



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

May 8, 2009

SUBJECT: FAU Route 3512
Section (88Y & 88-1Y)RS-4
Cook County
Contract No. 60G61
Item No. 129, May 15, 2009 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 pages i of the Table of Contents to the Special Provisions.
2. Revised pages 10 & 30 of the Special Provisions.
3. Deleted pages 11 - 29 of the Special Provisions.

This Addendum deletes the Special Provision "HOT MIX ASPHALT PAY FOR PERFORMANCE USING PERCENT WITHIN LIMITS (D-1)".

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,

Charles Ingersoll, Chief
Bureau of Design and Environment

A handwritten signature in black ink, appearing to read "Ted B. Walschleger" with a small "P.E." to the right.

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

cc: Diane O'Keefe, Region 1, District 1; Bill Frey, Estimates

TBW:MS:jc

TABLE OF CONTENTS

LOCATION OF PROJECT 1

DESCRIPTION OF PROJECT 1

MAINTENANCE OF ROADWAYS 1

STATUS OF UTILITIES TO BE ADJUSTED 2

COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT 2

CLEANING EXISTING DRAINAGE STRUCTURES 2

FRAMES AND GRATES TO BE ADJUSTED (SPECIAL) 3

FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) 3

BRICK SIDEWALK REMOVAL 3

BRICK PAVER SIDEWALK 4

TRAFFIC CONTROL PLAN 4

COMPLETION DATE PLUS WORKING DAYS 5

DELAYED START OF MULTIPLE CONTRACTS (DISTRICT ONE) 5

COARSE AGGREGATE FOR HOT-MIX ASPHALT (HMA) (D-1) 6

FINE AGGREGATE FOR HOT- MIX ASPHALT (HMA) (D-1) 7

HOT MIX ASPHALT MIXTURES, GROUND TIRE RUBBER MODIFIED (D-1) 8

HOT MIX ASPHALT MIXTURE IL-4.75 (DISTRICT ONE) 30

HOT MIX ASPHALT – DENSITY TESTING OF LONGITUDINAL JOINTS (D-1) 34

TEMPERATURE CONTROL FOR CONCRETE PLACEMENT (DISTRICT ONE) 35

USE OF RAP (DIST 1) 35

TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR REPLACEMENT AND/OR INSTALLATION ON
 ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS 41

TEMPORARY INFORMATION SIGNING 45

COARSE AGGREGATE FOR HOT-MIX ASPHALT (HMA) (D-1) 46

ALKALI-SILICA REACTION FOR CAST-IN-PLACE CONCRETE (BDE) 49

APPROVAL OF PROPOSED BORROW AREAS, USE AREAS, AND/OR WASTE AREAS INSIDE
 ILLINOIS STATE BORDERS (BDE) 51

AUTOMATED FLAGGER ASSISTANCE DEVICES (BDE) 52

CEMENT (BDE) 53

CONCRETE ADMIXTURES (BDE) 55

CONSTRUCTION AIR QUALITY - IDLING RESTRICTIONS (BDE) 58

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE) 60

ENGINEER’S FIELD OFFICE TYPE A (BDE) 67

EQUIPMENT RENTAL RATES (BDE) 69

HOT-MIX ASPHALT - FIELD VOIDS IN THE MINERAL AGGREGATE (BDE) 70

HOT-MIX ASPHALT – PLANT TEST FREQUENCY (BDE) 72

HOT-MIX ASPHALT – TRANSPORTATION (BDE) 73

heated and capable of maintaining the temperature of the asphalt binder at 300 °F to 350 °F (149 °C to 177 °C). The asphalt binder metering systems of dryer drum plants shall be calibrated with the actual GTR modified asphalt binder material with an accuracy of ± 0.40 percent. The maximum storage time of the asphalt binder in the HMA plant's asphalt binder storage tank shall be 3 days maximum, unless approved by the Engineer.

- (B) The temperature of the GTR asphalt binder HMA mixture when discharged from the plant shall be 300 °F to 350 °F (149 °C to 177 °C).
- (C) Storage and Conveyance. Hot-mix surge bin storage of GTR asphalt binder HMA mixtures shall not exceed four hours.

Mixture Design The mixture design shall be according to Article 1030.04 of the Standard Specifications.

Quality Control/Quality Assurance (QC/QA) The QC/QA shall be according to Article 1030.05 of the Standard Specifications with the exception that final acceptance of mat density shall be based on cores obtained by the Contractor at locations specified by the Engineer. Core densities will be determined by the Engineer in accordance with Departmental procedures.

Construction Requirements The GTR HMA shall be placed according to Section 406 of the Standard Specifications with the following additions.

- (A) An emulsified asphalt tack coat according to Article 1032.06 shall be used on all milled surfaces prior to paving the GTR HMA lifts and applied according to Article 406.05(b). A polymer modified emulsified asphalt tack coat according to Article 1032.06(f) shall be required on all existing unmilled surfaces prior to paving the GTR HMA lifts and applied according to Article 406.05(b).
- (B) The GTR HMA mixtures shall be delivered at a temperature of 300 °F to 350 °F (149 °C to 177 °C). The mixture shall not be placed when the ambient (or surface) temperature is below 55 °F (13 °C), during wet weather, or when local conditions indicate rain is imminent.
- (C) Breakdown compaction should be done while the mat is between 265 °F and 350 °F (130 °C and 177 °C). Finish compaction should be completed before the mat reaches a temperature of 240 °F (115 °C).
- (D) The addition of a non-foaming detergent to the roller water will be allowed to prevent sticking, if necessary.

Opening to Traffic Traffic shall not be permitted on the new surface until the temperature of the mat has dropped below 140 °F (60 °C). After compaction, sand may be applied to the mat at a rate of 1 to 2 lb/sq yd (0.5 to 1.0 kg/sq m), as determined by the Engineer, to prevent pick-up or tracking.

Basis of Payment This work will be paid for at the contract unit price per ton (metric ton) for HOT MIX ASPHALT SURFACE COURSE, MIX F, N90, RUBBER MODIFIED.

Pages 11 - 29 have been Deleted.
The next page is 30.
Revised 05/08/2009

HOT MIX ASPHALT MIXTURE IL-4.75 (DISTRICT ONE)

Effective: January 1, 2007

Description. This work shall consist of constructing Hot-Mix Asphalt (HMA) surface course or leveling binder with an IL-4.75 mixture. Work shall be according to Sections 406, 1030, 1031 and 1032 of the Standard Specifications except as modified herein.

Materials.

Fine Aggregate: Revise Note 2 of Article 1030.02 to read:

Revised 05/08/2009