

COUNTY OF SONOMA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
2300 COUNTY CENTER DRIVE, SUITE B 100
SANTA ROSA, CALIFORNIA 95403

Phillip M. Demery, Director



AREA CODE (707)
ROADS 565-2231
TRANSIT 585-7516
REFUSE 565-7940
AIRPORT 565-7243
AIR POLLUTION..... 433-5911
FAX 565-2620
www.sonomacountypublicworks.com

January 6, 2009

NOTICE TO PLANHOLDERS
FOR CONSTRUCTION OF

RIVER ROAD SLIDE REPAIR
(COUNTY ROAD NO. 8802B)

P.M. 14.19

FEDERAL AID PROJECT NO. ER-4442(086)

COUNTY PROJECT NO. C07006

ADDENDUM NO. 1

I. CHANGES TO THE SPECIAL PROVISIONS

Page SP-1 "NOTICE TO BIDDERS": Delete the 2nd and 3rd paragraphs and replace them with the following two paragraphs:

Approximately 170 trees will have to be removed before the earth moving operations can begin. If nesting birds are present, the trees cannot be removed until the birds abandon the nests. Nesting season typically begins February 15th and runs through the end of August.

The Contractor's attention is directed to Section 8-1.03, "Beginning of Work," of the Standard Specifications. The Contractor may elect to begin work prior to the issuance of the Notice to Proceed. If the Contractor elects to begin tree clearing prior to the Notice to Proceed, the Department will work cooperatively to issue an encroachment permit to allow an early start. No working days will be counted for work prior to the Notice to proceed. An Encroachment Permit application (1 page) is attached to this Addendum No. 1 as Attachment 1.

Page SP-2 "NOTICE TO BIDDERS": The penultimate paragraph is amended to read: Liquidated damages in the amount of Six-Thousand, Four-Hundred Dollars (\$6,400.00) will be assessed for each and every calendar day's delay in finishing the work in excess of the number of working days prescribed in the contract.

Pate SP-22 Section 5-1.27 Compensation Adjustments for Price Index Fluctuations (Asphalt Concrete): In the first paragraph, the Item Code number within the table is amended to read: 390112A.

Page SP-45 The last sentence of the first paragraph is amended to read: The Progress Schedule will include the sequence of events to be performed by the Contractor to ensure that the tree canopies to be removed and disposed of under Section 10-1.15, "Clearing and Grubbing," of these Special Provisions will be removed by February 15, 2009, in order to prevent birds from nesting in the trees.

Page SP-45 The first sentence of the second paragraph is amended to read as follows: Attention is directed to Section 5-1.40, "Environmentally Sensitive Areas,"; Section 10-1.06, "Temporary Fence (ESA),"; and Section 10-1.18A, "Storm Water Pollution Prevention Plan," of these Special Provisions.

Page SP-59 The three paragraphs under "PAYMENT" at the top of the page are amended to read as follows:

Removal of the existing asphalt concrete surfacing and underlying base material shall be paid for as Roadway Excavation and shall become surplus material in accordance with Section 10-1.17 "Earthwork," of these Special Provisions.

Paving Asphalt (Asphalt Concrete) shall be paid for per ton in conformance with the provisions of Section 10-1.20A "General," of these Special Provisions.

Aggregate (Type A, A.C. ½" max grading and ¾" max grading) shall be paid for per ton in conformance with the provisions of Section 10-1.20A "General," of these special Provisions.

Page SP-63 The second paragraph under Section 10-1.17 "Earthwork," is amended to read as follows:

The Contractor's attention is directed to Section 5-1.39 "Aerially Deposited Lead,"; Section 10-1.01 "Order of Work,"; and Section 10-1.03 "Obstructions," of these Special Provisions.

Page SP-63 The last sentence of the last paragraph of Section 10-1.17A "Material Containing Aerially Deposited Lead," is amended to read as follows:

It shall be the responsibility of the Contractor to determine the lead content of the soils at this location prior to performing any excavation in conformance with the provisions of Section 10-1.17F (4) "Disposal," of these Special Provisions.

Page SP-63 Section 10-1.17A "Material Containing Aerially Deposited Lead," is amended by adding the following:

LEAD COMPLIANCE PLAN

The Contractor shall prepare a project specific Lead Compliance Plan to prevent or minimize worker exposure to lead while handling material containing lead. Attention is directed to Title 8, California Code of Regulations, Section 1532.1, "Lead," for specific Cal-OSHA requirements when working with lead.

The Lead Compliance Plan shall contain the elements listed in Title 8, California Code of Regulations, Section 1532.1(e)(2)(B). Before submission to the Engineer, the Lead Compliance Plan shall be approved by an Industrial Hygienist certified in Comprehensive Practice by the American Board of Industrial Hygiene. The Plan shall be submitted to the Engineer at least 7 days prior to beginning work in areas containing lead.

Prior to performing work in areas containing lead, personnel who have no prior training, including County personnel, shall complete a safety training program provided by the Contractor, that meets the requirements of Title 8, California Code of Regulations, Section 1532.1, "Lead," and the Contractor's Lead Compliance Program.

Personal protective equipment, training, and washing facilities, required by the Contractor's Lead Compliance Plan shall be supplied to County personnel by the Contractor. The number of County personnel will be 2.

If the Contractor chooses to dispose of the material at a commercial landfill, the Contractor shall transport it to a Class II or Class III landfill appropriately permitted to receive the material. The Contractor shall be responsible for identifying the appropriately permitted landfill to receive the material and for all associated disposal costs including any additional sampling and analysis required by the receiving landfill. If the Contractor chooses to use the material at a construction project outside the Caltrans right of way, the Contractor shall comply with the requirements specified in Section 7-1.13 of the Standard Specifications.

Full compensation for conforming to the requirements of this section, except for the Lead Compliance Plan, shall be considered as included in the prices paid for the various contract items of work involved and no additional compensation will be allowed therefor.

The contract lump sum price paid for Lead Compliance Plan shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in preparing the Lead Compliance Plan, including paying the Certified Industrial Hygienist, and for providing personal protective equipment, training and medical surveillance, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Page SP-64 Section 10-1.17D "Payment," is amended to read as follows:

The contract unit price paid per cubic yard for Roadway Excavation shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in performing roadway excavation work completely as shown on the plans including hauling and disposal of the surplus material in conformance with the provisions of Section 7-1.13 "Disposal Of Material Outside The Highway Right Of Way," of the Standard Specifications.

Page SP-66 10-1.17F(4) "Disosal," is amended to read: 10-1.17F(4) "Disposal."

Pages SP-68 and SP-69 Subheading 1. at the bottom of page SP-68 under Section 10-1.18A "Storm Water Pollution Prevention Plan," is amended to read as follows:

1. The Contractor shall include the following minimum quantities of water pollution control measures. The minimum items of water pollution control measures as follows:

Temporary Drainage Inlet Protection	EA
Temporary Silt Fence	LF
Check Dams	EA

Page SP-81 The first paragraph of Section 10-1.20A” GENERAL” is amended to read as follows:

Paving Asphalt shall be PG 64-16 for the leveling and surface course over the eastbound lane resurfacing and for the asphalt concrete pavement for the access road, the catchment bench and the A.C. dike. For asphalt concrete used for Replace Asphalt Concrete Surfacing, paving asphalt shall be PG 70-10.

Page SP-90 The first paragraph under Section 10-1.20G “Place Asphalt Concrete Dike,” is amended to read as follows:

Asphalt Concrete for constructing asphalt concrete dike shall be Type A as described in Section 10-1.20 “Asphalt Concrete,” of these Special Provisions.

Page SP-92 Delete last paragraph.

Page SP-93 Delete last paragraph.

Page SP-95 Section 10-1.29 is amended to read as follows:

10-1.29 REINFORCED CUT SLOPE WITH SHOTCRETE SLOPE PAVING SYSTEM: Reinforced Cut Slope with Shotcrete Slope Paving System shall consist of applying shotcrete to the 1H: 1V slope including the top of cut ditch at shotcrete as shown on the contract plans. The shotcrete shall be spread over the Rock Dowels with post tensioned lock-off assemblies, the galvanized 4" X 4" W4 X W4 Welded Wire Fabric, the 5/8" epoxy coated pins in grouted hole and the prefabricated composite drains with weepholes, all in accordance with the details and dimensions as shown on the plans.

Shotcrete shall conform to the provisions in Section 53, "Shotcrete," of the Standard Specifications and these Special Provisions.

10-1.29A SURFACE TREATMENT: The surface of the shotcrete shall be textured in such a manner that the visibility of the shotcrete surface, from the road or the river beaches below, will have a natural appearance and will discourage graffiti.

The top of the 6" shotcrete slope paving shall be sculpted and contoured with additional material to provide an irregular surface of mounds and depressions not to exceed 3" above the top surface of the 6" design depth of the shotcrete. The placement of shotcrete with its irregular undulations of mounds and valleys will serve to mask the monotony of the uniform dimples resulting from high points on the shotcrete where shotcrete is formed over the many lock off assemblies.

10-1.29B PREPARE AND STAIN SHOTCRETE: This work shall consist of preparing and staining the finished shotcrete surface in conformance with the provisions in Section 59-6, “Painting Concrete,” of the Standard Specifications and these Special Provisions.

Concrete stain shall be a water-based solution of metallic salts that penetrate and react with concrete to produce insoluble, abrasion-resistant color deposits. The stain shall contain dilute acid to etch concrete surfaces so that the staining ingredients can penetrate the concrete. Concrete stain shall be formulated and applied so that the final color of the stained concrete conforms to, and is compatible with, the colors displayed by the bedrock lying below and adjacent to the sculpted shotcrete.

A test panel at least 4' x 4' shall be completed and approved by the Engineer prior to beginning work on sculpting and staining the shotcrete. The test panel shall be constructed, finished, and stained with the materials, tools, equipment, personnel, and methods to be used in constructing, finishing, and staining the shotcrete surface. Additional test panels may be ordered by the Engineer until the specified finish, texture, and color are obtained.

The test panel approved by the Engineer shall be used as the standard of comparison in determining acceptability of the sculpting and staining of the shotcrete surface.

The Contractor shall submit a copy of the stain manufacturer's recommendations and written application instructions to the Engineer not less than 7 days before applying shotcrete stain to test panels.

New shotcrete surfaces to be stained shall be cured in conformance with the provisions in Section 90-7.03, "Curing Structures," of the Standard Specifications and these Special Provisions.

Immediately before commencing work, the Contractor shall test the shotcrete surface to be stained for acceptance of stain in conformance with the manufacturer's recommendations. Areas that resist accepting stain shall be cleaned as approved by the Engineer.

The Contractor shall apply the concrete stain in conformance with the manufacturer's recommendations and these Special Provisions. The stain shall be applied uniformly, working to avoid excessive rundown. The stain shall be worked into the shotcrete surface in circular motions with a nylon-bristled brush. Drips, puddles, or other irregularities shall be worked into the shotcrete.

After the last coat of stain has dried, the Contractor shall rinse stained surfaces with water and wet scrub surfaces with a stiff bristled nylon brush until the rinse water runs clear.

The Contractor shall protect adjacent surfaces during concrete staining operations.

4" X 4", W4 X W4 Welded Wire Fabric shall conform to the provisions of Section 52-1.02C "Welded Wire Fabric" of the Standard Specifications and these Special Provisions.

Grout, Rock Dowels and Post Tension Lock-off Assemblies shall conform to the provisions for Grout, Rock Dowels and Post Tension Lock-off Assembly in Section 10-1.30 "Reinforced Cut Slope with Rockfall Protection Netting System" of these Special Provisions.

5/8" pins (#5 rebar) shall be epoxy coated and shall conform to the provisions of Section 52-1.02A "Bar Reinforcement" of the Standard Specifications and these Special Provisions.

The contractor may use a composite prefabricated drain provided by the manufacturers indicated below or an alternate manufactured drain product may be submitted to the engineer for prequalification and approval.

Carlisle Coatings & Weatherproofing, Inc.

900 Hensley Lane
Wylie, TX 95098
Phone: 800-527-7092
Fax: 972-442-0076
e-mail: www.carlisle-ccw.com
Use: **CCW- MiraDRAIN 5000**

JDR Enterprises Inc.

292 South Main St. Suite 200
Alpharetta, Georgia 30004-1950
Phone: 770-442-1461
Fax: 770-664-7951
e-mail: info@j-drain.com
Use: **j-Drain 420**

Grace Construction Products

Hydroduct Drainage Composites
62 Whittmore Ave.
Cambridge, MA 02140
Phone: 866-333-3726
Fax: 617-498-4311
e-mail: www.graceconstuction.com
Use: **Hydroduct 220**

10-1.29C MEASUREMENT AND PAYMENT: The contract price paid per Square Yard for Shotcrete shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved in placing Shotcrete, complete in place as shown on the plans, including constructing the top of ditch at Shotcrete, preparing subgrade on the cut slope, furnishing and installing the composite prefabricated drains, installing the 4' PVC connector pipe weepholes, drilling holes and grouting in the 5/8" rebar pins, installing the whalers, providing the surface treatment including staining the Shotcrete and providing the test panels and for doing all the work complete in place as shown on the plans, as specified in the Standard Specifications and these Special provisions and as directed by the Engineer.

The contract price paid per square yard for 4" X 4", W4 X W4 Welded Wire Fabric shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved in placing and spreading 4" X 4", W4 X W4 Welded Wire Fabric complete in place as shown on the plans, as specified in the Standard Specifications and these Special provisions and as directed by the Engineer.

Rock Dowels and Post Tension Lock-Off Assemblies shall be measured and paid for in accordance with Section 10-1.30I, "Measurement and Payment," of these Special Provisions.

Page SP-112 Delete the second and third paragraph from the top of the page which is also the last and penultimate paragraphs of Section 10-1.34 "Subgrade Enhancement Fabric."

Page SP-113 The first paragraph of Section 10-1.38 “Rock Slope Protection,” is amended to read as follows:

Rock Slope Protection (Backing No.2, Method B) and Rock Slope Protection (Light Method B) shall be constructed at the locations and to the dimensions shown on the plans in conformance with the provisions of Section 72, “Slope Protection,” of the Standard Specifications.

Page SP-113 The sentence under “Measurement” is amended to read as follows:

Rock Slope Protection (Backing No. 2, Method B) and Rock Slope Protection (Light Method B) shall be paid for by the cubic yard.

Page SP-113 The paragraph under “Payment,” is amended to read as follows:

The contract price paid per cubic yard for Rock Slope Protection (Backing No. 2, Method B) and Rock Slope Protection (Light Method B) shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved in constructing Rock Slope Protection (Backing No.2, Method B) and Rock Slope Protection (Light Method B) complete in place including performing excavation or embankment as needed and furnishing and installing engineering fabric, all as shown on the plans, as specified in the Standard Specifications and these Special Provisions and as directed by the Engineer.

Page SP-118 The Specifications for “Terminal System (Type SRT),” are included herein and shall be added to Section 10. CONSTRUCTION DETAILS of these Special Provisions as Section 10-1.42 “Terminal System (Type SRT).”

The Terminal System (Type SRT) shall be constructed to the line and grade and to the Dimensions shown on the plan entitled “Metal Beam Railing Terminal System (Type SRT).”

The contract unit price paid per each for “Terminal System (Type SRT)” shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved in the installation of the system, complete in place as shown on the plans including connecting to the existing guardrail, making adjustments in the field as necessary to maintain plan dimensions for the height of rail element and doing all the work necessary for the installation of the system as shown on the plan, as specified in the Standard Specifications and these Special Provisions and as directed by the Engineer.

II. CHANGE TO THE PLANS:

Title Sheet 1 of 55: Federal Aid Project No. is amended to read: ER-4442(086).

Sheet 7 of 55; Lower left corner, Detail 2, GEOGRID REINFORCED TOE BRUTTRESS AND CATCHMENT BENCH SECTION: Note referring to Uniaxial Geogrid which reads: “UNIAXIAL GEOGRID EVERY 3' (VERTICALLY) Min. width 20” is amended to read: “UNIAXIAL GEOGRID EVERY 3' (VERTICALLY) AND SHALL EXTEND FROM THE 1:1 FACE OF THE BUTTRESS TO THE FILTER FABRIC CONTAINING THE CI.2 PERMEABLE MATERIAL (BLANKET).”

Sheet 8 of 55; upper right hand corner; Rock Dowel Detail: The Rock Dowel Detail note that reads: “EPOXY COATED ALL THREAD STEEL BAR” is amended to read as follows: “ALL THREADED STEEL BAR.”

(NOTE: Rock dowels shall **not** be epoxy coated)

III. CHANGE TO THE COPY OF BID ITEM LIST:

Pages SP-4 and SP-5 have been amended. See Attachment 2, Add1-SP-4 and Add1-SP-5

IV. CHANGES TO THE BIDDER’S BOOK:

Pages BB-4 and BB-5 have been amended. See Attachment 3, Add1-BB-4 and Add1-BB-5

Pages BB-23, BB-24 and BB-25 have been amended. See Attachment 4, Add1-BB-23, Add1-BB-24 and Add1-BB-25

V. CHANGES TO THE FEDERAL WAGE RATES:

The Federal Wage Rates included in the Special Provisions Book were updated on January 2, 2009. The updated Federal Wage Rates are included in Attachment 5.

Please fill out the Addendum Acknowledgement sheet on page BB-6 of the Bidder’s Book verifying your receipt of this Addendum and submit with your bid.

Jack Cunningham
Project Engineer

Attachments (4):

Attachment 1: Encroachment Permit (Add1 – 1 of 1)

Attachment 2: Amended Bid Item List (Add1-SP-4 and Add1-SP-5)

Attachment 3: Amended Engineer’s Estimate (Add1-BB-4 and Add1-BB-5)

Attachment 4: Amended Engineer’s Estimate (Add1-BB-23, Add1-BB-24 and Add1-BB-25)

Attachment 5: Federal Wage Rates updated January 2, 2009