



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 5, 2006

SUBJECT: FAP Route 315
Project NHF-0315(046)
Section 55-2
McDonough County
Contract No. 68205
Item No. 178, June 16, 2006 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised page 8 of the Schedule of Prices.
2. Revised page v of the Table of Contents to the Special Provisions.
3. Added pages 299-303 to the Special Provisions.
4. Revised page 24 of the Special Provisions.
5. Revised sheets 1, 3, 9 and 53 of the Plans.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Michael L. Hine
Engineer of Design
and Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger' followed by a small 'P.E.' monogram.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

cc: J. E. Crowe, Region 3, District 4; Roger Driskell;
Estimates; Design & Environment File

RS/cab

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 68205

State Job # - C-94-013-02
 PPS NBR - 4-44400-0200
 County Name - MCDONOUGH- -
 Code - 109 - -
 District - 4 - -
 Section Number - 55-2

Project Number
 NHF-0315/046/

Route
 FAP 315

| Item Number | Pay Item Description | Unit of Measure | Quantity | x | Unit Price | = | Total Price |
|--------------------------|-----------------------|-----------------|-------------|---|------------|---|-------------|
| 28400100 | GABIONS | CU YD | 152.000 | | | | |
| 28500100 | FAB FORM CONC REV MAT | SQ YD | 558.000 | | | | |
| 30103000 | SHAPING & GRAD RDWAY | UNIT | 29.000 | | | | |
| 30200650 | PROCESS MOD SOIL 12 | SQ YD | 378,790.000 | | | | |
| 30201250 | PROCESS MOD SOIL 24 | SQ YD | 3,736.000 | | | | |
| 30201500 | LIME | TON | 8,604.000 | | | | |
| 31100910 | SUB GRAN MAT A 12 | SQ YD | 14,152.000 | | | | |
| 31100935 | SUB GRAN MAT A 18 | SQ YD | 8,510.000 | | | | |
| 31100965 | SUB GRAN MAT A 24 | SQ YD | 6,206.000 | | | | |
| * DELETED | | | | | | | |
| * 31101900 | SUB GRAN MAT C | TON | 82,724.000 | | | | |
| 35100700 | AGG BASE CSE A 8 | SQ YD | 26,836.000 | | | | |
| 35101800 | AGG BASE CSE B 6 | SQ YD | 6,454.000 | | | | |
| 35102000 | AGG BASE CSE B 8 | SQ YD | 3,654.000 | | | | |
| 40200700 | AGG SURF CSE A 8 | SQ YD | 7,109.000 | | | | |
| 40200800 | AGG SURF CSE B | TON | 3,897.000 | | | | |
| * REVISED : MAY 30, 2006 | | | | | | | |

SUPERPAVE BITUMINOUS CONCRETE MIXTURES (BDE)..... 171

SURFACE TESTING OF PAVEMENTS (BDE) 178

SUSPENSION OF SLIPFORMED PARAPETS (BDE) 184

TEMPORARY CONCRETE BARRIER (BDE) 185

TEMPORARY EROSION CONTROL (BDE) 187

TRAFFIC BARRIER TERMINALS (BDE) 188

TRAFFIC CONTROL DEFICIENCY DEDUCTION (BDE) 189

TRAINING SPECIAL PROVISIONS 190

TRUCK BED RELEASE AGENT (BDE) 192

WEIGHT CONTROL DEFICIENCY DEDUCTION..... 192

WORK ZONE SPEED LIMIT SIGNS (BDE) 194

WORK ZONE TRAFFIC CONTROL DEVICES (BDE) 195

STEEL COST ADJUSTMENT (BDE)..... 196

CLEANING AND PAINTING NEW METAL STRUCTURES..... 200

UNDERWATER STRUCTURE EXCAVATION PROTECTION 206

PIPE UNDERDRAINS FOR STRUCTURES 207

POROUS GRANULAR EMBANKMENT (SPECIAL) 208

PROTECTIVE COAT 208

STORM WATER POLLUTION PREVENTION PLAN..... 210

AGREEMENT 218

404FS PERMIT 230

404 PERMIT 271

INDR..... 298

CONTRACT GUARANTEE 299

ELECTRICAL SERVICE INSTALLATION 299

LIGHTING CONTROLLER PHOTOCELL RELAY 300

LIGHT POLE FOUNDATION, METAL, 15" B.C. 8" X 6", 301

LIGHT POLE FOUNDATION, METAL, 15" B.C. 8" X 8" 301

BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN 301

REMOVAL OF TEMPORARY LIGHTING UNITS..... 302

WOOD LIGHTING POLE, 55FT., CLASS 3..... 302

CONDUIT PUSHED, 2" INTERMEDIATE METAL..... 303

CONDUIT PUSHED, 3" INTERMEDIATE METAL..... 303

CONTRACT GUARANTEE

The Contractor shall guarantee all electrical equipment, apparatus, materials, and workmanship provided under the contract for a period of 6 months after the date of final inspection according to Article 801.07.

All instruction sheets required to be furnished by the manufacturer for materials and supplies and for operations shall be delivered to the Engineer prior to the acceptance of the project, with the following warranties and guarantees:

1. The manufacturer's standard written warranty for each piece of electrical equipment or apparatus furnished under the contract.
2. The Contractor's written guarantee that, for a period of 6 months after the date of final inspection of the project, all necessary repairs to or replacement of said warranted equipment, or apparatus shall be made by the Contractor at no cost to the Department.
3. The Contractor's written guarantee for satisfactory operation of all electrical systems furnished and constructed under the contract for a period of 6 months after final inspection of the project.

ELECTRICAL SERVICE INSTALLATION

This work shall be in accordance with Section 804 and 1085 of the Standard Specifications except as modified herein.

The service installation shall include furnishing and installing a wood service pole and associated appurtenances.

Galvanized steel conduit shall be used for the service riser. The use of PVC conduit will not be allowed.

A rain tight hub assembly (Myers type) shall be used when conduit enters the switch from the top of the disconnect.

The service disconnect enclosure shall be a stainless steel, weatherproof NEMA 4X enclosure that meets the following specifications:

60-Ampere (250 V) Minimum Fused Disconnect Switch: Unless indicated otherwise on the plan sheets, the fused disconnect switch shall be single-throw, three-wire (two poles, two fuses, and solid neutral). The switch shall provide for locking the blades in either the "On" or "Off" position with one or two padlocks and for locking the cover in the closed position. The disconnect switch and fuse rating shall be rated at the voltage and amperage required to comply with utility company and equipment requirements. All fuses shall be provided with the disconnect installation.

Added 6/5/06

The Department will furnish all padlocks.

Basis of Payment:

This work will be paid for at the contract unit price each for ELECTRIC SERVICE INSTALLATION which shall be payment in full for all labor, equipment, and materials required to provide the electrical service installation described above, complete.

LIGHTING CONTROLLER PHOTOCELL RELAY

This item consists of furnishing and installing a photocell relay as shown in the plans or as directed by the Engineer. The photocell relay shall be mounted on the service disconnect pole. This pay item includes the photocell, lighting controller, all cable, conduit, ground rod, and all hardware required to complete the installation.

The relay cabinet shall be of unpainted sheet or cast aluminum, approximately 18" x 12" x 8" (L x W x H) outside dimensions. It shall have a continuous hinged sheet aluminum door with standard police lock and key. The cabinet shall include hangers, plates, and other hardware necessary for mounting. All conduit connections shall be in the bottom and consist of slip joints with insulated bushings. The assembly shall be weatherproof.

The two pole contactor shall be capable of carrying and controlling at least 30 amperes (60 amperes for IL 336 & US 136) at 240 volts, 60 cycles of lighting load. The 120 volt operating coil shall close the contacts when energized at 96 volts or more and hold them close until the voltage drops below 72 volts.

The photocell relay shall include one 30 Amp (60 Amp for IL 336 & US 136) two-pole main breaker to facilitate power turn off at the cabinet, two 20 Amp (one 40 Amp and one 20 Amp for IL 336 & US 136) branch two-pole breakers for the lighting circuits, and one 15 Amp one-pole control circuit breaker. The photocell relay shall be equipped with additional surge suppression for the control circuit (photocell, selector switch, and contactor). The additional surge suppressor shall meet or exceed the following minimum specifications:

| | |
|-----------------------------|--|
| Peak Current (8x20us): | 20,000 Amp |
| Occurrences: | 20 times minimum @ peak current |
| Clamp Voltage: | 340 volts @ 20kA (Tested with MAIN NEUTRAL strapped to ground) |
| Response Time: | voltage never exceeds 340 volts during surge |
| Series Inductance: | 200uh |
| Continuous Service Current: | 10 Amps Max (120 VAC, 60 Hz) |
| Temperature Range: | -40C to +85C |

A three-position manual control switch shall be included with positions marked HAND, OFF, AUTO on an engraved plastic cover plate. It shall include a lightning surge protector or expulsion gaps designed to bypass lightning surges.

Added 6/5/06

The equipment mounting panel shall be 1/4" Arboron Material and all power wiring shall be RHH/RHW 600V. The control circuit wiring shall be #12 MTW and all connector screws shall be painted white for neutral bus, green for ground bus. All control wiring shall be stranded and marked with brady markers.

The photocell shall be mounted on top of the lighting controller. The photocell shall have a hermetically sealed cadmium sulfide element arranged so that it can be adjusted to "turn on" at 1.5± .5 foot-candles. "Turn-off" shall occur only after the light level has exceeded "turn-on" value by two or more foot-candles for not less than .10 seconds. The circuitry shall include surge protection, turn the lights on in case of failure, operate on any input voltage from 105 to 260 volts, and control 10 amperes at 120 volts. The case shall be weatherproof, made of glass or plastic and designed to plug into a locking type socket, NEMA 3-pin. The photocell shall be equipped with a time delay feature to prevent turn off.

The conduit shall enter the relay only at the bottom. Cable size shall be number 6.

Basis of Payment: This work will be paid for at the contract unit price each for LIGHTING CONTROLLER PHOTOCELL RELAY which price shall be payment in full for all labor, materials, and equipment required to furnish and install the photo control relay, mounting hardware, conduit, wiring, and photoelectric cell.

**LIGHT POLE FOUNDATION, METAL, 15" B.C. 8" X 6",
LIGHT POLE FOUNDATION, METAL, 15" B.C. 8" X 8"**

This work shall be in accordance with Sections 836, 1070, 1087 and 1088 of the Standard Specifications except as modified herein.

The conduit entryways and all other openings shall be filled with pea-gravel to prevent rodent intrusion. The foundation shall be installed so that the final height of the foundation with the light pole installed does not exceed four inches per AASHTO standards.

Basis of Payment:

The above work will be paid for at the contract unit price each for LIGHT POLE FOUNDATION, METAL, 15" B.C., 8" x 6" or LIGHT POLE FOUNDATION, METAL, 15" B.C., 8" x 8" and shall be payment in full for installing the foundations described above, complete.

BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN

This work shall be in accordance with Sections 830, 838, 1069 and 1070 of the Standard Specifications except as modified herein.

The breakaway couplings shall be 1" diameter galvanized steel couplings and be coordinated to match the light pole foundation. The use of aluminum breakaway couplings will not be allowed.

Added 6/5/06

All breakaway couplings shall be installed level and flush against the existing concrete foundation. The breakaway couplings shall be installed on the anchor rod according to the manufacturer's recommendations. The coupling installation shall not be used to level the pole base.

Breakaway couplings shall be manufactured from galvanized steel. Certification shall be submitted from the supplier that the device used under the conditions of the particular design meets the AASHTO breakaway specification. Certification shall include test results performed by the manufacturer, supplier or others. If test results have been previously approved by a letter from the FHWA, a copy of the approval letter from FHWA should accompany the certification. The coupling shall not alter the bolt circle of the pole. The breakaway device shall be vandal resistant and shall not adversely affect the light pole installation and maintenance or decrease the resistance of the light pole to non-collision type of design loading. The breakaway device shall be field attachable and detachable.

Basis of Payment: This work will be paid for at the contract unit price each for BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN and shall be payment in full for all labor, materials, and equipment required to furnish and install the breakaway coupling described above.

REMOVAL OF TEMPORARY LIGHTING UNITS

This work shall be in accordance with Section 895 of the Standard Specifications except as modified herein.

All temporary wood light poles and luminaires shall be removed and delivered to IDOT facility located at 710 180th Avenue, Monmouth IL 61462. The Contractor shall contact Randy Hartz at (309) 734-2912 forty-eight hours prior to delivery.

Basis of Payment: This work will be paid for at the contract unit price each for REMOVAL OF TEMPORARY LIGHTING UNITS and shall be payment in full for removing and transporting the equipment described above, complete. No additional compensation will be allowed.

WOOD LIGHTING POLE, 55FT., CLASS 3

This work shall be in accordance with Section 873 of the Standard Specifications except as modified herein.

The Contractor shall furnish and install guy wires and cable supports as required.

Basis of Payment: This work will be paid for at the contract unit price each for WOOD LIGHTING POLE, 55 FT., CLASS 3 and shall be payment in full for furnishing, installing, and removing and transporting the equipment described above, complete.

Added 6/5/06

**CONDUIT PUSHED, 2" INTERMEDIATE METAL
CONDUIT PUSHED, 3" INTERMEDIATE METAL**

This work shall be in accordance with Sections 810 and 1088 of the Standard Specifications except as modified herein.

The Contractor will have the option of installing PVC Schedule 80 conduit in lieu of intermediate metal conduit.

Basis of Payment: This work will be paid for at the contract unit price per foot for CONDUIT PUSHED, 2" INTERMEDIATE METAL or CONDUIT PUSHED, 3" INTERMEDIATE METAL and shall be payment in full for furnishing and installing the conduit described above, complete.

Added 6/5/06

This work will not be paid for separately, but shall be included in the unit cost of REMOVE SHOOFLY TRACK.

TRAFFIC CONTROL PLAN

Effective: March 27, 2006

Traffic control shall be in accordance with the applicable sections of the "Standard Specifications for Road and Bridge Construction," the applicable guidelines contained in the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways," these Special Provisions, and any special details and Highway Standards contained herein and in the plans.

Special attention is called to Section 701 and Articles 107.09 and 107.14 of the "Standard Specifications for Road and Bridge Construction" and the following Highway Standards relating to traffic control:

| | | | | | |
|--------|--------|--------|--------|--------|--------|
| 701006 | 701101 | 701201 | 701306 | 701331 | 701326 |
| 701406 | 702001 | BLR 17 | BLR 18 | BLR 21 | BLR 22 |
| 701400 | | | | | |

Local Road Closure Restrictions: Temporary local road closures shall not be implemented until work in that area is ready to commence. All temporary closures of local roads shall be of the shortest duration feasible; work during road closures shall be continuous.

Stage 1:

TR 350E may be closed for paving and earthwork at the intersection with IL 336 and the Service Drive. Reopen TR 350E to traffic using the 9" bituminous binder course of IL 336 and Temporary Ramp as required. The Contractor shall schedule his work to have TR 350E reopened within 4 weeks of closure.

Service Drive; Coordinate pavement, culvert, and bridge construction to provide continuous access to the residence on the service drive from either US 136 or TR 350E as construction staging permits.

TR 102 (E 400) is to remain open in Stage 1 while TR 350E is closed. TR 102 (E 400) permanent closure after TR 350E is re-opened.

TR 118 (E 450) is to remain open at all times using a run-around detour.

TR 154 (E 550) is to remain open in Stage 1 while TR 150 (E 600) is closed. TR 154 (E 550) permanent closure after TR 150 (E 600) is re-opened.

TR 150 (E 600) may be closed for paving, earthwork and the 9" binder course at the IL 336 intersection. The Contractor shall schedule his work to have TR 150 (E 600) reopened within 4 weeks of closure.

Reopen TR 150 (E 600) to traffic using the 9" bituminous binder course of IL 336 and Temporary Ramp as required. Provide the signed detour as shown in plan details.

Revised 6/5/06