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

October 29, 2025

SUBJECT: Route FAU 2678A (York Street)
Section 17-00188-00-SW (Elmhurst)
DuPage County
Contract No. 61K01
Item 140
November 7, 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 Sheets 63, 67 and 82 of the Plans.**
2. **Revised Pages 23 – 26 and 134 – 140 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

Basis of Payment: This work shall be paid for at the contract unit price per foot (regardless of depth) for EXPLORATION TRENCH, SPECIAL, and no extra compensation will be allowed for any delays, inconveniences or damage sustained by the Contractor in performing the work.

FENCE REMOVAL

Description: This work shall consist of the removal and disposal of an existing fence from the project site regardless of the fence type as called out on the engineering plans, or as directed by the Engineer.

General: The Contractor shall remove all components of the existing fence including any concrete used to anchor fence posts, bracing, guy wires, posts, and/or gates. All removed materials shall be disposed of outside the limits of the right-of-way according to Article 202.03 of the Standard Specifications and/or as directed by the Engineer.

Method of Measurement: This work will be measured for payment in feet, along the top of the existing fence, from center to center of end posts, including the length occupied by gates.

Basis of Payment: This work will be paid for at the contract unit price per FOOT for FENCE REMOVAL. The unit price shall include all equipment, materials and labor required to remove and dispose of the fence

FENCE (SPECIAL)
GATE, SPECIAL

Description: This work shall consist of furnishing and erecting a welded ornamental steel fence system, gate, and accessories as shown in the plans, in accordance with the details and manufacturer's specifications and as directed by the Engineer.

General: The fence and gate system shall be MONTAGE PLUS MAJESTIC 3 RAIL at 4' height and AMERISTAR MONTAGE PLUS MAJESTIC 3 RAIL DOUBLE SWING GATE at 4' height with 16' opening as manufactured by Ameristar to match existing City fencing.

AMERISTAR
1555 N. Mingo
Tulsa, OK 74116
1-888-333-3422
www.ameristarfence.com

Shop drawings shall be submitted as specified in Article 509.04 of the Standard Specifications.

System Description. The total fence and gate system shall be of standard picket space, welded and rackable with all terrain flexibility ornamental steel Montage design with extended picket bottom rail treatment. The system shall include all components (i.e., panels, posts, gates and hardware) required.

Product Warranty. All structural fence and gate components (i.e. rails, pickets, and posts) shall be warranted within specified limitations, by the manufacturer as stated in the Montage product warranty. Warranty shall cover any defects in material finish, including cracking, peeling, chipping, blistering or corroding. Reimbursement for labor necessary to restore or replace components that have been found to be defective under the terms of manufactures warranty shall be guaranteed for five (5) years from date of original purchase.

Material. Steel material for fence and gate panels and posts shall conform to the requirements of ASTM A653/A653M, with a minimum yield strength of 45,000 psi (310 MPa) and a minimum zinc (hot-dip galvanized) coating weight of 0.60 oz/ft2 (184 g/m2), Coating Designation G-60.

Material for pickets shall be 3/4" square x 18 Ga. tubing. The rails shall be steel channel, 1.5" x 1.4375" x 14 Ga. Picket holes in the rail shall be spaced 4.675" o.c. Fence posts shall be a minimum of 2.5" square x 16 Ga. Minimum size for gate posts shall be 2-1/2" x 16 Ga.

Fabrication. Pickets, rails and posts shall be pre-cut to specified lengths. Rails shall be pre-punched to accept pickets.

Pickets shall be inserted into the pre-punched holes in the rails and shall be aligned to standard spacing using a specially calibrated alignment fixture. The aligned pickets and rails shall be joined at each picket-to-rail intersection by Ameristar's proprietary fusion welding process, thus completing the rigid panel assembly (Note: The process produces a virtually seamless, spatter-free good-neighbor appearance, equally attractive from either side of the panel).

The manufactured panels and posts shall be subjected to an inline electrode position coating (E-Coat) process consisting of a multi-stage pretreatment/wash, followed by a duplex application of an epoxy primer and an acrylic topcoat. The minimum cumulative coating thickness of epoxy and acrylic shall be 2 mils (0.058 mm). The color shall be Black. The coated panels and posts shall be capable of meeting the performance requirements for each quality characteristic shown in the coating performance requirements table. The following coating performance requirements meet or exceed the coating performance criteria of ASTM F2408.

Coating Performance Requirements

Quality Characteristics	ASTM Test Method	Performance Requirements
Adhesion	D3359 – Method B	Adhesion (Retention of Coating) over 90% of test area (Tape and knife test).
Corrosion Resistance	B117, D714 & D1654	Corrosion Resistance over 1,500 hours (Scribed per D1654; failure mode is accumulation of 1/8" coating loss from scribe or medium #8 blisters).
Impact Resistance	D2794	Impact Resistance over 60 inch lb. (Forward impact using 0.625" ball).

Weathering Resistance	D822, D2244, D523 (60° Method)	Weathering Resistance over 1,000 hours (Failure mode is 60% loss of gloss or color variance of more than 3 delta-E color units).

The manufactured fence and gate system shall be capable of meeting the vertical load, horizontal load, and infill performance requirements for Residential weight fences under ASTM F2408.

Gates shall be fabricated using welded ornamental panel material and gate ends having a 1-1/4" square cross-sectional size. All rail and upright intersections shall be joined by welding. All picket and rail intersections shall also be joined by welding.

Preparation. All new installation shall be laid out by the contractor in accordance with the construction plans and as directed by the Engineer.

Fence Installation and Maintenance. Fence posts shall be spaced at 95", plus or minus 1/4". For installations that must be raked to follow sloping grades, the post spacing dimension must be measured along the grade. Fence panels shall be attached to posts with brackets supplied by the manufacturer.
When cutting/drilling rails or posts adhere to the following steps to seal the exposed steel surfaces; 1) Remove all metal shavings from cut area. 2) Apply zinc-rich primer to thoroughly cover cut edge and/or drilled hole; let dry. 3) Apply 2 coats of custom finish paint matching fence color. Failure to seal exposed surfaces per steps 1-3 above will negate warranty. Ameristar spray cans or paint pens shall be used to prime and finish exposed surfaces; it is recommended that paint pens be used to prevent overspray. Use of non-Ameristar parts or components will negate the manufacturers' warranty.

Gate Installation. Gate posts shall be spaced according to the manufacturers' gate drawings, dependent on standard out-to-out gate leaf dimensions and gate hardware selected. Type and quantity of gate hinges shall be based on the application, weight, height, and number of gate cycles. The manufacturers' gate drawings shall identify the necessary gate hardware required for the application. Gate hardware shall be provided by the manufacturer of the gate and shall be installed per manufacturer's recommendations.

Concrete Footer. Fence and gate posts shall be embedded in concrete footers. Concrete footers shall be 8" in diameter and to a depth of 36" for fence and gate posts.

Cleaning. The contractor shall clean the jobsite of excess materials.

Method of Measurement: Fence will be measured for payment in place per foot along the top longitudinal railing member through all posts and gaps, excluding the 16' gate opening. Gate will be measured by each double swing gate arrangement.

Concrete foundations for fence and gate will not be measured separately for payment. Anchor bolts used in the construction of fence and gate will not be measured separately for payment.

Basis of Payment: This work will be paid for at the contract unit price per foot for FENCE (SPECIAL) and contract unit price per each for GATE, SPECIAL. The contract unit price shall include all equipment, labor, and materials necessary to complete this work as specified, including furnishing and installing anchor bolts and construction of the 8" diameter concrete post footer.

FIRE HYDRANTS TO BE ADJUSTED

Description: This work shall consist of the vertical adjustment of fire hydrants, including auxiliary valves and valve boxes that are to remain in place. All applicable portions of Section 564 of the Standard Specifications and Section 45 of the Water and Sewer Specifications shall apply.

General: Fire Hydrant adjustments shall be accomplished with one extension mechanism. Combining extension mechanisms to achieve the required height will not be allowed.

If the hydrant has an existing adjustment in place, it must be removed, disposed of properly, and replaced with a single adjustment. This work shall not be paid for separately but shall be included in the cost of this item.

Disinfecting shall be in accordance with AWWA C601 for Disinfection Procedures when cutting into or Repairing Existing Mains.

All water main work shall be coordinated so that there are no extended water main shut-downs.

Method of Measurement: This work will be measured for payment as EACH structure to be adjusted.

Basis of Payment: This work shall be paid for at the contract unit price each for FIRE HYDRANT TO BE ADJUSTED, which price shall include the labor, equipment and materials necessary to raise or lower existing fire hydrants and auxiliary valves and valve boxes to an elevation acceptable to the agency maintaining the fire hydrants.

MULCH PLACEMENT FOR EXISTING WOODY PLANTS

This work shall be done in accordance with the applicable portion of Section 253.02 (c) and Section 1081.06 of the Standard Specifications for Road and Bridge Construction.

Description: This work shall consist of furnishing, transporting, and spreading an approved shredded hardwood bark mulch to the depth specified in areas as shown in the plans or as directed by the Engineer.

Material: Hardwood bark mulch shall be clean, finely shredded mixed-hardwood bark meeting the following requirements:

Method of Measurement

The contractor shall demonstrate to the satisfaction of the Engineer that the lighting system is fully operational prior to submitting a pay request. Failure to do so will be grounds for denying the pay request. Months in which the lighting systems are not maintained and not operational will not be paid. Payment shall not be made retroactively for months in which lighting systems were not operational.

Basis of Payment: Maintenance of lighting systems shall be paid for at the contract unit price per calendar month for **MAINTENANCE OF LIGHTING SYSTEM.**

HANDHOLE, COMPOSITE CONCRETE

Description. This work shall consist of furnishing and installing composite concrete handhole as shown on the contract plans, specified herein and installed per Section 814 of the Standard Specification. All work related to the installation of the handhole shall be included (excavation, installation of handhole and cover, french drain, backfill, disposal of surplus excavated material, etc.)

The handhole shall be Hubbell Quazite 12"x12" PC Style Polymer Concrete with an open bottom. The box and lid shall meet or exceed ANSI Tier 8 loading requirements and also be UL listed. The box shall be placed on 12" of crushed stone for drainage. The lid shall have a logo as "STREET LIGHTING" or as specified by the City of Elmhurst.

Basis of Payment. This item and work will be paid for at the contract unit price per each for HANDHOLE, COMPOSITE CONCRETE, which price shall be payment in full for the material, excavation, labor, and equipment necessary to complete the work described herein.

LUMINAIRE, LED, SPECIAL

Description. This work shall consist of furnishing and installing LED lighting unit as specified herein and installation according to Section 821 of the Standard Specification.

Materials. The luminaire shall be Cooper Streetworks UTLD Traditionaire LED Downlight model number UTLD-PA1-30-827-U-T3-BK-BC-FADC-DIFFUSER-10X-U154529

Material for the LED luminaire shall be according to the following:

Optics
- IP66 rated
- Type 3 light distribution per IESNA classification.
- Dark Sky Approved (3000K and warmer)

Performance
- Rated for -40°C to 40°C ambient air temperature range
- Color temperature of 2700K
- Fixture wattage of 30 watts with 2,642 lumens
- B1-U3-G2

Electronic Drivers
- Universal Driver 120V - 277V

- Greater than 0.9 power factor
- Less than 20% harmonic distortion
- 10kV/10kA level of surge protection.

Housing

- Cooper Streetworks UTLD is 27-1/2" high x 17" wide with an approximate weight of 37 lbs.
- 3G vibration rated
- Self-aligning pole-top fitter for 3" O.D. pole tops
- Square headed 1-1/4" polymer coated mounting bolts with a lock nut
- Color: Black (color must be approved with local agencies before purchasing).

Finish

- Components finished in TGIC polyester powder-coated 2.5 mil nominal thickness for protection against fade and wear.

Submittal Requirements. The Contractor shall submit, for approval, an electronic version of all associated luminaire IES files, AGi32 files and the TM-21 or TM-28 calculator spreadsheet with inputs and reports associated with the project luminaires. The Contractor shall also provide (as a minimum) an electronic (PDF) version of each of the following manufacturer's product data for each type of luminaire:

1. Descriptive literature and catalogue cuts for luminaire, LED driver, and surge protection device.

2. LED drive current, total luminaire input wattage and total luminaire current at the system operating voltage or voltage range and ambient temperature of 25 C.

3. LED efficacy per luminaire expressed in lumens per watt (lpw).

4. Initial delivered lumens at the specified color temperature, drive current, and ambient temperature.

5. Computer photometric calculation reports as specified and in the luminaire performance table.

6. TM-15 BUG rating report.

7. lsofootcandle chart with max candela point and half candela trace indicated.

8. Documentation of manufacturers experience and verification that luminaires were assembled in the U.S.A. as specified.

9. Supporting documentation of compliance with ANSI standards as well as UL listing as specified.

10. Supporting documentation of laboratory accreditations and certifications for specified testing as indicated.

11. Thermal testing documents as specified.

12. IESNA LM-79, LM-80 (or LM-84) and TM-21 (or TM-28) reports as specified.

13. Salt fog test reports and certification as specified.

14. Vibration Characteristics Test Reports and certification as specified.

15. Ingress Protection Test Reports as specified.

16. Written warranty.

IDOT DISTRICT 1 LUMINAIRE PERFORMANCE TABLE
SIDEWALK CALC
GIVEN CONDITIONS

Sidewalk Data	Sidewalk Width	10	Ft
	Number of Lanes Left of Median	0	
	Number of Lanes Right of Median	0	
	Lane Width	10	Ft
	Median Width	0	Ft
	IES Surface Classification	R3	
	Q-Zero Value	0.07	
Mounting Data	Mounting Height	14	Ft
	Mast Arm Length	0	Ft
	Pole Set-Back from Edge of Pavement	4.5’	Ft
Luminaire Data	Source	LED	
	Color Temperature	2700	°K
	Lumens	2,642	Min
	Pay Item Lumen Designation		
	BUG Rating	B1-U3-G2 (Max)	
	IES Vertical Distribution	Medium	
	IES Control of Distribution		
	IES Lateral Distribution	Type III	
	Total Light Loss Factor	0.90	
Pole Layout Data	Spacing	100	Ft
	Configuration	One Sided	
	Luminaire Overhang over E.O.P.	-4.5	Ft

NOTE: Variations from the above specified I.E.S. distribution pattern may be requested, and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

Sidewalk	Average Illuminance, E_{AVE} (Min)	0.5	FC
	Uniformity Ratio, E_{AVE}/E_{MIN}	5.0	Max

NORTH YORK STREET
SIDEWALK ILLUMINANCE CALCULATION

Luminaire Schedule

Symbol	Label	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
⊠	G2-2410-270-1-30W	UTILD-PAL-30-730-2-T3-BK-BC - DIFUSER	0.900	2642	30	210

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min
N York Rd - SDWK calc 30watt_Illum	Illuminance	Fc	0.56	1.34	0.12	4.67
Vertical Illuminance 30 watt sdw	Illuminance	Fc	0.42	2.0	0.0	N.A.

Installation.

Each luminaire shall be installed according to the luminaire manufacturer's recommendations.

Luminaires which are pole mounted shall be mounted on site such that poles and arms are not left unloaded. Pole mounted luminaires shall be leveled/adjusted after poles are set and vertically aligned before being energized. When mounted on a tenon, care shall be exercised to assure maximum insertion of the mounting tenon. Each luminaire shall be checked to assure compatibility with the project power system. When the night-time check of the lighting system by the Engineer indicates that any luminaires are mis-aligned, the mis-aligned luminaires shall be corrected at no additional cost.

No luminaire shall be installed prior to approval. Where independent testing is required, full approval will not be given until complete test results, demonstrating compliance with the specifications, have been reviewed and accepted by the Engineer.

Pole wiring shall be provided with the luminaire. Pole wire shall run from handhole to luminaire.
Pole wire shall be sized No. 10, rated 600 V, RHW/USE-2, and have copper conductors, stranded in conformance with ASTM B 8. Pole wire shall be insulated with cross-linked polyethylene (XLP) insulation. Pole wire shall include a phase, neutral, and green ground wire. Wire shall be trained within the pole or sign structure so as to avoid abrasion or damage to the insulation.

Pole wire shall be extended through the pole, pole grommet, luminaire ring, and any associated arm and tenon. The pole wire shall be terminated in a manner that avoids sharp kinks, pinching, pressure on the insulation, or any other arrangement prone to damaging insulation value and producing poor megger test results. Wires shall be trained away from heat sources within the luminaire. Wires shall be terminated so all strands are extended to the full depth of the terminal lug with the insulation removed far enough so it abuts against the shoulder of the lug, but is not compressed as the lug is tightened.

Included with the pole wiring shall be fusing located in the handhole. Fusing shall be according to Article 1065.01 with the exception that fuses shall be 6 amperes.

Each luminaire and optical assembly shall be free of all dirt, smudges, etc. Should the optical assembly require cleaning, a luminaire manufacturer approved cleaning procedure shall be used.

Horizontal mount luminaires shall be installed in a level, horizontal plane, with adjustments as needed to insure the optics are set perpendicular to the traveled roadway.

When the pole is bridge mounted, a minimum size stainless steel 1/4-20NC set screw shall be provided to secure the luminaire to the mast arm tenon. A hole shall be drilled and tapped through the tenon and luminaire mounting bracket and then fitted with the screw.

Warranty.

The entire luminaire and all of its component parts shall be covered by a 10-year warranty. Failure is when one or more of the following occur:

1) Negligible light output from more than 10 percent of the discrete LEDs.
2) Significant moisture that deteriorates performance of the luminaire.
3) Driver that continues to operate at a reduced output due to overheating.

The warranty period shall begin on the date of luminaire shipment. The Contractor shall verify that the Resident Engineer has noted the shipment date in the daily diary. Copy of the shipment documentation shall be submitted.

The replacement luminaire shall be of the same manufacturer, model, and photometric distribution as the original.

Basis of Payment. This work will be paid for at the contract unit price per each for LUMINAIRE, LED, SPECIAL, which shall be payment in full for the material, equipment, and labor required to furnish and install the luminaire as described herein and shown in the plans.

UNDERPASS LUMINAIRE (SPECIAL)

Description: This work shall consist of furnishing and installing LED underpass luminaire as shown on the plans, specified herein and installation according to Section 821 of the Standard Specification.

Materials: The underpass luminaire shall be Holophane Wallpack LED model number W4GLED 10C1000 30K T3M MVOLT SPD BKSDP

Material for the LED luminaire shall be according to the following:

Optics
- IP66 rated
- Type 3 medium light distribution per IESNA classification.
- Tempered glass lens

Performance
- Rated for -40°C to 40°C ambient air temperature range
- Color temperature of 3000K
- Fixture wattage of 39 watts with 3,140 lumens
- B0-U3-G3

Electronic Drivers
- Multi-volt 120-277 V
- Greater than 0.9 power factor
- Less than 20% harmonic distortion
- 20kV/10kA level of surge protection.

Housing
- Holophane Wallpack LED is 15” high x 16” wide x 8” depth
- Housing is die-cast aluminum and fully gasketed