Illinois Department of Transportation
2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 22, 2005

SUBJECT: FAP Route 575
Section 14-B-R-1 & 15N-3
Will County
Contract No. 62098
Item No. 66, 8/5/2005 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 Table of Contents.
2. Revised pages 13 and 14 of the Special Provisions.
3. Added pages 198 and 199 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

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

cc: Diane O'Keefe, Region 1, District 1; Roger Driskell;
Jim White; Design & Environment File

TK/sar

TABLE OF CONTENTS

Revised 7/22/05

Revised 7/22/05

All material shall be brought to the spray area in the original, unopened containers supplied by the manufacturer.

Schedule: Spraying will not be allowed when temperatures exceed 90º F or under 45º F, when wind velocities exceed fifteen (15) miles per hour, when foliage is wet or rain is eminent, when visibility is poor or during legal holiday periods.

Application Rate: The Transline or equal broadleaf herbicide shall be applied at the rate of one (1) pint per acre (1.2 liters per hectare).

One (1) gallon (one-half (0.5) liter) of Transline or equal formulation shall be diluted with a minimum of forty (40) gallons (one hundred fifty (150) liters) of water and applied as a mixture. Water for dilution of the mixture will not be paid for separately.

Method of Measurement: Weed Control, Teasel will be measured for payment in gallons (liters) of undiluted Transline or equal applied as specified. The gallons (liters) for payment will be determined based on the gallons (liters) specified on the label attached to the original container supplied by the manufacturer.

Basis of Payment: Weed Control, Teasel will be paid for at the contract unit price per gallon (liters) for WEED CONTROL, TEASEL. Water for dilution of the mixture and additives required for application will not be paid for as separate items, but the costs shall be considered as included in the contract unit price for Weed Control, Teasel, and no additional compensation will be allowed.

Revised 7/22/05

SEDIMENT CONTROL, SILT FENCE

This Special Provision revises Section 280 and Section 1080 of the Standard Specifications for Road and Bridge Construction to eliminate the use of Perimeter Erosion Barrier and create two new items, one for Sediment Control, Silt Fence, and another for Sediment Control, Silt Fence Maintenance.

280.02 Materials. Revise Article 280.02 (f) to read:

"(f) Silt Fence ..... Article 1080.02"

1080.02 Geotextile Fabric. Add the following to Article 1080.02:

"Sediment Control, Silt Fence fabric shall conform to the specifications of AASHTO M288-00 for Temporary Silt Fence, < 50% elongation, unsupported. This fabric shall be 90 cm (36 in) in width.

Certification. The manufacturer shall furnish a certification with each shipment of silt fence material, stating the amount of product furnished, and that the material complies with these requirements.

Sediment Control, Silt Fence support posts shall be of 5x5 cm (2x2 in) nominal hardwood, a minimum of 1.2 m (48 in) long."

280.04 Temporary Erosion Control Systems. Delete Article 280.04 (b) and replace with:

"(b) Sediment Control, Silt Fence. This silt fence shall consist of a continuous silt fence adjacent to an area of construction to intercept sheet flow of water borne silt and sediment, and prevent it from leaving the area of construction.

The silt fence shall be supported on hardwood posts spaced on a maximum of 2.4 m (8 ft) centers. The bottom of the fabric shall be installed in a backfilled and compacted trench a minimum of 150 mm (6 in) deep and securely attached to the hardwood post by a method approved by the Engineer. The minimum height above ground for all silt fence shall be 760 mm (30 in)."

280.05 Maintenance. Add the following to Article 280.05:

"Sediment Control, Silt Fence Maintenance shall consist of maintaining silt fence that has fallen down or become ineffective as a result of natural forces. This work shall include the removal of sediment buildup from behind the silt fence when the sediment has reached a level of half the above ground height of the fence, or as directed by the Engineer.

Revised 7/22/05

SEDIMENT CONTROL, SILT CURTAIN

Description: This work shall consist of the furnishing, installing, maintaining, and removal of a flotation silt curtain assembly, designed to collect sediment from in-stream work areas at locations shown on the plans, or as directed by the Engineer.

Materials: The silt curtain should be of appropriate size to perform the required function of isolating the work area from the rest of the stream, with length being at least 1 ft greater than the depth of water in all locations. The silt curtain assembly shall consist of the silt barrier with flotation segments or appropriate suspension devices and weighing devices and all required anchorage devices. It shall be in good working condition and meet the approval of the Engineer. A detail drawing in the plans depicts the curtain assembly.

The silt curtain shall meet the following physical and performance properties:

	Testing Method	Requirement
Grab tensile warp strength	ASTM D-4632	≥240 lbs.
Elongation @ Break	ASTM D-4632	≥60%
Trapezoidal Tear	ASTM D-4533	≥90 lbs.
Puncture Strength	ASTM D-4833	≥65 lbs.
UV Stability @ 500 hrs	ASTM D-4355	≥70%
Permittivity	ASTM D-4491	≥0.1 sec^{-1}
Water Flow Rate	ASTM D-4491	≥11 gpm/ft^2
AOS (US sieve #)	ASTM D-4751	≥140 sieve
Material construction		Nonwoven

All values are minimum average roll values.

Installation: The silt curtains shall be installed according to the manufacturer directions, and in a manner approved by the Engineer. Additional anchorage may be required as shown on the plans.

Requirements: The Contractor shall inspect the work site to review the stream characteristics where the work is to occur.

The silt curtain assembly shall be installed in the stream in a configuration that prevents silt from traveling beyond the work area, but does not cause flooding upstream of the work area. The silt curtain shall be installed in a manner sufficient to withstand ten-year flood water levels. The silt curtain shall not be installed across the entire stream.

Routine maintenance includes continually maintaining a properly working silt curtain. Also included is the regular removal and disposal of excess sediment in contact with either side of the curtain, as directed by the Engineer. Added 7/22/05

Pumping of water contained within the silt curtain or any other structure shall be done in a manner approved by the Engineer. Direct pumping of water back into the stream shall not be permitted. All water pumping operations must be approved by the Engineer.

The silt curtain assembly shall remain in place until the Engineer instructs the Contractor of the date and the required procedure for removal. The silt curtain assembly shall remain the property of the Contractor.

Method of Measurement: Flotation silt curtains will be measured for payment as individually installed, maintained, and uninstalled assemblies. Only properly working silt curtains will be measured for payment.

Basis of Payment: This work will be paid for at the contract unit price, per each, for SEDIMENT CONTROL, SILT CURTAIN.

Added 7-22-05