



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

1/7/2005

SUBJECT: FAP Route 332  
Project NHF-0332(075)  
Section (48X-2)BR-2  
Vermilion County  
Item No. 15, 01/21/05 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 & ii of the Table of Contents to the Special Provisions.
2. Revised pages 1, 4 and 5 of the Special Provisions.
3. Added pages 84 & 85 to 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' with a small 'P.E.' to the right.

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

cc: J. E. Crowe; Roger Driskell; R. E. Anderson; Jim White;  
Design & Environment File

MS/cah

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Revised 1/5/04

## STATE OF ILLINOIS

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### SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted January 1, 2002, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of FAP Route 332 (IL Route 1), Project NHF-0332(075), Section (48X-2)BR-2 in Vermilion County and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

#### INTENT OF PROJECT

It is the intent of this project to remove and replace the existing reinforced concrete box culvert with a precast concrete box culvert to correct inadequate Inventory and Operating ratings. This will allow the structure to accommodate permit loads. It is intended that trees that are not within the clear zone or do not interfere with construction remain in place. During the course of construction, the Contractor shall schedule construction operations so as to cause the least amount of disruption to the traveling public and shall take appropriate precautions to protect and preserve the surrounding environment.

#### DESCRIPTION OF PROJECT

The work included in this section consists primarily of 1) Removal and replacement of the existing double 10.0 ft. x 7.5 ft. box culvert with a triple 10.0 ft. x 6.0 ft. reinforced concrete box culvert with cast-in-place end sections; 2) Removal and replacement of the pavement over the box culvert, consisting of Pavement Patching, (Full Depth), 3) New 6 ft. wide paved shoulders, 9" bituminous or 8" PCC, 4) New 4 ft. wide aggregate shoulders, 6 inches thick; 5) Regrading of the roadside ditches to accommodate the new shoulders and drainage to the new structure; and, 6) Construction of earthwork, rip rap, seeding, pavement striping and all other items necessary to complete the work.

#### SEQUENCE OF OPERATIONS

1. Pre-Stage Remove existing 6" bituminous shoulder and construct proposed base course (option).
2. Stage I Remove Stage I portion of 2 @ 10' x 7.5' R.C. Box Culvert, construction of Stage I portion of proposed 3 @ 10' x 6' R.C. Box Culvert; construction of pavement patch (full depth), construction of Stage I portion of proposed base course (option).

Revised 1/5/05

**STAGE CONSTRUCTED ACROSS ROAD STRUCTURES**

5-442PD20-94  
Eff. 09-11-90  
Rev.: 02-11-04

Across road structures shall be constructed in half-lengths at locations as designated by the Engineer. During this operation, one-way traffic shall be permitted.

These structures shall be constructed in half-lengths and in accordance with applicable portions of Article 442.04 of the Standard Specifications.

This work shall be accomplished by laying the first half-length of structure, backfilling to the top of the sub-grade with trench backfill, and then placing either a permanent or temporary patch. Permanent patches shall conform to the applicable portions of Section 442 of the Standard Specifications and to these Special Provisions. Temporary patches shall consist of CA-6 compacted to the satisfaction of the Engineer and graded to within 2 inches (50 mm) below the existing surface, and a 2 inch (50 mm) lift of bituminous material meeting the approval of the Engineer used for the top 2 inch (50 mm) lift. The patches shall be placed before opening to traffic.

If temporary patches are used they will be placed, maintained and removed as directed by the Engineer at no additional cost to the State.

Temporary patches will not be paid for separately but will be considered included in the across road structure involved. Any delays or inconveniences caused the Contractor due to complying with this requirement will be considered incidental to the contract and no additional compensation will be allowed.

Revised 1/5/05

## **PRECAST CONCRETE BOX CULVERTS**

5-540PD3-98

Eff 07-07-1998  
Rev 02-11-2004

Revise the fourth paragraph of Article 540.06 of the Standard Specifications to read:

The excavation and backfilling for precast concrete box culvert shall be according to the requirements of Section 502 except a layer of porous granular material, at least 6 inches (150 mm) in thickness, shall be placed below the elevation of the bottom of the box. The porous granular material shall be gradation CA 7 and shall be placed to extend at least 2 ft. (600 mm) beyond each side of the box. The precast concrete box culvert shall be laid according to the applicable requirements of Article 542.04(d).

## **POROUS GRANULAR BACKFILL**

Eff 07-07-1998  
Rev 02-11-2004

POROUS GRANULAR BACKFILL shall be in accordance with the applicable portions of Section 209 of the Standard Specifications, and as shown in the plans.

Quality. The coarse aggregate shall be Class D Quality or better.

Gradation. The coarse aggregate gradation shall be CA-6.

Method of Measurement.

- a) Contract Quantities. The requirements for the use of the Contract Quantities shall conform to Article 202.07(a) of the Standard Specifications.
- b) Measured Quantities. POROUS GRANULAR BACKFILL will be measured for payment and the volume computed in cubic yards (cubic meters). The pay limits will be as shown in the plans. If the Contractor chooses to excavate beyond the limits shown, the additional quantities of POROUS GRANULAR BACKFILL will be at his/her own expense.

Revised 1/5/05

**WIDTH RESTRICTION AND MAXIMUM WIDTH SIGNING**

5-701PD5-99

Eff. 12-7-99

Rev. 05-21-1999

The work within this contract will cause a width restriction requiring "maximum width" signing. The Bureau of Operations will provide all "maximum width" signs to be erected at locations shown within the plans. The Traffic Operations Engineer shall be given two weeks notice prior to the start of the project in order to fabricate the signs. The contractor shall be responsible for picking up the signs at the District Office, erecting the signs at the designated locations, maintaining the signs during the course of the work, removing the signs upon completion of the work, and delivering the signs back to the District Office in an acceptable condition. The Contractor will be responsible for replacing any sign that the Engineer determines has been damaged beyond normal wear. The Engineer shall be the sole judge of damage and normal wear.

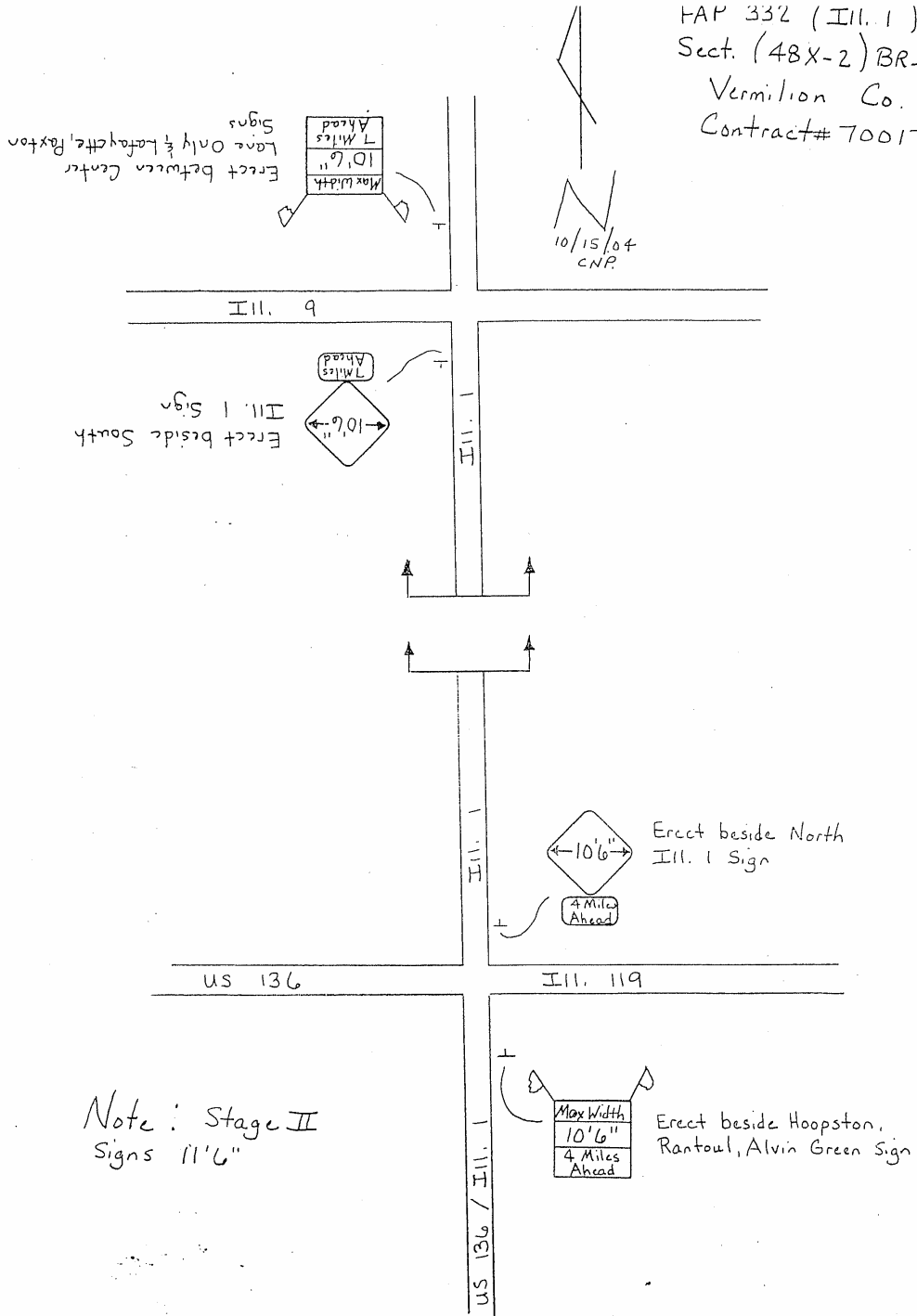
All width restrictions shall be removed from the roadway(s) during the "winter period", defined as being from December 1 of one year through march 31 of the succeeding year. If width restrictions are not removed during this time, the Contractor shall be liable to the Department for liquidated damages per calendar day, and based upon the full Original contract Amount according to Article 108.09.

This work shall be included in TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 with no additional compensation allowed.

Revised 1/5/05

FAP Route 332 (IL Route 1)  
 Section (48X-2)BR-2  
 Vermilion County

FAP 332 (Ill. 1)  
 Sect. (48X-2)BR-2  
 Vermilion Co.  
 Contract# 70017



Note: Stage II  
 Signs 11'6"

Added 1/5/05