



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 26, 2018

SUBJECT: Oak Street (South Old Route 66)
Section 12-00008-00-BR (Williamsville)
Sangamon County
Contract No. 93679
Item 55
August 3, 2018 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 Schedule of Prices.**
- 2. Revised the Index to the Special Provisions.**
- 3. Revised pages 9 - 11 of the Special Provisions.**
- 4. Added page 29A to the Special Provisions**
- 5. Revised sheet 4 of the Plans.**

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

Very truly yours,

Jack A. Elston, P.E.
Bureau Chief
Engineer of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger, P.E.".

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

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to removal. The Engineer shall direct the Contractor as to the offset distance before the sign is re-erected.

The Contractor shall use reasonable care when removing and resetting signs to avoid any damage to the signs. Any signs damaged during removal or resetting shall be replaced with a similar sign which meets the approval of the Engineer at the Contractor's expense.

This work shall be paid for at the contract price per EACH for REMOVING AND RESETTING STREET SIGNS, which price shall include all labor and equipment necessary to complete the work.

BORROW EXCAVATION

A parcel of land within the project limits, as shown and detailed on the Borrow Topography Sheet in the plans, has been provided for the Contractor to obtain the necessary borrow excavation. Soil borings have been performed at the locations indicated and soil data is contained on the Roadway Soil Information sheet in the plans.

Existing stockpiles of spoil material from the Village of Williamsville, as shown on the plans, shall be considered borrow excavation and shall be incorporated into embankments. Spoil piles may contain broken concrete and rock in addition to earth. All spoil pile material shall be placed in embankments in accordance with Article 205 of the Standard Specifications.

Borrow Excavation shall be performed in accordance with Article 204 of the Standard Specifications.

Prior to beginning borrow excavation, the Contractor shall design and submit to the Village of Williamsville Engineer a borrow site plan and soil stability analysis for approval.

The cost of designing the borrow pit and performing the soil stability analysis will not be paid for separately but shall be included in the contract price for BORROW EXCAVATION.

Removal and disposal of unstable and/or unsuitable material will be paid for at the contract unit price per CUBIC YARD for REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL. A quantity of 38,000 cubic yards is estimated to establish a unit price. This work shall be performed in accordance with Article 202.03 of the Standard Specifications.

EMBANKMENT

Embankments shall be constructed according to Section 205 of the Standard Specifications, except as modified by this Special Provision.

When embankments are to be constructed on hillsides or existing slopes which are steeper than 3H:1V, steps shall be cut into the existing slope as shown in the plans or as directed by the Engineer.

All material proposed for use in embankment construction shall be approved by the Engineer. Soils exhibiting the following properties shall not be allowed:

Standard Dry Density (AASHTO T 99) less than 90 pcf.
Organic Content (AASHTO T 194) greater than 10 percent.
Liquid Limit (AASHTO T 89) greater than 60.

Soils exhibiting the following properties shall be restricted to the interior of the embankment:

Less than 35% passing the #200 sieve.
Liquid Limit (AASHTO T 89) greater than 50 but less than 60.
Plasticity Index (AASHTO T 90) less than 12.

The Engineer may restrict or prohibit the use of materials other than those identified above, which exhibit potential for significant erosion or excessive volume change.

Restricted soils shall be encapsulated by 6 to 8 ft, measured horizontally, of unrestricted soil as shown in the plans or directed by the Engineer. The encapsulation shall be placed concurrently with restricted soils. The difference in elevation between the restricted soil and encapsulation shall not exceed 3 ft without the Engineer's approval. Topsoil or rip rap shall not be included in the encapsulation.

The quantity and size of stones or rock fragments incorporated with soil materials shall not prevent placement in the required lift thickness, diskings, or achieving uniform compaction. If the Engineer determines the rock material quantity and gradation minimizes potential void formation and the soil quantity is insufficient to affect performance, the material may be considered rock embankment. Rock embankment shall be placed in 12 inch lifts. Lifts shall be compacted or seated using a method approved by the Engineer. Shale shall be placed, broken down, and compacted in the same manner as soil. The addition of water may be required to break down shale.

Where lime modified soil is shown on the plans, materials placed in the top 2 ft of embankments shall have a clay content greater than or equal to 15% over the width of improved subgrade. Clay is defined according to AASHTO M 145. Clay content shall be determined according to AASHTO T 88. In addition to the clay content requirement, no rock, stones or broken concrete more than 2 inches in largest dimension shall be allowed in the top 2 ft.

Where subbase granular material is shown in the plans, the top 1 ft of embankments shall have an immediate bearing value (IBV) of 6 or greater within the limits of the subbase granular material. IBV will be determined using a dynamic cone penetrometer according to Illinois Test Procedure 501. When an embankment is constructed of granular materials, the IBV requirement shall not apply.

All embankment lifts shall be compacted to not less than 95% of the standard laboratory density. The standard laboratory density shall be the maximum dry density determined according to Illinois Modified AASHTO T 99 (Method C) or Illinois Modified AASHTO T 272.

If embankment lifts are unstable after achieving the required density, the Contractor shall reprocess and compact the unstable material as directed by the Engineer. The Engineer may determine a maximum moisture content to correct or prevent stability problems during embankment construction.

This work will not be paid for separately, but shall be considered included in the unit prices for Earth Excavation, and/or Borrow Excavation.

GEOTECHNICAL DATA

A subsurface investigation has been performed for this project. Boring logs are included in the plans for information.

SETTLEMENT WAITING PERIOD AND SETTLEMENT PLATFORMS

A settlement waiting period of 6 calendar months is required between embankment completion to finished earth grade and start of paving operations on the mainline alignment from Station 208+80.00 to Station 218+16.50 (back of North Abutment) and Station 221+46.50 (back of South Abutment) to Sta. 239+46.41, and on the connector alignment from Station 983+00.00 to Station 990+00.00. The 6 month waiting period includes restriction of all construction relating to bridge approach pavement. The start date for settlement will begin after the initial completion of the highest fill section of embankment at station 222+10.45.

The Contractor shall install settlement platforms according to Article 204.06 prior to placing embankment materials at the following locations or as directed by the Engineer:

Permanent Platforms

Station 214+00 @ 0.0 ft. Offset	Station 217+75 @ 0.0 ft. Offset
Station 222+00 @ 0.0 ft. Offset	Station 228+00 @ 0.0 ft. Offset
Station 234+00 @ 0.0 ft. Offset	Station 987+50 @ 0.0 ft. Offset

The Engineer will obtain settlement pipe elevation data immediately before and after cutting the pipe to grade.

Paving will be allowed before the end of the 6 month waiting period if the Engineer determines settlement is complete. Settlement platform data shall be gathered on a weekly basis.

This work will not be paid for separately but shall be included in the contract price for earth excavation, and/or borrow excavation.

Installation and use of settlement platforms will not be paid for separately, but shall be included in the unit prices for Earth Excavation and/or Borrow Excavation.

AVAILABLE REPORTS

No project specific reports prepared.

When applicable, the following checked reports and record information is available for Bidder's reference upon request:

- Record structural plans
- Preliminary Site Investigation (PSI)
- Preliminary Environmental Site Assessment (PESA)
- Soils/Geotechnical Report
- Boring Logs
- Pavement Cores
- Location Drainage Study (LDS)
- Hydraulic Report
- Noise Analysis
- Other: _____

Those seeking these reports should request access from:

Mark Sutheard
Kuhn & Trello Consulting Engineers, LLC
109 N. 7th Street, 3rd Floor
Springfield, IL 62701
msutheard@ktengr.com
217-679-0044
Hours available: 8:00 AM to 5:00 PM (weekdays)