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

April 7, 2026

SUBJECT: FAS 293 (Rice Road)
Section 24-00202-00-BR
Grundy County
Contract No. 87893
Item 088
April 24, 2026 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 4, 35, & 61**
3. **Revised Special Provision Index**
4. **Revised pages 5-7 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,

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

INDEX OF SPECIAL PROVISIONS

~~PRECAST MODULAR RETAINING WALL~~ SEGMENTAL CONCRETE BLOCK WALL

DESCRIPTION:
This work shall consist of furnishing and constructing the retaining wall system(s), as specified to the lines, grades, and dimensions shown on the plans in accordance with Section 522 of the Standard Specifications, as directed by the Engineer. and as specified herein. This work shall include any necessary base preparation, select backfill, footing levelling pads, furnishing and installing geogrid soil reinforcement of the type, size, location, and lengths as required by the wall manufacturer.

GENERAL:
~~Precast Modular Wall Systems shall meet the requirements of Section 522 and as specified herein~~. Segmental Concrete Block Wall Systems shall also be permitted meeting requirements of Section 522 and as specified herein. Segmental Concrete Block Systems would not require IDOT Prequalified System approval.

The contractor shall submit two sets of details and specifications for the proposed block units at least two weeks prior to beginning any wall construction including a Manufacturer's certification that the retaining wall system components meet the requirements of this project specification sealed by a Licensed Illinois Structural Engineer.

The certification shall state if any aspect of internal and external stability of the wall design (including sliding, overturning, and bearing pressure) has been delegated to others and to whom. Design computations and shop drawings shall be submitted according to Article 522.05. The design shall be according to AASHTO LRFD Bridge Design Specifications ~~for Prefabricated Modular Walls~~, except as modified herein. The Contractor shall be responsible for internal and external stability aspects of the wall design (including sliding, overturning, and bearing pressure). The Department will be responsible for the analyses of settlement and overall slope stability.

Wall sections used throughout the project shall be from the same manufacturer and product line.

MATERIALS:
The block retaining wall units and associated materials shall meet or exceed the following standards:

Segmental Retaining Wall Units:

All wall units shall be subject to the requirements of ASTM C 140 – Sampling and Testing Concrete Masonry Units.

Segmental Wall units shall be 8 inch minimum heights with a minimum 2:1 depth ratio (front face height to depth ratio).

Wall cap units shall be 4 inch minimum heights with a minimum 2:1 depth ratio (front face height to depth ratio).

Color of the units shall be light gray with all units supplied by the same manufacturer, same product line, and of uniform color shade.

Finish of the exposed faces shall be straight irregular split face or hewnstone. Surface finish coursing heights shall not exceed 12 inches. All exposed vertical faces shall include finish texture including corner sections.

Sections shall be straight in plan.

The wall units shall provide a minimum weight of 100 psf wall face area not including backfill.

The top two courses of the wall height and cap blocks shall be attached with an approved adhesive meeting the manufacturer's specifications.

Units shall be interlocked with connection pins or other means approved by the Engineer, designed with proper setback to provide 8:0.5 vertical to horizontal batter (4 minimum degrees from vertical). Connector pins shall consist of glass reinforced nylon made for the expressed use of the wall units supplied.

All precast sections shall be sound and free of cracks or other defects that would interfere with placing or reduce the strength or durability of the structure. Cracking or excessive chipping shall be grounds for rejection. Units showing cracks longer than ½" shall not be used within the wall. Units showing chips greater than 1" in any direction on an exposed face shall not be used within the wall.

Concrete used to manufacture the precast units shall have a minimum 28 day compressive strength of 3,000 psi and a maximum adsorption rate, by weight, of 8% as determined in accordance with ASTM C 140.

Footing Leveling Pad:

The Wall Footing Levelling Pad shall be reinforced cast-in-place concrete or compacted aggregate meeting the minimums per the following schedule. No precast shall be allowed.

Wall Exposed Retained Height	Wall Footing Levelling Pad
> or = 3.3 feet	Reinforced Concrete Footing 1'-0" thick by 3'-0" Width. 3-#6 bars full length.
< 3.3 feet	Compacted Aggregate Base min. 6" thick by manufacturer's requirements.

Soil leveling pad materials shall be compacted to a minimum of 95% of Standard Proctor density per ASTM D697 or 92% Modified Proctor density per ASTM D1557

Backfill Material:

Material for the backfill behind the wall shall meet the minimum requirements of Section 209 of the Standard Specifications for Porous Granular Backfill or as required by the wall manufacturer. If the backfill is in landscape areas, the top 4 inches of the backfill shall be a cohesive soil capable of supporting the desired vegetation paid separately and the top 8 inches of the Granular backfill shall be Fine Aggregate.

Drainage Pipe:
All installations shall include a backfill drainage pipe shall be perforated or slotted PVC pipe manufactured in accordance with ASTM D-3034 or corrugated HDPE pipe manufactured in accordance with ASTM D-1248. The pipe shall be wrapped with a geotextile fabric prior to installation. Walls shall be connected to drainage structures or surface outlet with the restriction that no drains shall outlet onto pavement path surfaces.

EQUIPMENT:
Only lightweight hand-operated equipment shall be allowed within 3 feet from the back of the ~~modular~~ concrete units. Tracked construction equipment shall not be operated directly upon any required soil reinforcement. A minimum fill thickness of 6 inches is required prior to operation of tracked vehicles over the soil reinforcement. Tracked vehicle turning should be kept to a minimum to prevent tracks from displacing the
fill and wall units.

CONSTRUCTION REQUIREMENTS:
Contractor shall excavate to the lines and grades shown on the construction drawings. The Engineer shall inspect the excavation and approve prior to placement of leveling material or fill soils. Over-excavation and replacement of unsuitable foundation soils and replacement with approved compacted fill will be paid for in accordance with the specification for EARTH EXCAVATION.

First course of units shall be placed on the footing at the appropriate line and grade. Alignment and level shall be checked by the contractor in all directions and ensure that all units are in full contact with the base and properly seated. Units shall be placed side-by-side without gaps between adjacent units. The installation of shear/connecting devices shall be per the manufacturer's recommendations.

The backfill and drain system shall be placed and compacted within and behind the wall units. Maximum stacked vertical height of wall units, before unit drainage fill and backfill placement and compaction, shall not exceed two courses.

METHOD OF MEASUREMENT:
The measured quantities shall be in-place finished square feet of exposed wall above the top of the footing levelling pad.

BASIS OF PAYMENT:
All labor, equipment and materials necessary for completion of this work including all any necessary base preparation, backfill, footing leveling pads, geogrid soil reinforcement, and other items required by the wall manufacturer shall be paid for at the contract unit price per SQUARE FOOT for ~~PRECAST MODULAR RETAINING WALL~~ and shall include those items specified herein.

SEGMENTAL CONCRETE BLOCK WALL