



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 7, 2023

SUBJECT FAP Route 332 (IL 394/Calumet Expwy)
Project HSIP-FFVJ(356)
Section 2021-057-N
Will County
Contract No. 62N88
Item No. 124, June 16, 2023 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 Table of Contents to the Special Provisions
3. Revised pages 26, 35 & 63 of the Special Provisions
4. Added page 153 to the Special Provisions
5. Revised sheets 11-13 & 77-81 of the Plans

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

MTS

TABLE OF CONTENTS

LOCATION OF IMPROVEMENT	1
DESCRIPTION OF IMPROVEMENT	1
MAINTENANCE OF ROADWAYS (D-1).....	2
RECLAIMED ASPHALT PAVEMENT FOR NON-POROUS EMBANKMENT AND BACKFILL (D1).....	2
TRAFFIC CONTROL AND PROTECTION (ARTERIALS) (D-1)	3
TRAFFIC CONTROL PLAN	3
COARSE AGGREGATE FOR BACKFILL, TRENCH BACKFILL AND BEDDING (D1).....	4
EMBANKMENT I (D1).....	5
ENGINEER’S FIELD OFFICE TYPE A (D1).....	7
FRICTION AGGREGATE (D-1)	7
GRADING AND SHAPING SHOULDERS (D1)	10
HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D-1)	10
HOT-MIX ASPHALT – MIXTURE DESIGN VERIFICATION AND PRODUCTION (D1).....	15
PUBLIC CONVENIENCE AND SAFETY (DIST 1)	16
STATUS OF UTILITIES (D-1).....	17
TEMPORARY PAVEMENT (D-1)	22
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (PROJECT SPECIFIC).....	22
TEMPORARY INFORMATION SIGNING	25
LIGHT POLE, SPECIAL.....	27
UNIT DUCT	27
ROADWAY LUMINAIRE, LED	29
MAINTENANCE OF LIGHTING SYSTEMS.....	41
UNDERGROUND RACEWAYS.....	46
GENERAL ELECTRICAL REQUIREMENTS.....	47
HEADWALL REMOVAL	63
REMOVE AND REINSTALL HIGH TENSION CABLE MEDIAN BARRIER	63
REMOVE HIGH TENSION CABLE MEDIAN BARRIER	64
CONCRETE WINGWALL REMOVAL.....	64
CONTRACTOR COOPERATION	64
STRUCTURAL REPAIR OF CONCRETE	65
AGGREGATE SUBGRADE IMPROVEMENT (BDE)	75
BLENDED FINELY DIVIDED MINERALS (BDE).....	78
COMPENSABLE DELAY COSTS (BDE).....	78
CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE).....	82

Revised 6/2/2023

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)	84
HIGH TENSION CABLE MEDIAN BARRIER REMOVAL (BDE).....	94
HOT-MIX ASPHALT – LONGITUDINAL JOINT SEALANT (BDE).....	95
PERFORMANCE GRADED ASPHALT BINDER (BDE).....	96
SEEDING (BDE)	101
SOURCE OF SUPPLY AND QUALITY REQUIREMENTS (BDE)	106
SPEED DISPLAY TRAILER (BDE).....	107
STEEL COST ADJUSTMENT (BDE).....	108
SUBCONTRACTOR AND DBE PAYMENT REPORTING (BDE)	111
SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)	111
SUBMISSION OF PAYROLL RECORDS (BDE).....	112
SURFACE TESTING OF PAVEMENTS – IRI (BDE)	113
TRAINING SPECIAL PROVISIONS (BDE)	119
IDOT TRAINING PROGRAM GRADUATE ON-THE-JOB TRAINING SPECIAL PROVISION.....	122
VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)	124
WEEKLY DBE TRUCKING REPORTS (BDE).....	124
WORK ZONE TRAFFIC CONTROL DEVICES (BDE)	125
WORKING DAYS (BDE)	126
404 PERMIT	127
NATIONWIDE PERMIT SUMMARY	132
IEPA PERMIT	146
REMOVAL OF EXISTING LUMINAIRE, SALVAGE	153

Revised 6/2/2023

The attachment of temporary signs to existing sign structures or sign panels shall be approved by the Engineer. Any damage to the existing signs due to the Contractor's operations shall be repaired or signs replaced, as determined by the Engineer, at the Contractor's expense.

Signs which are placed on overhead bridge structures shall be fastened to the handrail with stainless steel bands. These signs shall rest on the concrete parapet where possible. The Contractor shall furnish mounting details for approval by the Engineer.

Method of Measurement.

This work shall be measured for payment in square feet (square meters) edge to edge (horizontally and vertically).

All hardware, posts or skids, supports, bases for ground mounted signs, connections, which are required for mounting these signs will be included as part of this pay item.

Basis of Payment.

This work shall be paid for at the contract unit price per square foot (square meter) for TEMPORARY INFORMATION SIGNING.

Revised 6/2/2023

**IDOT DISTRICT 1 LUMINAIRE PERFORMANCE TABLE
 ROADWAY LIGHTING**

GIVEN CONDITIONS

Roadway Data	Pavement Width	24	Ft
	Number of Lanes Left of Median	2	
	Number of Lanes Right of Median	2	
	Lane Width	12	Ft
	Median Width	40	Ft
	IES Surface Classification	R3	
	Q-Zero Value	0.07	
Mounting Data	Mounting Height	47.5	Ft
	Mast Arm Length	15	Ft
	Pole Set-Back from Edge of Pavement	21	Ft
Luminaire Data	Source	LED	
	Color Temperature	4000	°K
	Lumens	24,900	Min
	Pay Item Lumen Designation	H	
	BUG Rating	303	
	IES Vertical Distribution	Medium	
	IES Control of Distribution	Non-Cutoff	
	IES Lateral Distribution	Type III	
Total Light Loss Factor	0.70		
Pole Layout Data	Spacing	215	Ft
	Configuration	Opposite	
	Luminaire Overhang over E.O.P.	-6	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.

Roadway Luminance	Average Luminance, L_{AVE} (Max)	0.9	Cd/m ²
	Average Luminance, L_{AVE} (Min)	0.6	Cd/m ²
	Uniformity Ratio, L_{AVE}/L_{MIN}	3.5	Max
	Uniformity Ratio, L_{MAX}/L_{MIN}	6.0	Max
	Veiling Luminance Ratio, L_V/L_{AVE}	0.30	Max

Revised 6/2/2023

HEADWALL REMOVAL

DESCRIPTION.

This work shall consist of the removal of existing end treatments for pipes as designated in the plans. End treatments shall include, but not be limited to, the following items regardless of material and size: culvert headwalls, culvert end sections, pipe headwalls, pipe end sections, pipe flared end sections, and sloped headwalls.

CONSTRUCTION REQUIREMENTS.

Existing end treatments shall be removed fully as designated in the plans. The Contractor shall carefully remove end treatments to minimize damage to existing connecting pipes to remain in service. Damaged pipes shall be replaced as directed by the Engineer at the Contractor's own expense. Materials that are not to be salvaged shall be removed and disposed of according to Article 202.03 of the Standard Specifications. At locations designated by the Engineer, all earth and debris shall be removed from the invert of the portions of pipes which are to remain in service after the end treatment has been removed.

METHOD OF MEASUREMENT.

This work will be measured for payment in units of each at the location designated on the plans regardless of size, type, or material. Excavation of earth necessary to perform the removal of end treatments will not be measured for payment.

BASIS OF PAYMENT.

This work will be paid for at the contract unit price per each for "HEADWALL REMOVAL". When the Engineer directs that earth and debris be removed from existing pipes, such removal will be paid for according to Article 109.04 of the Standard Specifications.

Pay Item Number	Designation	Unit of Measure
Z0029604	HEADWALL REMOVAL	EACH

REMOVE AND REINSTALL HIGH TENSION CABLE MEDIAN BARRIER

Description: This work shall consist furnishing all materials, equipment, and labor required for the removal and reinstallation of the existing high tension cable median barrier (HTCMB) at the locations shown in the plans. This work shall be done in accordance with Section 644 of the Standard Specifications, as stated herein, and as determined by the Engineer.

The removal and reinstallation of the HTCMB cable will be measured for payment per FOOT along the top cable and the length of removal and reinstallation shall be measured between the actual posts removed and re-installed, not the entire length of cable that was taken down or the tension released in order to accommodate the proposed improvements.

Basis of Payment: This work will be paid for at the contract unit price per foot for REMOVE AND REINSTALL HIGH TENSION CABLE MEDIAN BARRIER.

Revised 6/2/2023

REMOVAL OF EXISTING LUMINAIRE, SALVAGE

Effective: January 1, 2023

Description: This work shall consist of disconnecting, removing, packaging and transporting to a storage facility within District 1 an existing luminaire, either roadway or high mast, as specified herein and as directed by the Engineer.

CONSTRUCTION REQUIREMENTS

General. Prior to the removal of any equipment, the Contractor shall arrange an inventory inspection with the Engineer.

No removal work shall be permitted without approval from the Engineer.

Any damage resulting from the removal and/or transportation of the luminaires, shall be repaired to its original condition, or replace kind, at the Contractor's own expense, to the satisfaction of the Engineer. The Engineer shall be the sole judge to determine the extent of damage.

Luminaires shall be removed, boxed in new containers, approved by the Engineer, and delivered to a storage facility within District 1, as designated by the Engineer.

Lamps shall not be removed from the luminaires.

Packaging. The luminaires shall be individually boxed with internal bracing (corner board) to prevent the boxes being crushed when stacked. The boxes shall be sized to minimize the movement of the luminaires.

The boxes shall then be palletized to facilitate transportation and storage. The pallet shall be shrink wrapped to prevent movement of the boxes.

The quantity of luminaires shall be coordinated with the Engineer to facilitate transportation and storage.

Method of Measurement. Each luminaire which is removed and delivered to storage shall be counted as a unit for payment.

Basis of Payment: Removal of lighting units will be paid for at the contract unit price per each for REMOVAL OF LUMINAIRE, SALVAGE or REMOVAL OF LUMINAIRE, NO SALVAGE of the type specified.

Added 6/2/2023