



COMMUNITY DEVELOPMENT AGENCY

TRANSPORTATION DIVISION

<http://www.edcgov.us/DOT/>

PLACERVILLE OFFICES:

MAIN OFFICE:
2850 Fairlane Court, Placerville, CA 95667
(530) 621-5900 / (530) 626-0387 Fax

CONSTRUCTION & MAINTENANCE:
2441 Headington Road, Placerville, CA 95667
(530) 642-4909 / (530) 642-0508 Fax

LAKE TAHOE OFFICES:

ENGINEERING:
924 B Emerald Bay Road, South Lake Tahoe, CA 96150
(530) 573-7900 / (530) 541-7049 Fax

MAINTENANCE:
1121 Shakori Drive, South Lake Tahoe, CA 96150
(530) 573-3180 / (530) 577-8402 Fax

DATE: May 30, 2013

TO: All Prospective Bidders

SUBJECT: Addendum No. 1

Project # 66106 Green Valley Road/Silver Springs Parkway Intersection
Project # 66107 Silver Springs Parkway Realignment Onsite Phase-2
Project # 66114 Green Valley Road/Deer Valley Road Turn Lanes
Joint Trench Composite Drawing for Silver Springs Unit #1
PW 09-30470, CIP No. 76107 & 76114

Submit proposals for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are essential parts of the Contract.

ITEM NO.	LOCATION, PAGE, OR DRAWING NO.	DESCRIPTION OF CHANGE
1.01	Page after Cover Sheet of Contract Documents Book	Replace the Page after the Cover Sheet of Contract Documents Book with Attachment A attached to this addendum.
1.02	SP-1 and SP-234	Replace the website shown for EID standards with: “ http://www.eid.org/index.aspx under the ‘Doing Business with EID menu’”
1.03	N-2	Add the following to the end of the first paragraph of the Notice to Bidders OBTAINING OR INSPECTING CONTRACT DOCUMENTS: “ Only Contract Documents purchased from the Department of Transportation will be acceptable for bid submittal. ”
1.04	N-2 and SP-43	Add the following to the last paragraph of the Notice to Bidders OBTAINING OR INSPECTING CONTRACT DOCUMENTS and to the table in the Description column of Section 5-1.41 “Supplemental Project Information” of the special provisions: “Silver Springs Residential Development – Supplemental Pavement Design Information”
1.05	TOC-2, SP-45 through SP-47	Replace “ SECTION 7 CONTRACTOR’S INSURANCE ” in the Table of Contents with “ SECTION 7 CONTRACTOR’S INSURANCE AND INDEMNIFICATION ”.

		<p>After 7-1.11 "Governing Precedence" in the Table of Contents add the following: "7-2.01 Indemnity"</p> <p>Add the following sentence to the end of item 2 of Section 7-1.01 "General Insurance Requirements": "A Four Million (\$4,000,000) general aggregate limit shall apply separately for the Work under this Contract."</p> <p>In item 1 of Section 7-1.03 "Insurance Notification Requirements" replace "Janel Gifford" with "Sherrie Busby".</p> <p>Add the following Section after Section 7-1.11"Governing Precedence": "7-2.01 Indemnity To the fullest extent allowed by law, Contractor shall defend, indemnify, and hold the County, El Dorado Union High School District and their officers, directors, and employees and any property owners from whom the County has obtained construction easements harmless against and from any and all claims, suits, losses, damages, and liability for damages, including attorney's fees and other costs of defense brought for or on account of injuries to or death of any person, including but not limited to, workers and the public, or on account of injuries to or death of County employees, El Dorado Union High School District employees or any property owners from whom the County has obtained construction easements or damage to property, or any economic, consequential or special damages which are claimed or which shall in any way arise out of or be connected with Contractor's services, operations or performance hereunder, regardless of the existence or degree of fault or negligence on the part of the County, El Dorado Union High School District, or any property owners from whom the County has obtained a construction easement, the Contractor, subcontractors or employees of any of these, except for the active, or sole negligence of the County, El Dorado Union High School District or their officers and employees, and its agents servants and any property owners from whom the County has obtained a construction easement and or where expressly prescribed by statute.</p> <p>In those instances where the County has entered or will enter into agreements with adjacent property owners or has obtained "Rights of Entry" from private property owners upon whose property it will be necessary for Contractor to enter to perform</p>
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		<p>the Work to be done under the Contract, Contractor shall indemnify such property owners in the same manner and to the same extent as County is indemnified herein.</p> <p>The duty to indemnify and hold harmless the County specifically includes the duties to defend set forth in Section 2778 of the Civil Code. The insurance obligations of the Contractor are separate, independent obligations under the Contract Documents, and the provisions of this defense and indemnity are not intended to modify nor should they be construed as modifying or in any way limiting the insurance obligations set forth in the Contract Documents.”</p>
1.06	SP-63	<p>For Section 10-1.01 “Order of Work” of the special provisions: Replace the third paragraph on page SP-63 with: “Attention is directed to "Progress Schedule (Critical Path Method)" of these special provisions regarding the submittal of a general time-scaled logic diagram after the Notice of Award letter.”</p>
1.07	SP-66, SP-67, SP-70, SP-71, SP-82, and SP-83	<p>For Section 10-1.03 “Water Pollution Control” of the special provisions: Replace the second paragraph on SP-66 with: “Contractor shall not start work until SWPPP is accepted.”</p> <p>Replace the first paragraph under Submittals on SP-67 with: <u>“SWPPP acceptance</u></p> <ol style="list-style-type: none"> 1. Within 21 days after the date of the Notice of Award letter Contractor shall submit 3 copies of the SWPPP and allow 7 days for the Engineer's review. If revisions are required, the Engineer provides comments and specifies the date that the review stopped. 2. The Contractor shall change and resubmit the SWPPP within 7 days of receipt of the Engineer's comments. The Engineer's review resumes when the complete SWPPP is resubmitted. 3. When the Engineer accepts the SWPPP, the Contractor shall submit an electronic copy and 4 printed copies of the accepted SWPPP. 4. The Engineer submits the accepted SWPPP to the RWQCB for their review and comment. The Contractor shall allow 14 days for RWQCB review and comment. 5. If the Engineer requests changes to the SWPPP based on

		<p>RWQCB comments, the Contractor shall amend the SWPPP within 10 days.</p> <p>The Engineer will not postpone issuance of the Notice to Proceed if the Contractor's SWPPP submittal fails to meet the contract requirements requiring multiple submittals and reviews of its SWPPP.</p> <p>Under Water Pollution Control Manager on SP-70 add the following items to the list "At the job site, the WPC Manager must:"</p> <ol style="list-style-type: none"> 8. Be at the job site within 2 hours of being contacted 9. Have the authority to stop construction activities damaging WPC practices and causing water pollution <p>Delete item 5.3 Under Water Pollution Control Manager on SP-71.</p> <p>Replace the first sentence on SP-71 under STORM WATER POLLUTION PREVENTION PLAN (SWPPP) General with:</p> <p>"SWPPP work includes preparing a SWPPP, including a CSMP, providing a WPC Manager, and providing WPC training, obtaining SWPPP acceptance for the Engineer, amending the SWPPP, monitoring, inspecting, and reporting on WPC practices at the job site."</p> <p>Replace the first paragraph on SP-82 under PAYMENT with:</p> <p>"The contract lump sum price paid for prepare storm water pollution prevention plan includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in preparing, obtaining acceptance of the SWPPP, and amending the SWPPP and CSMP, including providing a WPC manager, conducting WPC training, monitoring, inspecting, and reporting water pollution control practices at the job site, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer."</p> <p>Add the following sentence as the ninth paragraph on SP-83:</p> <p>"The Department does not pay for the cleanup, repair, removal, disposal, or replacement of water pollution control practices due to improper installation or Contractor's negligence."</p>
1.08	SP-158, SP-160,	For Section 10-1.19 "Progress Schedule (Critical Path

	and SP-161	<p>Method) of the special provisions:</p> <p>Replace the second sentence of the third paragraph under COMPUTER SOFTWARE on SP-158 with: “Within 15 days after the date of the Notice of Award letter, the Contractor shall provide a commercial 8-hour training session for 2 Department employees in the use of the software at a location acceptable to the Engineer.”</p> <p>Replace the first sentence of the first paragraph under PRE-CONSTRUCTION SCHEDULING CONFERENCE on SP-160 with: “The Contractor shall schedule and the Engineer will conduct a pre-construction scheduling conference with the Contractor's project manager and construction scheduler within 15 days after the date of the Notice of Award letter.”</p> <p>Replace the first sentence of the second paragraph under PRE-CONSTRUCTION SCHEDULING CONFERENCE on SP-160 with: “Within 10 days after the date of the Notice of Award letter the Contractor shall submit a general time-scaled logic diagram displaying the major activities and sequence of planned operations and shall be prepared to discuss the proposed work plan and schedule methodology that comply with the requirements of these special provisions.”</p> <p>Replace the second paragraph under BASELINE SCHEDULE on SP-161 with: “The Contractor shall submit to the Engineer a baseline schedule within 20 days after the date of the Notice of Award letter. The Contractor shall allow 20 days for the Engineer's review after the baseline schedule and all support data are submitted. In addition, the baseline schedule submittal will not be considered complete until the computer software is delivered and installed for use in review of the schedule.”</p> <p>Replace the fourth paragraph under BASELINE SCHEDULE on SP-161 with: “The baseline schedule shall not extend beyond the number of working days specified in these special provisions. The baseline schedule shall have a data date of the date of the Notice of Award letter. If the Contractor starts work before contract approval, the baseline schedule must have a data date of the first day</p>
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		the Contractor performed any work activity, including submittals.”
1.09	SP-259	<p>For Section 10-3.13 “Controller Assemblies” of the special provisions:</p> <p>Replace the first two paragraphs on page SP-259 with: “The Engineer will provide timing and coordination plan(s) for programming the controller. The Contractor shall provide a signal timing technician certified by Naztec, Inc. to program timing and coordination plan(s) into controller(s).</p> <p>The Contractor shall provide up to five (5) modifications or changes to the programming of the controller, if so directed by the Engineer. Modifications of changes to the programming may be ordered at any time until acceptance of the contract or relief from maintenance.</p> <p>PRE-INSTALLATION TESTING</p> <p>The Contractor shall perform pre-installation testing of the controller(s) at a Naztec approved shop facility.</p> <p>The Contractor shall perform pre-installation testing under the direction of a Naztec certified technician, who will certify the results of the functional testing.</p> <p>If the supplied controller fails to pass the pre-installation testing, the Contractor shall supply a new controller and test in accordance with these special provisions.</p> <p>The Contractor shall test the controller using standard manufacturer’s testing procedures, including 8 vehicle phases and 4 pedestrian phases.</p> <p>The Contractor shall test the controller after entering project specific timing and coordination plan(s), Conflict Monitor Unit/Malfunction Management Unit (CMU/MMU) programming, I/O and detection channel programming.</p> <p>The Engineer has the option of being present for the pre-installation testing.</p> <p>The Contractor shall provide the Engineer with a certification for pre-installation testing indicating that the</p>

		controller is functioning within manufacturer's standards and is ready for installation.
		Delete the last paragraph of Section 10-3.13 .
1.10	SP268 through SP-271	Replace Section 10-3.24 "Traffic System Turn-On Procedures" in the special provisions with Attachment B attached to this Addendum.
1.11	Appendix B	Delete the DOT logo from the Project Information Sign.
1.12	C-7	In the draft Agreement replace " Terri Daly, Acting Clerk of the Board of Supervisors " with " James S. Mitrison, Clerk of the Board of Supervisors ".
1.13	C-11	Change Bid item "135" to Bid Item "134".
1.14	Plan sheet 17 of Project #66017 Plans	Replace the note "Keyway in firm earth material 15 feet minimum width at 2% inclination into native material per Geotech. Report prepared by EN GEO, INC." with "Keyway in firm earth material 15 feet minimum width at 5% inclination into native material per Geotech. Report prepared by EN GEO, INC."

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Holders who have already mailed their proposal can contact Janel Gifford at (email: Janel.Gifford@edcgov.us) to arrange return of their proposal.

Inform all suppliers and subcontractors as necessary.

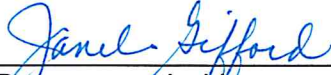
The DOT is only sending this addendum by posting on the following website: <http://www.edcgov.us/Government/DOT/Bids.aspx>.

If you are not a Contract Documents Holder, but request a set of documents to bid on this project, you must comply with the requirements of this addendum when submitting your bid.

Attachments:

Revised page after cover sheet	1 page
Attachment B – Section 10-3.24 Traffic System Turn-On Procedures	4 pages

End of Addendum No. 1



Recommended by:
Janel Gifford, P.E.
Office Engineer

5/30/13

Date



Approved by:
Kimberly A. Kerr, Director of Transportation
Acting Community Development Agency Director

5/31/13

Date

**COUNTY OF EL DORADO, CALIFORNIA
DEPARTMENT OF TRANSPORTATION**

**PROJECT #66106 GREEN VALLEY ROAD/SILVER SPRINGS PARKWAY
INTERSECTION
PROJECT #66107 SILVER SPRINGS PARKWAY REALIGNMENT ONSITE PHASE-2
PROJECT #66114 GREEN VALLEY ROAD/DEER VALLEY ROAD TURN LANES
JOINT TRENCH COMPOSITE DRAWING FOR SILVER SPRINGS UNIT #1**

October 30, 2012

**Contract: PW 09-30470
CIP NOS. 76107 & 76114**

The various portions of the Contract Documents have been prepared under the direction of the following licensed Civil Engineer(s), in accordance with California Business and Professions Code § 6735.

ROADWAY IMPROVEMENTS:



El Dorado County Department of Transportation
Registered Civil Engineer



TRAFFIC SIGNAL IMPROVEMENTS:



El Dorado County Department of Transportation
Registered Civil Engineer



10-3.24 TRAFFIC SYSTEM TURN-ON PROCEDURES

The Contractor shall coordinate with the Engineer to schedule a pre-turn-on meeting to discuss the requirements and procedure.

The Contractor shall provide a Naztec certified technician to observe, analyze, repair, reprogram, or address any controller related issues that may arise in the field at the time the signal equipment is turned on. Local turn-on support services for Naztec controllers may be obtained from Western Pacific Signal, (510) 276-6400.

The Contractor shall coordinate a traffic signal turn on date with the Engineer and at least 21 calendar days in advance, but no sooner than 42 calendar days in advance of the anticipated turn-on date.

The Contractor shall include a schedule of coordinated activities specifying the dates that the signing, striping and pavement markings will be completed in advance of the turn on date.

On the day of the turn-on, the Engineer will determine the exact time of the turn-on.

The Contractor shall obtain written approval from the Engineer confirming the turn-on date.

The Contractor shall not turn on the traffic signals during rainy or foggy weather.

The Contractor shall not turn on traffic signals on a Monday, Friday or within three (3) days prior to any holiday, unless directed to do so in writing by the Engineer.

The following entities or designated representative are required to be present during traffic signal turn on:

- Prime Contractor
- Electrical subcontractor(s)
- Naztec certified technician
- Engineer

The Contractor shall not turn on traffic signals until all signing, striping and pavement markings are in place.

The Contractor shall not make any changes or modifications to the traffic signal turn-on procedure unless directed to do so in writing by the Engineer.

1. The Contractor shall turn the controller unit off prior to performing subsequent procedures 2 through 4. The Contractor shall perform these tests in the presence of the Engineer.

2. The Contractor shall check all signal lighting circuits.
 - a. Remove all load switches (model 200) and the flasher units (model 204).
 - b. Check each individual signal field circuit by applying 120 volts AC to the field terminal of each indication.
 - c. Verify that all indications that should be “on” are “on” and that all indications that should be “off” remain “off”. **Signal Indications must remain covered.**
 - d. Cut small holes in the covers if necessary to verify signal lighting circuit operation.
3. **The Contractor shall check luminaires (street lighting). The Contractor shall not turn on traffic signals unless all luminaires are functioning properly.**
 - a. Check power pedestal to assure that switch for luminaires is set to “AUTO”.
 - b. Cover the photoelectric cell and verify that all luminaires turn on.
 - c. Remove cover from photoelectric cell verifying that luminaires turn off.
 - d. Set switch in power pedestal to the “TEST” position and verify that all luminaires turn on.
 - e. Set switch back to “AUTO”.
 - f. Luminaire Burn-In - If luminaires function properly, set switch to “TEST” position for a period of at least two weeks to allow “burn in” of luminaires. This period may occur after the signals have been turned on.
4. **The Contractor shall check all detector circuits.**
 - a. Test all detector loops for continuity and resistance to ground. Resistance to ground shall exceed 100 meg ohms.
 - b. Document test results and provide a copy to the Engineer within 7 days of completion.
 - c. Provide a vehicle and driver to test functionality of all vehicle detector loops. Observe and document cabinet indications and responses in the presence of the Engineer.
 - d. Demonstrate functionality of pedestrian push button circuits by activating the pedestrian push buttons. Observe and document cabinet indications and responses in the presence of the Engineer.
5. **Signing, striping and pavement markings.**
 - a. The Contractor shall place traffic stripes and pavement markings (except “Signal Ahead Markings”) prior to signal turn on. **The Contractor shall place traffic stripes and pavement markings on a Monday, Tuesday or Wednesday and at least five (5) business days prior to any County observed holiday.**
 - b. The Contractor shall place limit lines and cross walks on the day of traffic signal turn on. The Contractor may place limit lines and cross walks prior to

the day of traffic signal turn on if there is a stop sign installed or if the signal indications are placed and covered. The Contractor shall not place limit lines and cross walks sooner than 5 working days prior to the scheduled traffic signal turn on date.

- c. The Contractor shall place "Signal Ahead" markings on the day of, or the day after traffic signal turn on.
- d. The Contractor shall place all signing prior to traffic signal turn on. The Contractor shall cover any signs associated with traffic signals until traffic signals are turned on.
- e. If so ordered by the Engineer, the Contractor shall place interim signing, traffic control devices and/or safety measures until traffic signals are turned on.
- f. If signing, striping and pavement markings (with exceptions noted herein) are not in place the day prior to the scheduled traffic signal turn on date, the Contractor shall coordinate and re-schedule the traffic signal turn-on with the Engineer.

6. Final turn-on procedure.

The Contractor shall obtain prior written approval from the Engineer to perform the final turn-on procedure, and shall perform all steps in the presence of the Engineer.

- a. Remove the conflict monitor and verify that it has been tested and that the correct and properly tested diode board is installed. This is accomplished by reviewing the accompanying test printout strip and assuring that the program board is properly configured for the indicated intersection. The test strip must be signed or initialed by the Naztec certified technician. **The intersection may not be turned on without the presence of a certified CMU/MMU test strip.**
- b. Check to verify that the timing plan has been properly entered into the Controller.
- c. Remove covers from signal heads.
- d. Place signal into flashing operation.
- e. Remove all covers from signs associated with traffic signals, and remove any interim signing or safety measures that may have been put in place and would be in conflict with traffic signal operation.
- f. Remove all existing STOP signs.
- g. Place signals into automatic operation, and observe traffic signal operation for a minimum of two (2) hours.
- h. Identify deficiencies cooperatively with the Engineer, correct deficiencies and make adjustments until released by the Engineer.

- i. The Engineer may order you to turn off the traffic signals if the Engineer determines that public safety is compromised. If so ordered, you must replace all covers on signal indications and signing, and place any additional traffic control devices as directed by the Engineer.
- j. Remove any remaining temporary traffic control devices rendered unnecessary by signal operation.