



Incorporated October 22, 1956

CITY OF SARATOGA

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CITY OF SARATOGA, CALIFORNIA

ADDENDUM NO. 1

FOR

HIGHWAY 9 SAFETY IMPROVEMENTS, PHASE II

June 12, 2012

Attached is Addendum No. 1 which consists of:

- This cover sheet.
- Addendum No. 1.

Each bidder must acknowledge receipt of this Addendum by making a note on the page 67 of the bid documents.

SUBJECT: Addendum #1 to Contract Documents for Highway 9 Safety Improvements Phase II Contract (Federal Project HSIPL-5332(011))

Certain revisions are hereby incorporated into the **Contract Documents** for the subject project. These revisions are as follows:

BID DOCUMENTS INCLUDING CONSTRUCTION CONTRACT:

1. On page 69, **Bid Schedule**, delete the table in its entirety and replace with Attachment 1.
2. On page 46, Special Conditions, Paragraph 9 Public Convenience and Safety, insert Attachment 5 Tree Protective Fencing and Tree Protection Measures.

TECHNICAL SPECIFICATIONS:

1. On page 9, **10-5-1.02 Nonhighway Facilities (Including Utilities)**, replace table “**Utility Relocation and Contractor-Arranged Time for the Relocation**” with Attachment 2, in its entirety.
2. On page 88, after **10-10-1.17P Reconstruct Concrete Mailbox**, insert Attachment 3, 10-10-1.17Q Relocate Fire Hydrant, in its entirety.
3. On page 113, **5.3 Advance Flashing Beacons**, delete the paragraph in its entirety and replace insert the following:

Advance flashing beacons shall be attached to a Caltrans Type 9B Pole. Solar cells, battery and transmitter shall be attached at the top of the Caltrans Type 9B Poles.

4. On page 113, **6.0 Measurement and Payment**, delete the paragraph in its entirety and insert the following:

The contract unit price for each wireless lighted crosswalk warning system shall include full compensation for all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in installing lighted crosswalk, including the work and materials necessary to complete one installed system at each location in operable condition, including wireless transmitter unit, Type 9B pole and foundation, a solar cell/battery equipment enclosure cabinets, advance warning flashing beacon, push button activation assembly, Caltrans and associated equipment, as shown on the plans, as specified in these special provisions and as directed by the Engineer and no additional compensation will be allowed therefore.

5. On page 114, **10-10-2.01H Modify Lighted Crosswalk**, delete the 3rd paragraph in its entirety and insert the following:

The contract unit price for modify wireless lighted crosswalk warning system shall include full compensation for all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in modifying lighted crosswalk, as shown on the plans, including removing and salvaging existing equipment and Type 9B pole and foundation, as specified in these special provisions and as directed by the Engineer and no additional compensation will be allowed therefore.

PLANS:

1. On Sheet 9, **DEMOLITION PLAN DEM-1**, delete the entire sheet and replace in its entirety with revised plan sheet DEM-1A. Relocate fire hydrant is part of the work.
2. On Sheet 60, **IN-PAVEMENT LIGHTING E-3**, delete the entire sheet and replace in its entirety with revised plan sheet E-3A. Note has been added.

ATTACHMENTS:

Attachment 1	Bid Schedule
Attachment 2	Utility Relocation and Contractor-Arranged Time for the Relocation Table
Attachment 3	Relocate Fire Hydrant
Attachment 4	Plan Revisions/Updates
	1. Demolition Plan DEM-1A
	2. In-Pavement Lighting E-3A
Attachment 5	Tree Protective Fencing, Tree Protection Measures

Please note that you must acknowledge receipt of the Addendum when your bid is submitted, or your bid may be considered non-responsive. Notify subcontractors and suppliers as necessary.

All the bid documents including this Addendum No. 1 are available for downloading from the City of Saratoga web site at www.saratoga.ca.us under What's New - Bids & RFPs <http://www.saratoga.ca.us/services/bids.asp>

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End of Addendum No. 1.

ATTACHMENT 1

BID SCHEDULE

**HIGHWAY 9 SAFETY IMPROVEMENT PROJECT
PHASE II
BID SCHEDULE**

Item No.	Item	Unit	Quantity	Unit Price	Amount
	CITY OF SARATOGA				
1	Mobilization	LS	1		
2	Clearing & Grubbing	LS	1		
3	Traffic Handling/ Staging	LS	1		
4	Prepare SWPPP	LS	1		
5	Water Pollution Control	LS	1		
6	Construction Site Management	LS	1		
7	Erosion Control Measures	LS	1		
8	Remove Chain Link Fence	LF	120		
9	Remove Wooden Fence	LF	40		
10	Remove Tree	EA	12		
11	Adjust SSMH to Grade	EA	1		
12	Adjust Water Meter	EA	8		
13	Adjust Water Valve	EA	1		
14	Relocate Mailbox	EA	4		
15	Adjust Inlet to Grade	EA	1		
16	Remove Drainage Inlet	EA	1		
17	Remove Post	EA	1		
18	Remove Concrete Curb/Curb & Gutter	LF	70		
19	Remove Base and Surfacing	CY	90		
20	Cold Plane Asphalt Concrete	SY	390		
21	Roadway Excavation	CY	215		
22	Aggregate Base (Class 2)	TON	540		
23	Hot Mix Asphalt (Type A)	TON	590		
24	Place Hot Mix Asphalt Dike (Type A)	LF	1335		
25	Concrete Curb (Type A1-6)	LF	185		
26	Concrete Curb (Type B3-6)	LF	120		
27	Vertical Curb	LF	550		
28	Modify G2 Inlet	EA	1		
29	15" RCP	LF	1		
30	Removable Bollard	EA	4		
31	Decorative Boulders	EA	6		
32	Header Board	LF	220		
33	1-1/2" Sch 40 Conduit	LF	720		
34	1-1/4" Sch 40 Conduit	LF	720		
35	Traffic Sign and Striping	LS	1		
36	Wireless Lighted Crosswalk Warning System	EA	1		
37	Modify Existing Lighted Crosswalk	EA	1		
38	Pedestrian Lighting	EA	9		
39	Detectable Warning Surface	SF	330		

Item No.	Item	Unit	Quantity	Unit Price	Amount
40	Radar Speed Feedback Sign	EA	4		
41	Cobblestone Median	SF	420		
42	Chain Link Fence (Type CL-4)	LF	690		
43	Tree Protection Fencing	LF	2900		
				SUBTOTAL BASE BID	
	CITY OF MONTE SERENO				
1	Mobilization	LS	1		
2	Clearing & Grubbing	LS	1		
3	Traffic Handling/ Staging	LS	1		
4	Prepare SWPPP	LS	1		
5	Water Pollution Control	LS	1		
6	Construction Site Management	LS	1		
7	Erosion Control Measures	LS	1		
8	Remove Chain Link Fence	LF	20		
9	Remove Tree	EA	1		
10	Adjust SSMH to Grade	EA	5		
11	Adjust SS Cleanout to Grade	EA	2		
12	Adjust Water Meter	EA	31		
13	Adjust Water Valve	EA	4		
14	Adjust FH to Grade	EA	4		
15	Relocate FH	EA	1		
16	Relocate Mailbox	EA	11		
17	Cap Drainage Inlet	EA	2		
18	Remove AC Dike	LF	170		
19	Remove Concrete Curb/Curb & Gutter	LF	160		
20	Remove Concrete Wall	LF	4		
21	Cold Plane Asphalt Concrete	SY	980		
22	Roadway Excavation	CY	435		
23	Aggregate Base (Class 2)	TON	435		
24	Hot Mix Asphalt (Type A)	TON	820		
25	Place Hot Mix Asphalt Dike (Type A)	LF	2295		
26	Retaining Wall (Wood)	SF	1320		
27	Concrete Curb (Type A1-6)	LF	65		
28	Concrete Curb and Gutter (A2-6)	LF	130		
29	Vertical Curb	LF	70		
30	Storm Drain Catch Basin	EA	2		
31	15" RCP	LF	3		
32	Pipe Handrailing	LF	240		

Item No.	Item	Unit	Quantity	Unit Price	Amount
33	Traffic Sign and Striping	LS	1		
34	Wireless Lighted Crosswalk Warning System	EA	1		
35	Detectable Warning Surface	SF	390		
36	Radar Speed Feedback Sign	EA	1		
37	Chain Link Fence (Type CL-4)	LF	20		
38	Reconstruct Concrete Wall	LF	80		
39	Reconstruct Wood Fence	LF	6		
40	Reconstruct Brick Wall	LF	20		
41	Reconstruct Concrete Mailbox	EA	1		
42	Reconstruct Stone Wall	LF	8		
43	Tree Protection Fencing	LF	1000		
				SUBTOTAL BASE BID	
				TOTAL BASE BID	

The award of the contract, if it is to be awarded, will be to the lowest responsive responsible bidder whose proposal complies with all the requirements of the bid documents. The low bid will be determined based upon:

Total Base Bid only.

ATTACHMENT 2

10-10-1.17Q RELOCATE FIRE HYDRANT

Utility Relocation and Contractor-Arranged Time for the Relocation

Utility	Utility Address	Location	Days
PG&E 21 kV Overhead Electrical Downguy and Anchor	10900 N. Blaney Avenue Cupertino, CA 95014 (408) 725-2146	"AM2" 165+78.84 Lt	3 days
Verizon Telecommunication Manholes & Boxes	15 Montebello Way Los Gatos, CA 95030 (408) 354-6374	"AM1" 61+55.21 Lt "AM2" 153+00.01 Lt "AM2" 153+20.01 Lt "AM2" 156+71.55 Lt "AM2" 159+02.54 Lt "AM2" 159+94.44 Lt "AM2" 161+38.82 Lt "AM2" 163+63.16 Lt "AM2" 165+40.46 Lt "AM2" 168+52.73 Lt "AM2" 168+89.10 Lt "AM2" 169+44.21 Lt "AM2" 171+03.50 Lt "AM2" 173+51.94 Lt "AM2" 176+62.99 Lt "AM2" 177+86.45 Lt "AM2" 177+50.88 Lt	0.5 day each location
Comcast Cable Box	1900 S. 10th Street. San Jose, CA 95112 (408) 918-3245	"AM1" 16+27.13 Rt "AM1" 18+63.71 Rt "AM2" 146+06.37 Lt "AM2" 150+31.37 Lt "AM2" 150+31.42 Lt "AM2" 165+62.61 Lt "AM2" 169+51.89 Lt "AM2" 170+45.63 Lt "AM2" 173+46.26 Lt "AM2" 174+76.06 Lt "AM2" 175+10.57 Lt "AM2" 175+53.94 Lt	1 day each location

ATTACHMENT 3

10-10-1.17Q RELOCATE FIRE HYDRANT

10-10-1.17Q RELOCATE FIRE HYDRANT

Existing fire hydrant and assembly shall be removed and relocated at new location as shown on the plans.

Existing water services shall be disconnected at the flanged connection and extended with a lateral matching the existing water service size. A new concrete thrust block shall be installed at the new location.

All operating valves shall be located below grade and protected by "break-off" features so that no water flows if hydrant is knocked off.

Contractor shall notify the Engineer 7 days in advance of the shutdown and again at 24 hours. Shutdown period shall not exceed 4 hours.

Water main shut-down will be performed by San Jose Water Company staff. Shut-downs affecting commercial establishments will be allowed during business closure hours only. Contractor shall coordinate this work with the business being impacted and shall only perform this work during non-business hours unless otherwise approved by the Engineer.

PRESSURE TESTING FIRE HYDRANT

Fire hydrant and assembly shall be pressure tested after installed or relocated at new location as shown on the plans. The pressure should be 40 to 60 pounds per square inch at 1000 gallons per minute.

MEASUREMENT AND PAYMENT

Fire hydrant and relocate fire hydrant will be measured as units determined from actual count complete in place.

The contract unit price paid for relocate fire hydrant shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in relocating fire hydrant including furnish and installing blue pavement markers, pipe extensions, concrete anchor blocks, structure excavation and structure backfill, as shown on the plans, as specified in these special provisions, and as directed by the Engineer.

ATTACHMENT 4 PLAN REVISIONS/UPDATES

- 1. Demolition Plan DEM-1A**
- 2. In-Pavement Lighting E-3A**

DATE: _____ TIME: _____ DRAWING NAME: _____ PLOTTING VIEW: _____ PROJ. WDR: _____
 SERVER: _____ SERVICE: _____ DESIGNED: _____
 PARR: _____
 XREFS: P:\Eng10\107004 - Hwy 9 Phase 2\DWG\Sheets\Demo\DEM-1A.dwg 12 Jun 2012 11:10:41am enrl

NOTES:

1. CONTACT UNDERGROUND SERVICE ALERT (U.S.A.) (800) 642-2444 AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION WORK FOR ASSISTANCE IN LOCATING UNDERGROUND UTILITIES.
2. ALL KNOWN EX UNDERGROUND UTILITIES ARE SHOWN ON THE PLAN AS BEST AS CAN BE ESTABLISHED FROM AVAILABLE INFORMATION. THE CONTRACTOR SHALL PROCEED WITH DUE CAUTION DURING UNDERGROUND OPERATIONS AND SHALL REPAIR OR REPLACE ALL UTILITIES AND SERVICES, EITHER MARKED IN THE FIELD OR INDICATED ON THE PLANS, WHICH ARE DAMAGED DURING DEMOLITION AT HIS OWN EXPENSE. EX IRRIGATION SYSTEM COMPONENTS ARE ALSO SUBJECT TO THIS PROVISION WHETHER SPECIFICALLY SHOWN ON THE PLANS OR NOT. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF DAMAGED UTILITIES WHETHER UNMARKED IN THE FIELD OR NOT SHOWN (REF. STANDARD SPEC. SECTION 8-1.10.)
3. ALL UTILITIES THAT CALL OUT FOR ADJUSTMENT SHALL BE ADJUSTED BY CONTRACTOR UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL REPLACE OR REPAIR, AT HIS OWN EXPENSE, ALL DAMAGED, REMOVED OR OTHERWISE DISTURBED WALLS, FENCES, CURBS, ABOVE-GRADE IMPROVEMENTS OR PHYSICAL FEATURES OF WHATEVER NATURE TO THEIR ORIGINAL CONDITIONS, WHEN SPECIFICALLY INDICATED ON THE PLANS OR SPECIFICATIONS.

5. FRAME AND COVERS SHALL BE ADJUSTED TO FINISHED GRADE FOR ALL EX UTILITY STRUCTURES AS NOTED.
6. ALL EX PAVEMENT STRIPING & MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT STRIPING & MARKINGS, SHALL BE REMOVED.
7. EXACT LOCATION AND POSITION OF ALL RELOCATED ITEMS, SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER.
8. PRIOR TO CONSTRUCTION, ENGINEER AND CONTRACTOR SHALL FIELD VERIFY DEMOLITION LIMITS.

LEGEND:

-  EX TREE TO REMAIN
-  EX TREE TO BE REMOVED
-  REMOVE EX AC PAVEMENT
-  REMOVE DECORATIVE PAVING
-  REMOVE COBBLESTONE MEDIAN
-  REMOVE EX AC SIDEWALK, CURB RAMP, AC DITCH
-  REMOVE EX PCC PATH, PCC SIDEWALK AND HANDICAP RAMP
-  0.15' Max GRIND EX PAVEMENT

DEMOLITION NOTES:

- | | | | |
|---|--|---|---|
|  EX FIRE HYDRANT TO REMAIN (DO NOT DISTURB) |  RELOCATE EX CALL BOX (BY OTHERS) |  ADJUST EX UTILITY BOX TO GRADE (BY OTHERS) |  RELOCATE EX FIRE HYDRANT |
|  EX CLF TO BE REMOVED |  REMOVE EX AC DIKE |  EX WATER METER TO REMAIN (DO NOT DISTURB) |  EX ROCK WALL TO REMAIN (DO NOT DISTURB) |
|  EX JOINT POLE TO REMAIN (DO NOT DISTURB) |  REMOVE EX HEADWALL |  EX DRAINAGE INLET TO REMAIN (DO NOT DISTURB) |  RESET EX SIGN |
|  ADJUST EX WATER METER TO GRADE |  EX SIGN TO REMAIN |  ADJUST EX SIGNAL BOX TO GRADE |  ADJUST EX FIRE HYDRANT TO GRADE |
|  EX MAIL BOX TO REMAIN (DO NOT DISTURB) |  NOT USED |  EX UTILITY MH TO REMAIN (DO NOT DISTURB) |  REMOVE WOODEN FENCE |
|  EX CTV BOX TO REMAIN (DO NOT DISTURB) |  ADJUST EX SSMH TO GRADE |  EX SIGNAL POLE TO REMAIN (DO NOT DISTURB) |  REMOVE CONCRETE WALL |
|  EX FENCE TO REMAIN (DO NOT DISTURB) |  ADJUST EX UTIL MH TO GRADE (BY OTHERS) |  ADJUST EX SSCO TO GRADE |  RECONSTRUCT CONCRETE WALL |
|  ADJUST EX WATER VALVE TO GRADE |  REMOVE EX MBGR |  SAWCUT EXISTING PAVEMENT AND/OR CONCRETE TO A NEAT LINE |  RECONSTRUCT WOOD FENCE |
|  EX UTILITY BOX TO REMAIN (DO NOT DISTURB) |  RELOCATE EX SIGNAL WARNING POLE (SEE NOTE 7) |  EX COLUMN TO REMAIN (DO NOT DISTURB) |  RECONSTRUCT BRICK WALL |
|  EX SSMH TO REMAIN (DO NOT DISTURB) |  ADJUST EX CTV BOX TO GRADE (BY OTHERS) |  ADJUST EX TELECOMMUNICATION BOX TO GRADE (BY OTHERS) |  RECONSTRUCT CONCRETE MAILBOX |
|  RELOCATE EX MAIL BOX (SEE NOTE 7) |  EX WALL TO REMAIN (DO NOT DISTURB) |  CAP EX DRAINAGE INLET |  RECONSTRUCT STONE WALL |
|  ADJUST INLET TO GRADE |  EX WATER VALVE TO REMAIN (DO NOT DISTURB) | |  RECONSTRUCT CHAIN LINK FENCE |
|  EX CONC GUTTER TO REMAIN | | | |
|  ADJUST EX PG&E BOX TO GRADE (BY OTHERS) | | | |
|  REMOVE EX METAL POST | | | |
|  RELOCATE EX SIGN (SEE NOTE 7) | | | |



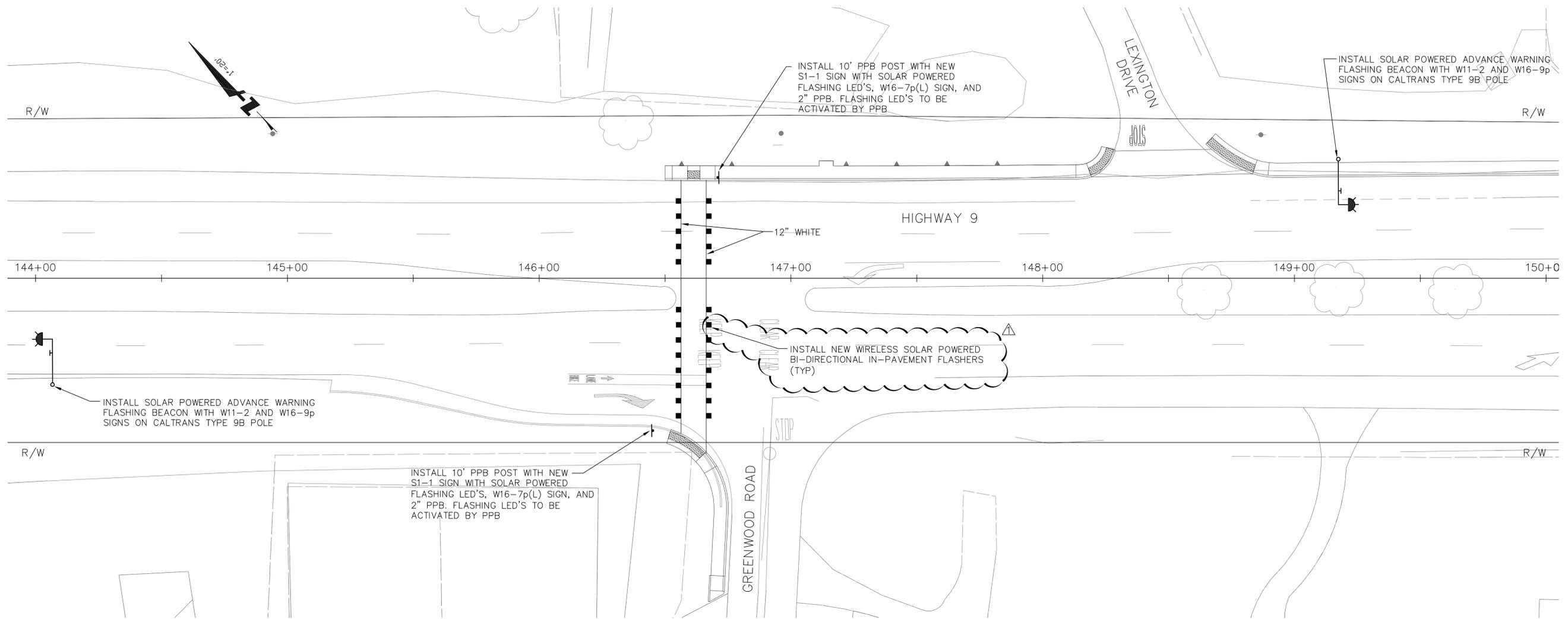
Highway 9 Safety Improvement Project
Phase 2
Demolition Plan

NO.	BY	DATE	REVISIONS:
1	IRSE	6/12/12	ADDENDUM NO. 1

DATE
5/21/2012
 SCALE
1" = 20'
 SHEET NO.
DEM-1A

DATE: _____ TIME: _____ DRAWING NAME: _____
 SERVER: _____ PLOTTING VIEW: _____
 PARI: _____ DESIGNED: _____ PROJ. NO.: _____

XREFS: K:\ENGINE\107004S\DWG\Sheets\In Pavement Lighting\03_E-3A.dwg 12 Jun 2012 11:56:05am melk



INSTALL SOLAR POWERED ADVANCE WARNING FLASHING BEACON WITH W11-2 AND W16-9p SIGNS ON CALTRANS TYPE 9B POLE

INSTALL 10' PPB POST WITH NEW S1-1 SIGN WITH SOLAR POWERED FLASHING LED'S, W16-7p(L) SIGN, AND 2" PPB. FLASHING LED'S TO BE ACTIVATED BY PPB

INSTALL NEW WIRELESS SOLAR POWERED BI-DIRECTIONAL IN-PAVEMENT FLASHERS (TYP)

INSTALL 10' PPB POST WITH NEW S1-1 SIGN WITH SOLAR POWERED FLASHING LED'S, W16-7p(L) SIGN, AND 2" PPB. FLASHING LED'S TO BE ACTIVATED BY PPB

INSTALL SOLAR POWERED ADVANCE WARNING FLASHING BEACON WITH W11-2 AND W16-9p SIGNS ON CALTRANS TYPE 9B POLE

FOR NOTES SEE SHEET E-1



**Highway 9 Safety Improvement Project
 Phase 2
 In-Pavement Lighting**

NO.	BY	DATE	REVISIONS
1	RSE	6/27/12	ADDENDUM NO. 1

DATE
5/21/2012
 SCALE
1" = 20'
 SHEET NO.
E-3A

ATTACHMENT 5

TREE PROTECTIVE FENCING, TREE PROTECTION MEASURES

Tree Protective Fencing and Tree Protection Measures

1. Tree protective fencing shall be installed and established prior to demolition or the arrival of construction materials on site. Exact location of the fencing shall be determined prior to Notice to Proceed issuance. The fencing shall be comprised of five-foot high chain link mounted on eight-foot tall, two-inch diameter galvanized posts, driven 24 inches into the ground and spaced no more than 10 feet apart. Once established, the fencing must remain undisturbed and be maintained throughout the construction process until final inspection.
2. Unless otherwise approved, all construction activities must be conducted outside the designated fenced area (even after fencing is removed). These activities include, but are not necessarily limited to, the following: demolition, grading, trenching, equipment cleaning, stockpiling and dumping materials (including soil fill), and equipment/vehicle operation and parking.
3. Any approved grading or trenching beneath the trees canopies shall be manually performed using shovels.
4. At the same time the fence is installed, I recommend a five-inch layer of coarse wood chips (1/2 to 3/4 inch size) is manually spread on unpaved areas between the fencing and existing/proposed features.
5. Any pruning of trees on site must be performed under the supervision of an ISA Certified Arborist or Tree Worker and according to ISA standards.
6. Irrigation should not spray within four feet of the tree's canopies. Any new trenching for irrigation should be installed. . .
7. The disposal of harmful product (such as chemicals, oil and gasoline) is prohibited beneath or anywhere on site that allows drainage beneath canopies. Additionally, fuel should not be stored nor shall any refueling or maintenance of equipment occur within 50 feet of the tree's trunks.
8. Herbicides should not be applied beneath the tree canopies. Where used on site, they must be labeled for safe use near trees.