



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 11, 2005

SUBJECT: FAP Route 595  
Section 1-3-K  
Rock Island County  
Contract No. 64647  
Item No. 1, April 15, 2005 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 the Table of Contents to the Special Provisions.
2. Revised pages 16, 26 & 27 of the Special Provisions.

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 'P.E.'.

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

cc: Gregg Mounts; Roger Driskell; Jim White; Design & Environment File

TBW:MS:jc

**TABLE OF CONTENTS**

LOCATION OF PROJECT ..... 1

DESCRIPTION OF PROJECT ..... 1

TRAFFIC CONTROL PLAN ..... 1

TRAFFIC SIGNAL WORK ..... 3

EQUIPMENT ILLUMINATION ..... 3

CRITICAL PATH SCHEDULE ..... 3

PROJECT COMPLETION DATE ..... 4

TERMINATION OF DEAD END ROADS ..... 4

EARTH EXCAVATION ..... 4

BROKEN PAVEMENT EMBANKMENT ..... 5

FURNISHED EXCAVATION ..... 5

MOWING ..... 5

SEEDING, CLASS 1 (MODIFIED)..... 6

SEEDING MOBILIZATION ..... 6

CONCRETE HEADWALL REMOVAL ..... 6

CONCRETE COLLAR ..... 7

STORM SEWER WATER MAIN REQUIREMENT..... 7

DUCTILE IRON WATER MAIN ..... 8

COPPER SERVICE TYPE K, 1", CORPORATION STOPS, 1" AND 2" AND DOMESTIC WATER SERVICE BOXES..... 9

MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID..... 12

PLUG, MJ 8" AND PLUG, MJ 12" ..... 12

FIRE HYDRANTS..... 12

SANITARY SEWER D.I.P. PRESSURE CLASS 350..... 13

SANITARY SEWER TESTING..... 14

VALVES..... 14

ABANDON AND FILL EXISTING SANITARY MANHOLES..... 15

FIRE HYDRANTS TO BE ADJUSTED AND FIRE HYDRANT AND VALVE TO BE MOVED..... 15

CONCRETE MEDIAN, TYPE SB (SPECIAL) ..... 15

RUB RAIL ..... 17

INLETS TO BE RECONSTRUCTED (SPECIAL)..... 17

ENGINEER'S FIELD OFFICE TYPE A ..... 17

INTERSECTION POLYUREA PAVEMENT MARKING ..... 18

SERVICE INSTALLATION, TYPE A (MODIFIED) ..... 23

PVC CONDUIT (GENERAL) ..... 23

FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL ..... 23

STEEL COMBINATION MAST ARM ASSEMBLY AND POLE ..... 24

REVISED ..... 4-11-2005

CONCRETE FOUNDATION, TYPE D..... 24

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT ..... 24

REMOVE AND RELOCATE LIGHT POLE AND MAST ARM..... 24

CONDUIT, FLEXIBLE METALLIC, WEATHERPROOF, 2" DIAMETER..... 25

ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C ..... 25

VIDEO VEHICLE DETECTION SYSTEM ..... 25

UNIT DUCT, WITH 4-1/C NO. 6, 600V (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE..... 26

BUS SHELTER REMOVAL ..... 26

BALLED AND BURLAPPED TREE PLANTING..... 27

SEEDLING TREE PLANTING..... 28

PIPE BANDS ..... 28

CONSTRUCTION TIME RESTRICTION..... 28

BRIDGE APPROACH PAVEMENT (SPECIAL) ..... 29

REMOVE EXISTING CULVERTS ..... 29

COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (SPECIAL) ..... 29

CULVERT TO BE CLEANED ..... 30

REMOVAL AND REINSTALLATION OF EXISTING IMPACT ATTENUATORS ..... 30

PORTLAND CEMENT CONCRETE PAVEMENT 7 3/4" (JOINTED) W/ INTEGRAL CURB..... 30

BITUMINOUS CONCRETE SURFACE COURSE (BDE) ..... 31

BITUMINOUS EQUIPMENT, SPREADING AND FINISHING MACHINE (BDE)..... 31

BRIDGE DECK CONSTRUCTION (BDE)..... 32

BUTT JOINTS (BDE)..... 33

CHAIR SUPPORTS (BDE)..... 35

COARSE AGGREGATE FOR TRENCH BACKFILL, BACKFILL AND BEDDING (BDE)..... 35

CONCRETE ADMIXTURES (BDE)..... 41

CONCRETE BARRIER (BDE)..... 45

CORRUGATED METAL PIPE CULVERTS (BDE)..... 48

CURB RAMPS FOR SIDEWALK (BDE)..... 49

CURING AND PROTECTION OF CONCRETE CONSTRUCTION (BDE)..... 51

EPOXY COATING ON REINFORCEMENT (BDE) ..... 58

EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION (BDE)..... 58

EXPANSION JOINTS (BDE) ..... 59

FLAGGER VESTS (BDE)..... 59

FREEZE-THAW RATING (BDE) ..... 60

FURNISHED EXCAVATION (BDE)..... 60

HAND VIBRATOR (BDE) ..... 61

IMPACT ATTENUATORS (BDE) ..... 61

LIGHT EMITTING DIODE (LED) SIGNAL HEAD (BDE)..... 62

MULCHING SEEDED AREAS (BDE)..... 64

ORGANIC ZINC RICH PAINT SYSTEM ..... 65

PARTIAL PAYMENTS (BDE)..... 68

PAYMENTS TO SUBCONTRACTORS (BDE)..... 69

PERSONAL PROTECTIVE EQUIPMENT (BDE)..... 70

PLASTIC BLOCKOUTS FOR GUARDRAIL (BDE)..... 70

POLYUREA PAVEMENT MARKING (BDE) ..... 71

PORTABLE CHANGEABLE MESSAGE SIGNS (BDE)..... 77

PORTLAND CEMENT (BDE)..... 78

PORTLAND CEMENT CONCRETE (BDE)..... 78

PRECAST CONCRETE PRODUCTS (BDE) ..... 79

RAP FOR USE IN BITUMINOUS CONCRETE MIXTURES (BDE)..... 80

SEEDING AND SODDING (BDE) ..... 83

SELF-CONSOLIDATING CONCRETE FOR PRECAST PRODUCTS (BDE) ..... 85

SHOULDER STABILIZATION AT GUARDRAIL (BDE) ..... 87

STEEL COST ADJUSTMENT (BDE) ..... 87

SUBGRADE PREPARATION (BDE)..... 90

SUPERPAVE BITUMINOUS CONCRETE MIXTURES (BDE) ..... 90

TEMPORARY EROSION CONTROL (BDE)..... 96

TRAFFIC BARRIER TERMINALS (BDE)..... 97

TRAFFIC CONTROL DEFICIENCY DEDUCTION (BDE)..... 98

TRANSIENT VOLTAGE SURGE SUPPRESSION (BDE) ..... 99

TRUCK BED RELEASE AGENT (BDE)..... 100

UNDERDRAIN OPERATIONS (BDE) ..... 101

WEIGHT CONTROL DEFICIENCY DEDUCTION ..... 101

WORK ZONE SPEED LIMIT SIGNS (BDE)..... 102

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)..... 103

CLEANING AND PAINTING NEW METAL STRUCTURES ..... 104

FABRIC REINFORCED ELASTOMERIC MAT ..... 110

PROJECT LABOR AGREEMENT..... 111

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)..... 124

TURF REINFORCEMENT MAT ..... 131

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)..... 131

STORM WATER POLLUTION PREVENTION PLAN ..... 132

404 PERMIT..... 140

PAVEMENT THICKNESS DETERMINATION FOR PAYMENT (BDE)..... 147

SLIPFORM PARAPET..... 153

SEEDING, CLASS 7 SPECIAL ..... 156

This work will be paid for at the contract unit price per square foot for CONCRETE MEDIAN,  
TYPE SB (SPECIAL).

Revised 04-11-2005

This work will be paid for at the contract unit price per Each sum for VIDEO VEHICLE DETECTION SYSTEM.

**UNIT DUCT, WITH 4-1/C NO. 6, 600V (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE**

This item shall conform to the applicable portions of Section 816 of the Standard Specifications for Road and Bridge Construction. Connections necessary in the terminal facility Lt. Sta. 3+02 (3rd Street) are included in this item as are the connections and new splicing in the existing light pole Lt. Sta. 218+83 (52nd Avenue).

This work will be paid for at the contract unit price per foot for UNIT DUCT, WITH 4-1/C NO. 6, 600V (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE.

**BUS SHELTER REMOVAL**

Effective November 12, 2004

This work shall consist of the removal and proper disposal of the bus shelter structure and its concrete pad at the location shown in the plans and as noted below.

The existing bus shelter is located on the West side of 3<sup>rd</sup> Street at 0+65 RT. It is owned by the Rock Island County Metropolitan Mass Transit District (RICMMTD).

The contractor shall provide 48 hours of notice to RICMMTD in order for them to salvage any items that can be reused by them. The contact person is Dan Payne. The contact number is (309) 788-3360 (x22).

This work will be paid for at the contract unit price each for BUS SHELTER REMOVAL.

Revised 04-11-2005

## **BALLED AND BURLAPPED TREE PLANTING**

Effective May 17, 1996

253.01 Description. This work shall consist of digging and preparing plant holes and furnishing, transporting, and planting the balled and burlapped size of trees and other materials in accordance with applicable portions of Section 253 of the Standard Specifications.

It shall also include all incidental operations such as mulching, wrapping (predator protection), care of living plants, and replacement of unsatisfactory plants.

The existing dead trees shall be removed and replaced at the same locations. The site locations are designated on the mitigation tree planting layout sheet.

Site 3: Replace two *Quercus palustris* and two *Quercus bicolor*.

Site 7: Replace 13 *Platanus occidentalis*.

253.11 Mulch Cover. Revise to read: "A wood chip mulch four inches in depth shall be provided to all plants. This mulch shall cover the entire area excavated for the plant holes. The following guidelines are provided:

Balled and burlapped trees shall be mulched to a depth of four inches in a circular pattern with 36-inch diameters measured from the center of the hole. These items will require geotextile fabric.

253.12 Wrapping. Revise to read: "Within 7 days after planting all balled and burlapped tree trunks shall be wrapped from the ground line to a height of 3 feet with a one-half inch square mesh, galvanized, steel wire with a minimum gauge of 19 (poultry netting) at a diameter of 14 inches measured from the center of the trunk with a 4-inch overlap. The screen wire shall be secured with a minimum of four steel staples (hog rings)." This will provide predator protection.

Revised 04-11-2005