA No. 05-1C0900</p>		<p>Figure 2n</p>



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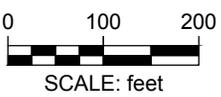
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<p>Figure 2o</p>	



**LEGEND:**  
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Matchline Figure 2p  
 Matchline Figure 2o



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<p>Figure 2p</p>	



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**Monterey Roadside Safety Improvements**

Monterey County,  
California

**SITE PLAN**

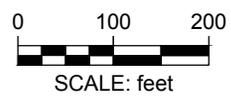
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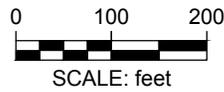
Figure 2q

**LEGEND:**  
● Boring Location





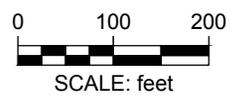
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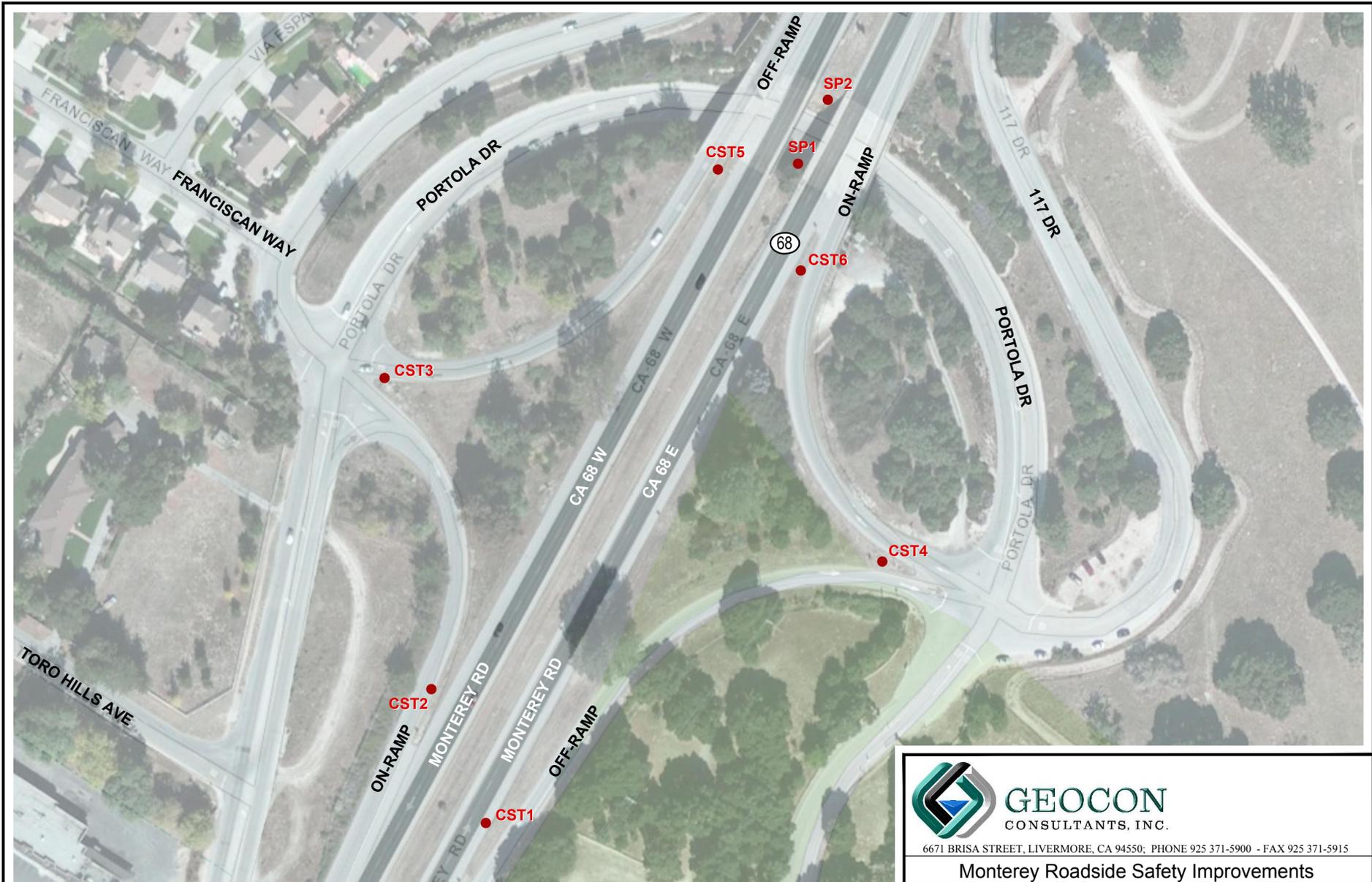
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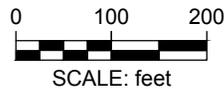
 <b>GEOCON</b> CONSULTANTS, INC. 6671 BRISA STREET, LIVERMORE, CA 94550; PHONE 925 371-5900 - FAX 925 371-5915		
<b>Monterey Roadside Safety Improvements</b>		
Monterey County, California		<b>SITE PLAN</b>
GEOCON Proj. No. S9800-02-30		
EA No. 05-1C0900	October 2014	Figure 2s



<b>LEGEND:</b>	
	<b>Boring Location</b>



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**Monterey Roadside Safety Improvements**

Monterey County,  
California

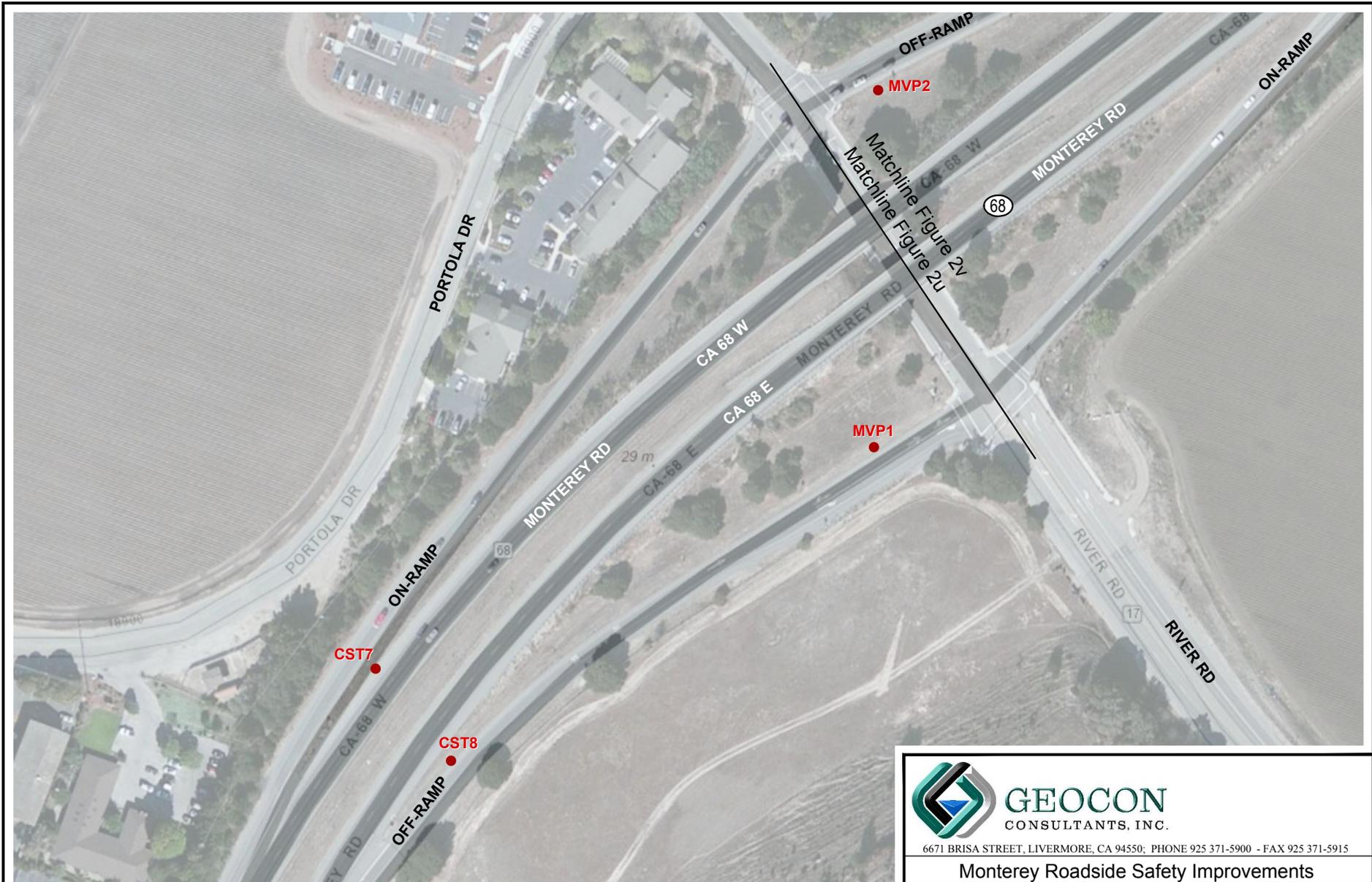
**SITE PLAN**

GEOCON Proj. No. S9800-02-30

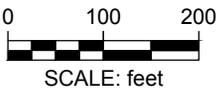
EA No. 05-1C0900

October 2014

Figure 2t



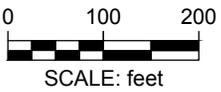
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<p>Figure 2u</p>	



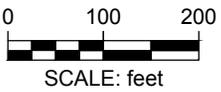
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<p>Figure 2v</p>	



**LEGEND:**  
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<p>Monterey County, California</p>	
<p><b>SITE PLAN</b></p>	
<p>GEOCON Proj. No. S9800-02-30</p>	
<p>EA No. 05-1C0900</p>	<p>October 2014</p>
<p>Figure 2w</p>	



6671 BRISA STREET, LIVERMORE, CA 94550; PHONE 925 371-5900 - FAX 925 371-5915

Monterey Roadside Safety Improvements

Monterey County,  
California

**SITE PLAN**

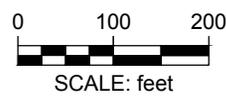
GEOCON Proj. No. S9800-02-30

EA No. 05-1C0900

October 2014

Figure 2x

**LEGEND:**  
● Boring Location





**LEGEND:**  
 ● Boring Location



 <p>6671 BRISA STREET, LIVERMORE, CA 94550; PHONE 925 371-5900 - FAX 925 371-5915</p>	
<p><b>Monterey Roadside Safety Improvements</b></p>	
<p>Monterey County, California</p>	
<p><b>SITE PLAN</b></p>	
<p>GEOCON Proj. No. S9800-02-30</p>	
<p>EA No. 05-1C0900</p>	<p>October 2014</p>
<p>Figure 2y</p>	

**TABLE 1**  
**Boring Coordinates**  
**Monterey SR-68/US-101 Roadside Safety Improvements**  
**Monterey County, California**

<b>Boring</b>	<b>Northing</b>	<b>Easting</b>	<b>Latitude</b>	<b>Longitude</b>
<b><u>SR-68 Salinas/Toro Park</u></b>				
CST1	2,114,551.52	5,770,975.16	36.605271	-121.694199
CST2	2,114,706.21	5,770,916.83	36.605691	-121.694413
CST3	2,115,063.50	5,770,873.08	36.606669	-121.694596
CST4	2,114,837.46	5,771,439.74	36.606092	-121.692644
CST5	2,115,291.10	5,771,263.18	36.607324	-121.693289
CST6	2,115,172.88	5,771,355.37	36.607006	-121.692964
CST7	2,121,099.55	5,774,210.75	36.623499	-121.683803
CST8	2,120,991.80	5,774,294.59	36.623210	-121.683508
CST9	2,121,971.16	5,775,270.38	36.625974	-121.680277
CST10	2,121,878.90	5,775,370.26	36.625728	-121.679928
CST11	2,123,987.16	5,778,046.39	36.631722	-121.671011
CST12	2,123,799.36	5,778,019.82	36.631204	-121.671084
CST13	2,125,069.84	5,778,798.96	36.634752	-121.668550
CST14	2,125,159.63	5,779,000.42	36.635014	-121.667872
CST15	2,125,351.66	5,779,026.82	36.635543	-121.667800
MVP1	2,121,336.88	5,774,791.08	36.624195	-121.681849
MVP2	2,121,744.88	5,774,807.30	36.625317	-121.681833
SP1	2,115,295.27	5,771,355.37	36.607342	-121.692975
SP2	2,115,367.15	5,771,391.83	36.607543	-121.692858
<b><u>US-101 King City</u></b>				
CST16	1,962,922.87	5,939,126.76	36.200440	-121.110101
CST17	1,963,062.10	5,939,114.93	36.200822	-121.110151
CST18	1,963,337.88	5,937,624.14	36.201489	-121.115223
CST19	1,963,458.42	5,937,702.49	36.201825	-121.114967
CST20	1,963,904.37	5,933,982.38	36.202824	-121.127606
CST21	1,964,037.18	5,933,985.51	36.203189	-121.127605
CST22	1,964,127.27	5,932,883.95	36.203369	-121.131344
CST23	1,964,260.60	5,932,886.55	36.203735	-121.131346
CST24	1,964,527.66	5,931,577.53	36.204389	-121.135801
CST25	1,964,372.46	5,931,693.16	36.203970	-121.135398
CST26	1,964,251.62	5,931,524.93	36.203628	-121.135959
CST27	1,964,554.75	5,930,607.74	36.204404	-121.139090
CST28	1,962,148.44	5,928,473.06	36.197665	-121.146141
CST29	1,962,262.21	5,927,294.41	36.197905	-121.150143
CST30	1,962,126.27	5,927,164.20	36.197523	-121.150574
CST31	1,962,590.85	5,926,663.68	36.198768	-121.152305
MVP3	1,963,900.20	5,933,700.61	36.202795	-121.128560
MVP4	1,964,204.89	5,933,556.34	36.203623	-121.129072
MVP5	2,041,535.05	5,879,067.31	36.412521	-121.320032
MVP6	2,041,569.94	5,878,926.16	36.412608	-121.320515
MVP7	2,043,188.65	5,878,650.91	36.417034	-121.321583
MVP8	2,049,316.85	5,874,006.08	36.433554	-121.337872
SP3	1,963,196.49	5,938,420.95	36.201149	-121.112513
SP4	1,963,334.64	5,938,388.16	36.201526	-121.112634

**TABLE 1**  
**Boring Coordinates**  
**Monterey SR-68/US-101 Roadside Safety Improvements**  
**Monterey County, California**

<b>Boring</b>	<b>Northing</b>	<b>Easting</b>	<b>Latitude</b>	<b>Longitude</b>
<b><u>US-101 Soledad</u></b>				
CST32	2,042,900.18	5,878,720.62	36.416247	-121.321322
CST33	2,042,872.20	5,878,593.13	36.416162	-121.321753
CST34	2,043,349.63	5,878,538.09	36.417469	-121.321980
CST35	2,043,307.90	5,878,201.92	36.417332	-121.323118
CST36	2,043,538.12	5,878,303.74	36.417971	-121.322791
CST37	2,049,189.24	5,874,046.70	36.433206	-121.337723
CST38	2,049,597.58	5,873,990.98	36.434324	-121.337946
CST39	2,049,692.89	5,873,710.77	36.434567	-121.338906
CST40	2,050,198.06	5,872,688.37	36.435885	-121.342423
CST41	2,050,204.53	5,872,327.25	36.435879	-121.343651
CST42	2,050,602.91	5,871,865.31	36.436942	-121.345254
CST43	2,053,845.68	5,868,129.04	36.445596	-121.358222
CST44	2,054,361.78	5,867,379.52	36.446962	-121.360813
CST45	2,055,604.33	5,866,358.93	36.450305	-121.364386
CST46	2,055,835.06	5,865,880.29	36.450907	-121.366032
CST47	2,060,295.32	5,860,534.02	36.462792	-121.384581
CST48	2,060,625.53	5,860,361.11	36.463687	-121.385197
CST49	2,061,434.13	5,859,239.02	36.465830	-121.389080
CST50	2,061,576.31	5,858,805.68	36.466191	-121.390565
<b><u>US-101 Gonzales</u></b>				
CST51	2,070,568.58	5,848,763.67	36.490193	-121.425478
CST52	2,070,649.83	5,848,867.83	36.490423	-121.425131
CST53	2,071,352.44	5,848,332.94	36.492315	-121.427010
CST54	2,072,101.40	5,848,176.17	36.494361	-121.427608
CST55	2,078,649.14	5,845,628.91	36.512164	-121.436836
CST56	2,078,673.10	5,845,477.35	36.512219	-121.437354
CST57	2,079,407.47	5,845,195.58	36.514216	-121.438376
CST58	2,079,554.35	5,845,278.39	36.514625	-121.438107
CST59	2,082,722.95	5,838,575.01	36.522857	-121.461187
CST60	2,083,186.12	5,837,428.55	36.524048	-121.465128
CST61	2,083,377.26	5,836,890.01	36.524535	-121.466977
CST62	2,083,749.14	5,836,671.26	36.525541	-121.467753
MVP9	2,071,843.06	5,848,283.98	36.493659	-121.427219

Coordinates estimated  
Northings and Eastings shown in NAD, 83, Zone 5

**TABLE 2**  
**Summary of Lead and pH Results**  
**Monterey SR-68/US-101 Roadside Safety Improvements**  
**Monterey County, California**

Sample ID	Sample Depth (feet)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH	Waste Classification
<b><u>SR-68 Salinas/Toro Park</u></b>							
CST1	0 to 0.75	33	---	---	---	---	<i>non-hazardous</i>
CST2	0 to 0.75	10	---	---	---	---	<i>non-hazardous</i>
CST3	0 to 0.75	3.8	---	---	---	---	<i>non-hazardous</i>
CST4	0 to 0.75	5.5	---	---	---	---	<i>non-hazardous</i>
CST5	0 to 0.75	4.5	---	---	---	---	<i>non-hazardous</i>
CST6	0 to 0.75	6.4	---	---	---	---	<i>non-hazardous</i>
CST7	0 to 0.75	100	<b>7.3</b>	<1.0	0.089	6.7	<b>CA-hazardous</b>
CST8	0 to 0.75	100	<b>11</b>	<1.0	0.13	7.4	<b>CA-hazardous</b>
CST9	0 to 0.75	47	---	---	---	---	<i>non-hazardous</i>
CST10	0 to 0.75	50	3.2	---	---	---	<i>non-hazardous</i>
CST11	0 to 0.75	34	---	---	---	---	<i>non-hazardous</i>
CST12	0 to 0.75	78	<b>8.5</b>	<1.0	---	7.4	<b>CA-hazardous</b>
CST13	0 to 0.75	20	---	---	---	---	<i>non-hazardous</i>
CST14	0 to 0.75	52	2.4	---	---	---	<i>non-hazardous</i>
CST15	0 to 0.75	41	---	---	---	---	<i>non-hazardous</i>
MVP1	0 to 0.75	4.2	---	---	---	---	<i>non-hazardous</i>
MVP2	0 to 0.75	59	2.8	---	---	---	<i>non-hazardous</i>
SP1	0 to 0.33	96	<1.0	---	---	---	<i>non-hazardous</i>
SP2	0 to 0.33	8.8	---	---	---	---	<i>non-hazardous</i>
<b><u>US-101 King City</u></b>							
CST16	0 to 0.75	59	3.5	---	---	---	<i>non-hazardous</i>
CST17	0 to 0.75	21	---	---	---	---	<i>non-hazardous</i>
CST18	0 to 0.75	35	---	---	---	---	<i>non-hazardous</i>
CST19	0 to 0.75	31	---	---	---	---	<i>non-hazardous</i>
CST20	0 to 0.75	60	2.6	---	---	---	<i>non-hazardous</i>
CST21	0 to 0.75	24	---	---	---	---	<i>non-hazardous</i>
CST22	0 to 0.75	120	<b>14</b>	<1.0	0.054	7.4	<b>CA-hazardous</b>
CST23	0 to 0.75	120	<b>8.8</b>	<1.0	0.052	7.2	<b>CA-hazardous</b>
CST24	0 to 0.75	51	3.3	---	---	---	<i>non-hazardous</i>
CST25	0 to 0.75	92	<b>5.7</b>	1.0	---	7.3	<b>CA-hazardous</b>
CST26	0 to 0.75	160	<b>6.1</b>	<1.0	<0.050	6.6	<b>CA-hazardous</b>
CST27	0 to 0.75	120	<b>9.0</b>	<1.0	<0.050	7.4	<b>CA-hazardous</b>
CST28	0 to 0.75	57	2.3	---	---	---	<i>non-hazardous</i>
CST29	0 to 0.75	44	---	---	---	---	<i>non-hazardous</i>
CST30	0 to 0.75	64	2.2	---	---	---	<i>non-hazardous</i>
CST31	0 to 0.75	120	<b>7.1</b>	<1.0	<0.050	7.6	<b>CA-hazardous</b>
MVP3	0 to 0.75	63	2.7	---	---	---	<i>non-hazardous</i>
MVP4	0 to 0.75	17	---	---	---	---	<i>non-hazardous</i>
MVP5	0 to 0.75	20	---	---	---	---	<i>non-hazardous</i>
MVP6	0 to 0.75	19	---	---	---	---	<i>non-hazardous</i>
MVP7	0 to 0.75	20	---	---	---	---	<i>non-hazardous</i>
MVP8	0 to 0.75	47	---	---	---	---	<i>non-hazardous</i>
SP3	0 to 0.33	22	---	---	---	---	<i>non-hazardous</i>
SP4	0 to 0.33	33	---	---	---	---	<i>non-hazardous</i>

**TABLE 2**  
**Summary of Lead and pH Results**  
**Monterey SR-68/US-101 Roadside Safety Improvements**  
**Monterey County, California**

Sample ID	Sample Depth (feet)	Total Lead (mg/kg)	WET Lead (mg/l)	DI-WET Lead (mg/l)	TCLP Lead (mg/l)	pH	Waste Classification
<b><u>US-101 Soledad</u></b>							
CST32	0 to 0.75	34	---	---	---	---	<i>non-hazardous</i>
CST33	0 to 0.75	83	<b>6.1</b>	<1.0	---	7.3	<b>CA-hazardous</b>
CST34	0 to 0.75	62	2.2	---	---	---	<i>non-hazardous</i>
CST35	0 to 0.75	37	---	---	---	---	<i>non-hazardous</i>
CST36	0 to 0.75	42	---	---	---	---	<i>non-hazardous</i>
CST37	0 to 0.75	250	<b>12</b>	<1.0	0.058	6.5	<b>CA-hazardous</b>
CST38	0 to 0.75	150	<b>8.8</b>	<1.0	0.053	7.2	<b>CA-hazardous</b>
CST39	0 to 0.75	180	<b>10</b>	<1.0	<0.050	6.9	<b>CA-hazardous</b>
CST40	0 to 0.75	9.9	---	---	---	---	<i>non-hazardous</i>
CST41	0 to 0.75	24	---	---	---	---	<i>non-hazardous</i>
CST42	0 to 0.75	31	---	---	---	---	<i>non-hazardous</i>
CST43	0 to 0.75	13	---	---	---	---	<i>non-hazardous</i>
CST44	0 to 0.75	3.2	---	---	---	---	<i>non-hazardous</i>
CST45	0 to 0.75	68	3.5	---	---	---	<i>non-hazardous</i>
CST46	0 to 0.75	47	---	---	---	---	<i>non-hazardous</i>
CST47	0 to 0.75	160	<b>12</b>	<1.0	0.20	6.4	<b>CA-hazardous</b>
CST48	0 to 0.75	34	---	---	---	---	<i>non-hazardous</i>
CST49	0 to 0.75	10	---	---	---	---	<i>non-hazardous</i>
CST50	0 to 0.75	14	---	---	---	---	<i>non-hazardous</i>
<b><u>US-101 Gonzales</u></b>							
CST51	0 to 0.75	15	---	---	---	---	<i>non-hazardous</i>
CST52	0 to 0.75	58	3.3	---	---	---	<i>non-hazardous</i>
CST53	0 to 0.75	9.1	---	---	---	---	<i>non-hazardous</i>
CST54	0 to 0.75	100	<b>6.1</b>	<1.0	<0.050	6.4	<b>CA-hazardous</b>
CST55	0 to 0.75	140	1.1	---	---	---	<i>non-hazardous</i>
CST56	0 to 0.75	210	<b>11</b>	1.7	0.098	6.4	<b>CA-hazardous</b>
CST57	0 to 0.75	6.0	---	---	---	---	<i>non-hazardous</i>
CST58	0 to 0.75	11	---	---	---	---	<i>non-hazardous</i>
CST59	0 to 0.75	28	---	---	---	---	<i>non-hazardous</i>
CST60	0 to 0.75	50	3.1	---	---	---	<i>non-hazardous</i>
CST61	0 to 0.75	12	---	---	---	---	<i>non-hazardous</i>
CST62	0 to 0.75	32	---	---	---	---	<i>non-hazardous</i>
MVP9	0 to 0.75	12	---	---	---	---	<i>non-hazardous</i>

Hazardous Waste Criteria

TTLC (mg/kg)	1,000	---	---	---	---	---
STLC (mg/l)	---	5.0	---	---	---	---
TCLP (mg/l)	---	---	---	5.0	---	---

**Notes:**

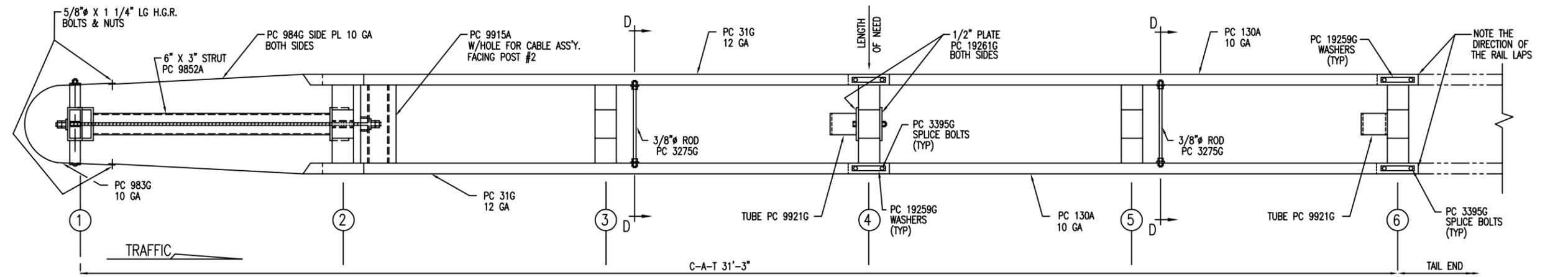
- mg/kg = Milligrams per kilogram
- mg/l = Milligrams per liter
- TCLP = Toxicity Characteristic Leaching Procedure
- TTLC = Total Threshold Limit Concentration
- STLC = Soluble Threshold Limit Concentration
- WET = Waste Extraction Test using citric acid as the extraction fluid
- DI-WET = Waste Extraction Test using deionized water as the extraction fluid

**TABLE 3**  
**Summary of CAM 17 Metals Results**  
**Monterey SR-68/US-101 Roadside Safety Improvements**  
**Monterey County, California**

Sample ID	Sample Depth (ft)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	
<b><u>SR-68 Salinas/Toro Park</u></b>																			
CST7	0 to 0.75	<2.0	2.7	51	<1.0	<1.0	14	3.4	17	100	<0.10	<1.0	14	<1.0	<1.0	<1.0	19	47	
CST12	0 to 0.75	<2.0	2.1	47	<1.0	<1.0	27	4.6	34	78	<0.10	<1.0	28	<1.0	<1.0	<1.0	24	46	
<b><u>US-101 King City</u></b>																			
CST16	0 to 0.75	<2.0	5.9	100	<1.0	<1.0	56	10	22	59	<0.10	<1.0	89	<1.0	<1.0	<1.0	37	59	
CST22	0 to 0.75	<2.0	3.9	83	<1.0	1.2	43	5.3	17	120	<0.10	1.4	56	<1.0	<1.0	<1.0	23	69	
MVP6	0 to 0.75	<2.0	2.2	60	<1.0	<1.0	37	4.8	9.1	20	<0.10	<1.0	38	<1.0	<1.0	<1.0	21	37	
MVP8	0 to 0.75	<2.0	3.2	78	<1.0	<1.0	13	2.4	7.6	20	<0.10	<1.0	10	<1.0	<1.0	<1.0	16	47	
SP4	0 to 0.33	<2.0	5.2	83	<1.0	<1.0	44	8.2	17	33	<0.10	<1.0	69	<1.0	<1.0	<1.0	30	55	
<b><u>US-101 Soledad</u></b>																			
CST43	0 to 0.75	<2.0	3.7	83	<1.0	<1.0	30	6.8	17	13	<0.10	<1.0	41	<1.0	<1.0	<1.0	28	51	
CST46	0 to 0.75	<2.0	2.0	48	<1.0	<1.0	9.6	3.0	12	47	<0.10	<1.0	9.1	<1.0	<1.0	<1.0	16	57	
<b><u>US-101 Gonzales</u></b>																			
CST54	0 to 0.75	<2.0	3.7	80	<1.0	<1.0	27	6.8	22	100	<0.10	1.1	31	<1.0	<1.0	<1.0	33	97	
<b><u>ESLs</u></b>																			
Residential Land Use		20	0.39	750	4.0	12	1,000	23	230	80	6.7	40	150	10	20	0.78	200	600	
Commercial/Industrial Land Use		40	1.6	1,500	8.0	12	2,500	80	230	320	10	40	150	10	40	10	200	600	
Construction Worker Exposure		120	10	61,000	180	110	460,000*	49	12,000	320	27	1,500	6,100	1,500	1,500	3.1	1,500	93,000	
<b><u>Hazardous Waste Criteria</u></b>																			
TTLC (mg/kg)		500	500	10,000	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000	
STLC (mg/l)		15	5.0	100	0.75	1.0	5.0	80	25	5.0	0.2	350	20	1.0	5.0	7.0	24	250	
TCLP (mg/l)		---	5.0	100	---	1.0	6.0	---	---	5.0	0.2	---	---	1.0	5.0	---	---	---	

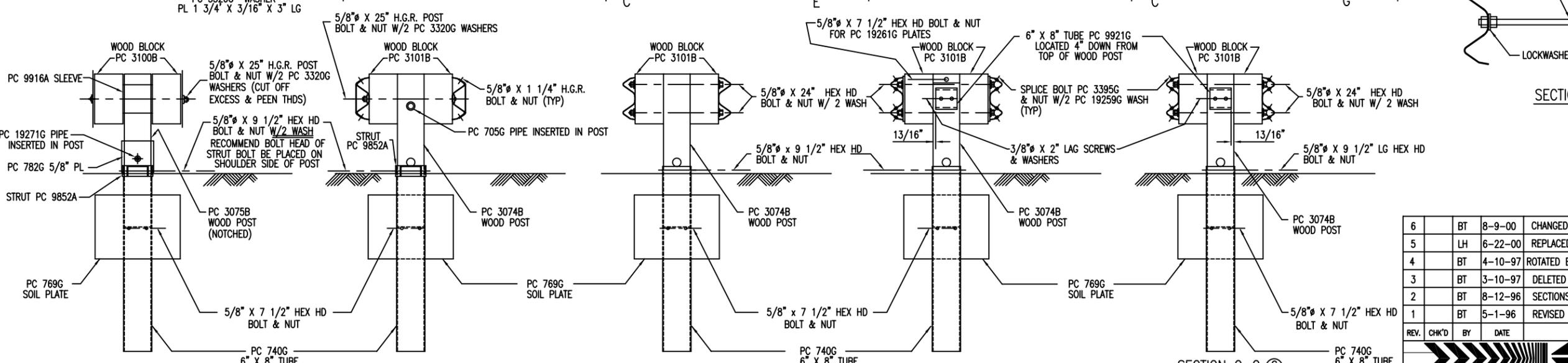
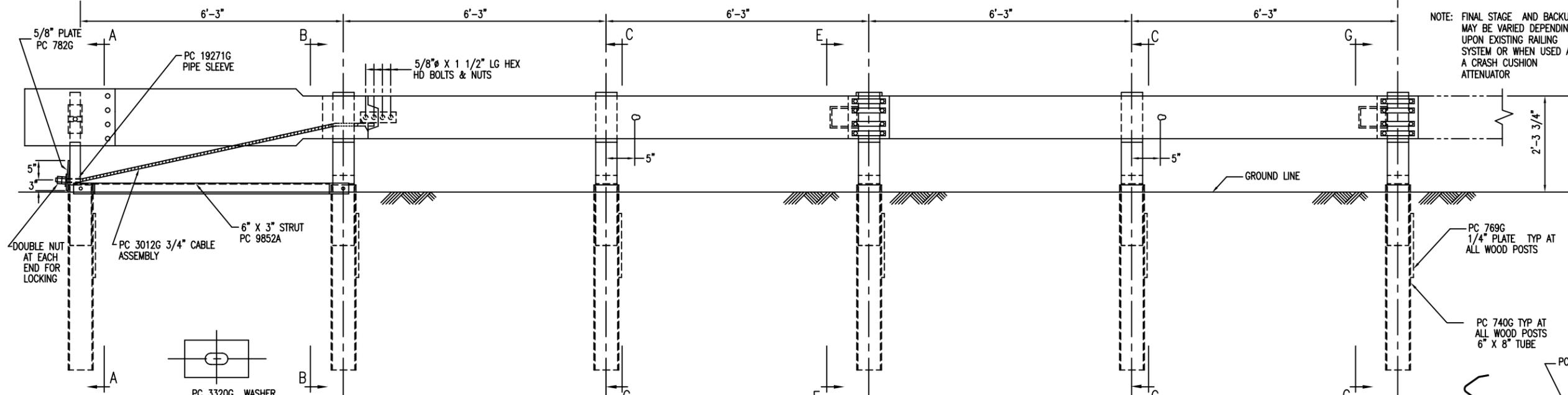
**Notes:**

Results are shown in milligrams per kilogram (mg/kg).  
 \*Value listed is for Chromium III, as there is no construction exposure standard for total chromium.  
*Values listed in italics are results of WET analysis*  
 < = Analyte was not detected above the laboratory reporting limit.  
 ESLs = Environmental Screening Levels, Tables A and K-3, SFRWQCB, December 2013.  
 TTLC = total threshold limit concentration  
 STLC = soluble threshold limit concentration  
 TCLP = toxicity characteristic leaching procedure



C-A-T BILL OF MATERIAL

PRODUCT CODE	QTY	DESCRIPTION
31G	2	12/12/6/0 CAT (GUARDRAIL)
130A	2	10/12/6/5/10:6/8/SP CAT (GUARDRAIL)
705G	1	2" x 5 1/2" PIPE
740G	6	4"6 TUBE SLEEVE
769G	6	1/4 x 18 x 24 SOIL PLATE
782G	1	5/8" x 8" x 8" BEARING PLATE
983G	1	10/NOSE PLATE/CAT/ROLLED
984G	2	10/SIDE PLATE CAT
3012G	1	CABLE 3/4 x 8/0/DBL SWG
3074B	5	WD 3'6 POST #2, 3, 4, 5, 6 CAT
3075B	1	WD 3'6 POST #1 CAT
3100B	2	WD BLOCK 1'2 #1 CAT
3101B	10	WD BLOCK 1'2 #2-6 CAT
3255G	4	3/8" FLAT WASHER
3263G	4	3/8" x 2" LAG SCREW
3275G	2	3/8" x 24 1/2" RESTRAINT ROD
3300G	20	5/8" FLAT WASHER
3320G	4	3/16" x 1 3/4" x 3" RECT WASHER
3340G	85	5/8" G.R. NUT
3360G	16	5/8" x 1 1/4" G.R. BOLT
3380G	8	5/8" x 1 1/2" HEX BOLT
3395G	32	5/8" x 1 3/4" HEX BOLT CAT
3478G	13	5/8" x 7 1/2" HEX BOLT
3497G	6	5/8" x 9 1/2" HEX BOLT
3650G	2	5/8" x 25" G.R. BOLT
3900G	2	1" FLAT WASHER
3910G	4	1" HEX NUT
4252G	8	3/8" HEX NUT
4258G	4	3/8" LOCK WASHER
4640G	8	5/8" x 24" HEX BOLT
9852A	1	CHANNEL STRUT x 6'-6"
9915A	1	SPACER CHANNEL CAT
9916A	1	10/BENT PLATE SLEEVE
9921G	2	6" SLEEVE 6 x 8
19259G	32	3/16" x 2" x 10" PLATE WASHER
19261G	2	1/2 x 3 x 7 POST PLATE
19271G	1	1" x 2 1/2" PIPE SLEEVE CAT



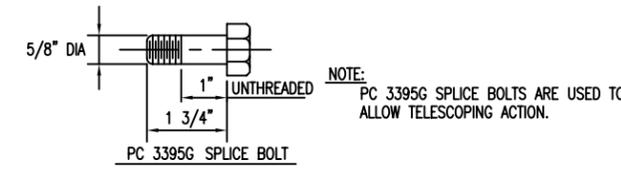
REV.	CHK'D	BY	DATE	REMARKS
6	BT		8-9-00	CHANGED SYSTEM HEIGHT, WAS 2'-3"
5	LH		6-22-00	REPLACED PC 766 WITH PC 769, CHANGED TITLE BLOCK
4	BT		4-10-97	ROTATED BLOCK PC 9921 90° AT POST 4 & 6
3	BT		3-10-97	DELETED PC 3072, 3073, 4470, CHG QTY 3074 & 3478
2	BT		8-12-96	SECTIONS A-A & B-B, CORRECTED PIPE SLEEVE PC No
1	BT		5-1-96	REVISED PC No 31G & 130A

**C-A-T**

CRASH-CUSHION ATTENUATING TERMINAL PLAN, ELEVATION & SECTIONS FOR USE AS A LONGITUDINAL MEDIAN BARRIER TERMINAL OR CRASH CUSHION ATTENUATOR

TRINITY INDUSTRIES, INC.  
HIGHWAY SAFETY PRODUCTS  
2525 STEMMONS FREEWAY, DALLAS, TX 75207

DRAWN	BT
CHECKED	EN
SCALE	N.T.S.
DATE	7-15-94
ENG. FILE #	SS245-01E
SHT.No.	E1 OF 1
DRAWING NO.	SS-245
REV.	6



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