



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

January 7, 2025

SUBJECT: FAU 7972 (North Grand Avenue)
Section 20-00492-00-BR (Springfield)
Sangamon County
Contract No. 93773
Item 137
January 17, 2025 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 Plan Sheets 13, 46, 59, 131, 161, 185, 200, 218, 229-231, 252, 255-257, 270, 310, 312, 420, 448, 467, & 501**
- 3. Revised pages 189, 190, 223, & 303 of the Special Provisions**

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

Very truly yours,

A handwritten signature in black ink, appearing to read 'Jack A. Elston'.

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

may be shifted ± 1 inch from plan location to achieve a continuous, uniformly spaced pattern. Wall ties shall be coordinated with the liner and form to achieve the least visible result. Liners shall be stripped between twelve (12) and twenty-four (24) hours as recommended by the manufacturer. Curing methods shall be compatible with the desired aesthetic result. Use of curing compounds will not be allowed.

The Contractor shall employ proper concrete placement and consolidation methods to ensure a high-quality finish. A self-consolidating concrete is required in all wall facings where form liners are specified. The finished exposed formed concrete surfaces shall be free of visible vertical seams, horizontal seams, and butt joint marks. Grinding and chipping of finished formed surfaces shall be avoided.

Method of Measurement: This work will be measured for payment in place and the area computed in square feet.

Required adjustments or corrections needed to address mockup comments and the cost of additional mockups, if required, will not be paid for separately, but shall be included in respective pay item.

Basis of Payment: Form lined surfaces will be paid for at the contract unit price per square foot for FORM LINER TEXTURED SURFACE. The unit price bid shall include all labor and material costs associated with designing, developing, furnishing, and installing form liners, forming, and disposal of forms, including satisfactory cast concrete mockup panel(s) to the requirements included herein.

FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE

Description: This work shall consist of furnishing, fabricating, transporting, erecting and painting steel structure or portions thereof for the structures listed below.

SN 084-9972 (UPRR over North Grand Avenue) – BRIDGE NO. 1

SN 084-9973 (North Grand Avenue over IMRR and NSRR) – BRIDGE NO. 2

General: Structural steel shall be fabricated to comply with the requirements indicated on the design drawings. The furnishing and erecting of structural steel shall be in accordance with this specification and applicable sections of Section 505 of the Standard Specifications for Road and Bridge Construction.

Construction Requirements: All structural steel supplied shall comply with the applicable ASTM standards listed in the plans.

Furnishing and installing the bearings shall comply with Section 521 of the Standard Specifications for Road and Bridge Construction or HLMR bearing special provision, as applicable.

The preformed fabric bearing pads for SN 084-9972, for the bearings, approved for use shall be Shock Pad Style No. 15175 as manufactured by Alert Manufacturing and Supply Company, Chicago, Illinois, or FABREEKA Pads as manufactured by Fabreeka Products Company, 1190 Adams Street, Boston, Massachusetts, or SORBTEX Pads as manufactured by Voss Engineering, Inc., Chicago,

Illinois.

Field Weld Inspection Requirements for SN 084-9972: The Contractor shall be responsible for visual inspection and Nondestructive Testing (NDT) according to the ANSI/ASSHTO/AWS D1.5 Bridge Welding Code and necessary correction of all deficiencies in material and workmanship. Fillet welds joining steel deck plates to the top flange of the primary members shall be magnetic particle tested (MT) according to the bridge welding code. Costs of this shall be included in the unit price for FURNISHING AND ERECTING STRUCTURAL STEEL of the respective bridge.

Method of Measurement: This work will be measured for payment according to Section 505.12 of the Standard Specifications for Road and Bridge Construction.

Basis of Payment: This work will be paid for at the lump sum price for FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 1 and FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 2. Price shall be payment in full for all labor, materials, and equipment necessary for furnishing, erecting, fabricating, transporting, and painting structural steel.

The cost for furnishing and installing the bearings and anchor bolts for SN 084-9972 shall be included in the lump sum price for FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE, NO. 1. The cost for furnishing and installing bearings and anchor bolts for SN 084-9973 is included under other items of work.

GROUND IMPROVEMENT

Description. This special provision allows for the substitution, at Contractor's option, of Controlled Stiffness Column Ground Improvement for Aggregate Column Ground Improvement.

General. Contractor may use Controlled Stiffness Column Ground Improvement at any location where Aggregate Column Ground Improvement is shown on the plans. Contractor may use either type of ground improvement or a combination of both types. Performance requirements shown on the plans shall apply to both types.

Controlled Stiffness Column Ground Improvement, if used, shall be subject to the requirements of the Controlled Stiffness Column Ground Improvement Special Provision.

Submittals. Submittals shall be according to the requirements of the Aggregate Column Ground Improvement and Controlled Stiffness Column Ground Improvement special provisions, as applicable. Shop drawings and design computations submittals shall be coordinated between the two types of ground improvement, if both are used.

Basis of Payment. The ground improvement work, regardless of the type(s) used, will be paid for at the contract lump sum price for AGGREGATE COLUMN GROUND IMPROVEMENT.

Closed-Circuit Televising (CCTV) and Records

Once flow control has been established and the line cleaned to the satisfaction of the Engineer, CCTV inspection may proceed. Only equipment that has been specifically designed and constructed for sewer line inspection shall be used and include the following basic functions: movement of the camera on a transport device, panning and rotation of the camera head, focus of the image produced by the camera, illumination that will allow a clear picture of the entire pipe. The camera shall be operational in one-hundred percent (100%) humidity as well as be able to withstand exposure to pollutants typically found in sewage. Inspections shall be compatible with NASSCO PACP 7.0 or newer format. If the video produced is not of a quality satisfactory to the Engineer, the inspection shall be rejected and no payment made for work related to this video.

The camera shall move through the line at a rate no faster than that which can be easily inspected from the camera truck and/or video created by the system for cracks, deformations, etc. Any defect with the pipe as well as each and every lateral connection shall be stopped at and documented. If a winch/pulley system is used instead of tires or tracks to move the camera through the line, communication between the crew members at the upstream and downstream ends shall be maintained throughout the inspection.

A distance tracker, with a unit of a standard foot, shall be set up on the camera to measure the length that the camera has traveled. Accurate distance measurements shall be obtained from center of the upstream manhole to the center of the downstream manhole by the recorded distance on the inspection video as well as another means, for example: GPS, measuring wheel, measuring tape, etc. Secondary method of measuring shall be approved by the Engineer and be accurate to plus or minus two (2) feet.

Television inspection logs shall be stored by electronic media as well as printed and made available to the Owner. Each defect within the pipe as well as laterals shall be located within 1/10 of a foot from the starting center of manhole and appropriately labeled.

All defect and observation coding used shall conform to the NASSCO PACP 7.0 or newer format.

The Contractor shall provide CCTV media and inspection logs to the Engineer post-cleaning and post-lining. Pre-lining CCTV activities are not required to be submitted to the Owner. Pre-lining CCTV is the responsibility of the Contractor, and during the pre-lining CCTV, the Contractor shall verify no obstructions remain in the pipe segment to be lined.

Post-cleaning CCTV videos shall be completed for a segment and submitted to the Engineer before any liners shall be ordered and before any lining activities may begin.

Method of Measurement: TELEVISION INSPECTION OF SEWER shall be measured in feet along the flowline of sewer through the length inspection.

Basis of Payment: This work will be paid for at the contract unit price per foot for TELEVISION INSPECTION OF SEWER.

F.A.U. Route 7972 (North Grand Avenue)
Section No. 20-00492-00-BR, 22-00492-01-BR
City of Springfield, Sangamon County
Contract No. 93773

H. Provide a description of potentially erosive areas associated with this project:

Areas of exposed dirt from excavation operations.

I. The following is a description of soil disturbing activities by stages, their locations, and their erosive factors (e.g., steepness of slopes, length of slopes, etc.):

Construction for rail embankment and track from Sangamon Avenue to Stanford Avenue:
Soil disturbing activities will consist of trenching for utilities, embankment construction and placing sub-ballast.
Construction for underpass and overpass:
Soil disturbing activities will consist of trenching for utilities, embankment construction and earth excavation.

J. See the erosion control plans and/or drainage plans for this contract for information regarding drainage patterns, approximate slopes anticipated before and after major grading activities, locations where vehicles enter or exit the site and controls to prevent offsite sediment tracking (to be added after contractor identifies locations), areas of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands), and locations where storm water is discharged to surface water including wetlands.

K. Identify who owns the drainage system (municipality or agency) this project will drain into:

City of Springfield

L. The following is a list of General NPDES ILR40 permittees within whose reporting jurisdiction this project is located:

Sangamon County Water Reclamation District

M. The following is a list of receiving water(s) and the ultimate receiving water(s) for this site. In addition, include receiving waters that are listed as Biologically Significant Streams by the Illinois Department of Natural Resources (IDNR). The location of the receiving waters can be found on the erosion and sediment control plans:

The receiving waters for the project are Spring Creek which outlets to the Sangamon River.

N. Describe areas of the site that are to be protected or remain undisturbed. These areas may include steep slopes (i.e., 1:3 or steeper), highly erodible soils, streams, stream buffers, specimen trees, natural vegetation, nature preserves, etc. Include any commitments or requirements to protect adjacent wetlands.

For any storm water discharges from construction activities within 50-feet of Waters of the U.S. (except for activities for water-dependent structures authorized by a Section 404 permit, describe: a) How a 50-foot undisturbed natural buffer will be provided between the construction activity and the Waters of the U.S. or b) How additional erosion and sediment controls will be provided within that area.

There are no protected areas within or adjacent to the job site.

O. Per the Phase I document, the following sensitive environmental resources are associated with this project and may have the potential to be impacted by the proposed development. Further guidance on these resources is available in Section 41-4 of the BDE Manual.

☐ 303(d) Listed receiving waters for suspended solids, turbidity, or siltation.
The name(s) of the listed water body, and identification of all pollutants causing impairment:

Provide a description of how erosion and sediment control practices will prevent a discharge of sediment resulting from a storm event equal to or greater than a twenty-five (25) year, twenty-four (24) hour rainfall event:

Provide a description of the location(s) of direct discharge from the project site to the 303(d) water body: