



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

January 3, 2024

SUBJECT: FAI 39 (I-39) & FAP 525 (US 20)
Project NHPP-6QNF(571)
Section (5)RS & (5&5HB)RC
Winnebago County
Contract No. 64R71
Item No. 164, January 19, 2024 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 55, 74, 76, and 111-115 of the Special Provisions.
4. Added pages 301-302 to the Special Provisions.
5. Revised sheets 5, 6, 20, 30, 32, 33, 67, 68, 226, 228, 394, 430, 432, 661, 670, 673, 674, 682, 688, 691, and 706 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

TABLE OF CONTENTS

LOCATION OF PROJECT	1
DESCRIPTION OF PROJECT	1
COMPLETION DATE PLUS WORKING DAYS.....	2
INTERIM COMPLETION TIME RESTRICTIONS – MALL DRIVE STAGED CONSTRUCTION WORK	2
INTERIM COMPLETION TIME RESTRICTIONS – HARRISON AVENUE AT MALL DRIVE STAGED CONSTRUCTION WORK.....	2
INTERIM COMPLETION DATE – MALL DRIVE CONSTRUCTION.....	2
INTERIM COMPLETION DATE – WINTER SHUTDOWN.....	3
INTERIM COMPLETION DATE – STAGE 3B	3
FAILURE TO COMPLETE THE WORK ON TIME – INTERIM COMPLETION DATES, TIME RESTRICTIONS AND WINTER SHUTDOWN	4
COORDINATION WITH ADJACENT AND/ OR OVERLAPPING CONTRACTS.....	4
AVAILABILITY OF ELECTRONIC FILES	8
CRITICAL PATH SCHEDULE.....	9
MAINTENANCE OF ROADWAYS	9
PCC AUTOMATIC BATCHING EQUIPMENT	9
PCC QC/QA ELECTRONIC REPORTS SUBMITTAL	10
TRAFFIC CONTROL PLAN	10
MAXIMUM DROP-OFFS BETWEEN ADJACENT LANES	17
TEMPORARY LINEAR DELINEATOR PANELS.....	18
WORK ZONE PAVEMENT MARKING AND REMOVAL	19
MOWING	19
ASPHALT PAVEMENT CONSTRUCTION (ILLINOIS TOLLWAY).....	19
AGGREGATE SHOULDERS, TYPE B 4” (ILLINOIS TOLLWAY).....	41
BOX CULVERT END SECTIONS	43
PIPE CULVERTS.....	44
GUARDRAIL REMOVAL.....	45
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (PROJECT SPECIFIC).....	45
CONCRETE FOUNDATIONS	47

GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS48

UNIT DUCT (ILLINOIS TOLLWAY).....49

LIGHT POLES (ILLINOIS TOLLWAY).....50

MAST ARM DAMPENING DEVICE52

TEMPORARY TRAFFIC SIGNAL INSTALLATION52

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT54

ABANDON EXISTING CULVERT55

HEADWALL REMOVAL.....55

REMOVE EXISTING SIGN POST.....56

CLEANING EXISTING MANHOLE OR HANDHOLE.....56

STABILIZED CONSTRUCTION ENTRANCE.....57

EMERGENCY DETOUR SIGNING57

DRAINAGE STRUCTURES TO BE ADJUSTED59

DRAINAGE STRUCTURE TO BE REMOVED59

FENCE REMOVAL60

PROPERTY MARKERS.....60

GEOTECHNICAL REINFORCEMENT.....61

MAINTAIN EXISTING LIGHTING SYSTEM (ILLINOIS TOLLWAY)62

MAINTENANCE OF LIGHTING SYSTEMS68

OPTIMIZE TRAFFIC SIGNAL SYSTEM.....71

STORM SEWER WATER MAIN REQUIREMENT74

TEMPORARY PAVEMENT.....74

TEMPORARY PAVEMENT (VARIABLE DEPTH)76

SLOTTED DRAIN 18” WITH VARIABLE SLOT.....76

SLEEPER SLAB77

TEMPORARY TRAFFIC SIGNAL TIMING77

CONSTRUCTION LAYOUT SPECIAL UTILIZING GPS EQUIPMENT.....78

WIDE AREA VIDEO DETECTION SYSTEM COMPLETE79

CAT 5 ETHERNET CABLE.....85

COMMUNICATIONS CABINET AND EQUIPMENT85

DRAINAGE RESTRICTOR87

REMOVE EXISTING CABLE87

SIGNAL TIMING88

WASHOUT BASIN.....	88
TEMPORARY WOOD POLE	89
SANITARY SEWER MAIN LINE REPAIR	89
PRECAST CONCRETE JUNCTION CHAMBER.....	91
BOX CULVERT REMOVAL	91
HELIX FOUNDATION AND BREAKWAY DEVICE (ILLINOIS TOLLWAY).....	92
LUMINARE, LED, SPECIAL (ILLINOIS TOLLWAY).....	93
FIBER OPTIC CABLE, SINGLE MODE	94
POLYETHYLENE DUCT.....	108
MAINTENANCE MOWING.....	110
X1900010 SEEDING, CLASS 4A AND 5	111
AGGREGATE SUBGRADE IMPROVEMENT 12" (SPECIAL) (ILLINOIS TOLLWAY).....	115
TEMPORARY PAVEMENT (INTERSTATE)	118
TEMPORARY PAVEMENT REMOVAL.....	119
JOINT TRIMMING	120
ISLAND REMOVAL	120
REMOVE CONCRETE BOX CULVERT END SECTION	121
TRAVERSABLE PIPE GRATE (SPECIAL)	121
ABANDON AND FILL EXISTING STORM SEWER	122
CONTROL STRUCTURES (SPECIAL).....	122
INLETS, SPECIAL, WITH FRAME AND GRATE	123
TEMPORARY DRAINAGE CONNECTION	123
CATCH BASINS, TYPE A, 4'-DIAMETER W/ GRATE NO. 1 (SPECIAL).....	124
CATCH BASINS, TYPE A, 5'-DIAMETER W/ GRATE NO. 1 (SPECIAL).....	124
MANHOLES, TYPE A, WITH SPECIAL FRAME AND GRATE	124
DOUBLE INLET (SPECIAL).....	125
INLETS (SPECIAL).....	125
SANITARY MANHOLES TO BE REMOVED.....	126
SANITARY MANHOLES TO BE ADJUSTED	126
SANITARY MANHOLES TO BE RECONSTRUCTED.....	129
CONCRETE MEDIAN (SPECIAL).....	132
LINEAR DELINEATOR PANELS, 6 INCH.....	132
REMOVE IMPACT ATTENUATORS, NO SALVAGE.....	134

REMOVE ATTENUATOR BASE	134
ENGINEER’S FIELD OFFICE, TYPE A (SPECIAL)	134
TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	136
IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE).....	137
IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, RESETTABLE).....	137
IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW).....	138
TEMPORARY SIGN PANEL OVERLAY	138
REMOVE AND REINSTALL SIGN PANEL	139
SIGN PANEL OVERLAY (SPECIAL)	139
REMOVAL OF TOWER FOUNDATION.....	140
MAINTENANCE OF EXISTING FIBER OPTIC CABLE (FOC) NETWORK.....	140
FIBER OPTIC SPLICE - MAINLINE.....	143
EMERGENCY VEHICLE PRIORITY SYSTEM.....	145
TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL).....	146
REMOVE FIBER OPTIC CABLE FROM CONDUIT	148
ILLINOIS TOLLWAY MATERIAL SPECIFICATION APPENDIX.....	149
SECTION 1065. PROTECTIVE DEVICES	149
SECTION 1066. WIRE AND CABLE.....	150
SECTION 1067. LUMINAIRE.....	152
SECTION 1069. POLE AND TOWER	170
SECTION 1070. FOUNDATION AND BREAKAWAY DEVICES	175
SECTION 1088. WIREWAY AND CONDUIT SYSTEM.....	177
ACCESSIBLE PEDESTRIAN SIGNALS (APS) (BDE).....	180
AGGREGATE SUBGRADE IMPROVEMENT (BDE).....	181
BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE).....	183
CEMENT, TYPE IL (BDE).....	185
COMPENSABLE DELAY COSTS (BDE)	185
DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)	188
FUEL COST ADJUSTMENT (BDE)	197
HOT-MIX ASPHALT (BDE).....	199
HOT-MIX ASPHALT – LONGITUDINAL JOINT SEALANT (BDE).....	199
PERFORMANCE GRADED ASPHALT BINDER (BDE).....	201
PORTLAND CEMENT CONCRETE (BDE)	205

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)	206
SEEDING (BDE).....	207
SOURCE OF SUPPLY AND QUALITY REQUIREMENTS (BDE)	212
SPEED DISPLAY TRAILER (BDE)	213
STEEL COST ADJUSTMENT (BDE).....	214
SUBCONTRACTOR AND DBE PAYMENT REPORTING (BDE)	216
SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE).....	217
SUBMISSION OF PAYROLL RECORDS (BDE).....	217
SURFACE TESTING OF PAVEMENTS – IRI (BDE).....	218
TRAFFIC SPOTTERS (BDE).....	224
TRAINING SPECIAL PROVISIONS (BDE)	225
IDOT TRAINING PROGRAM GRADUATE ON-THE-JOB TRAINING SPECIAL PROVISION.....	227
VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE).....	229
WEEKLY DBE TRUCKING REPORTS (BDE).....	230
WOOD SIGN SUPPORT (BDE).....	230
WORK ZONE TRAFFIC CONTROL DEVICES (BDE).....	230
PROJECT LABOR AGREEMENT	233
SWPPP.....	252
CLASS D PATCHES, TYPE III, 12 INCH (SPECIAL).....	301
TUBULAR MARKER.....	302
TUBULAR MARKER MAINTENANCE	302

they were removed. If equipment is not returned according to these requirements, it will be rejected by the State. The Contractor shall be responsible for the condition of the traffic signal equipment from the time Contractor takes maintenance of the signal installation until the acceptance of a receipt drawn by the State indicating the items have been returned in good condition.

The Contractor shall safely store and arrange for pick up or delivery of all equipment to be returned to agencies other than the State. The Contractor shall package the equipment and provide all necessary documentation as stated above.

Traffic signal equipment which is lost or not returned to the Department for any reason shall be replaced with new equipment meeting the requirements of these Specifications at no cost to the contract.

ABANDON EXISTING CULVERT

Description. This work shall include all labor, material, and equipment necessary **for filling (with CLSM or other suitable) and** the abandonment of existing culvert(s) and existing drainage pipe(s) at location(s) shown on the Engineering Plans, in accordance with the first paragraph of Article 550.05 of the Standard Specifications, as directed by the Engineer, and as specified herein.

General. The Contractor shall furnish and place abandonment materials, and all incidental parts meeting the dimensions and angles of the details in the Plans.

Method of Measurement. This work will be measured in place per each for ABANDON EXISTING CULVERT.

Basis of Payment. This work will be paid for at the contract unit price per each for ABANDON EXISTING CULVERT, which price shall be payment in full for all equipment, labor, materials, fabrication, excavation and backfilling, dewatering, bedding, filling, construction and all incidentals required to construct the complete ABANDON EXISTING CULVERT to the dimensions and grades shown on the Plans.

HEADWALL REMOVAL

Description. This work shall consist of the removal and disposal of existing concrete headwalls at various locations as shown in the plans. This work shall be done in accordance with the applicable portions of Sections 202 and 501 of the Standard Specifications.

Method of Measurement. HEADWALL REMOVAL will be measured for payment per each headwall removed and disposed.

Basis of Payment. This work will be paid for at the contract unit price per each for HEADWALL REMOVAL, which price shall include the complete removal and disposal of the existing headwall, and all materials, labor, tools and equipment, and backfilling of any excavation at locations shown in the plans, as specified herein, and as directed by the Engineer.

STORM SEWER WATER MAIN REQUIREMENT

Description. This work shall consist of furnishing and installing water main quality pipe at the locations shown on the plans.

Materials.

Ductile iron water main Class 52

Joints for ductile iron pipe shall be:

Mechanical Joints – AWWA C111 and C600

Push-On-Joints – AWWA C111 and C600

Polyvinyl Chloride (PVC) Class 1245B (PVC 1120) or Class 12454C (PVC 1220).

Schedule 40 is required for 8" diameter and schedule 80 for larger sizes

Construction Requirements.

The storm sewer water main shall be installed according to the applicable portions of Section 550 and 561 of the Standard Specifications and the Standard Specifications for Water and Sewer Main Construction. In case of conflict between the Standard Specifications, the Standard Specifications for Water and Sewer Main Construction in Illinois shall take precedence and shall govern. **Ductile iron pipe shall be used under roadways.**

No testing or disinfections of the newly laid storm sewer water main will be required. A water tight connection is required between the storm sewer water main and the storm sewer.

Method of Measurement. Storm sewer water main of the various diameters will be measured for payment in feet, measured in place.

Basis of Payment. This work will be paid for at the contract unit price per foot for STORM SEWER WATER MAIN REQUIREMENT, of the diameter specified.

TEMPORARY PAVEMENT

This work shall consist of placing a Hot-Mix Asphalt Binder Course or Portland Cement Concrete Pavement (Jointed) with a stabilized subbase and aggregate subgrade improvement to serve as temporary pavement at the locations shown on the Plans along Harrison Avenue/US 20. The choice of material to be used for this item is left to the Contractor to choose from the following options:

HOT-MIX ASPHALT OPTION

This work shall consist of placing and compacting 12 inches of Aggregate Subgrade Improvement and constructing 9 inches of Hot-Mix Asphalt Binder Course along Harrison Avenue/US 20 and all ramps to serve as temporary pavement at the location shown on the Plans.

The hot-mix asphalt option shall be used for temporary pavement noted to be left in place on the east end of the project limits of Harrison Avenue/US 20.

Revised January 3, 2024

TEMPORARY PAVEMENT (VARIABLE DEPTH)

Description. This work shall consist of constructing and maintaining temporary pavement placed over existing pavement as shown in the plans or directed by the Engineer.

General. The Contractor shall use Hot-Mix Asphalt according to Sections 355, 356 and 406 of the Standard Specifications, and other applicable special provisions contained herein. The Hot-Mix Asphalt mixtures to be used shall be as specified in the plans. The thickness of the Temporary Pavement shall be as described in the plans and placed with a minimum lift thickness of 2-1/4" or as directed by the Engineer.

Articles 355.08 and 406.11 of the Standard Specifications shall not apply.

The removal of the temporary pavement as required, shall conform to Section 440 of the Standard Specifications.

Method of Measurement. Temporary pavement will be measured in place and the area computed in tons.

Basis of Payment. This work will be paid for at the contract unit price per ton for TEMPORARY PAVEMENT (VARIABLE DEPTH).

Removal of temporary pavement will be paid for under TEMPORARY PAVEMENT REMOVAL.

SLOTTED DRAIN 18" WITH VARIABLE SLOT

Description. This work consists of furnishing and installing slotted drains at the locations shown in the plans and all accessories (including concrete encasement and aggregate) required for connecting the slotted drain pipes and connections to drainage structures where necessary.

General. Slotted drain shall be corrugated steel pipe conforming with the applicable requirements of Section 542 of the Standard Specifications, the details shown in the plans, and as described herein. The slotted drain must be properly positioned in the trench prior to backfilling. The upper end of the drain shall be capped as directed by the Engineer. Once the slotted drain is backfilled, it should be covered prior to placing the final surfacing.

Method of Measurement. This work will be measured per foot in place.

Basis of Payment. This work will be paid for at the contract unit price for foot for SLOTTED DRAIN 18" WITH VARIABLE SLOT.

Revised January 3, 2024

X1900010 SEEDING, CLASS 4A AND 5

Issued 1/03/2024

The work shall consist of planting seed by a no till method. No till methods that are acceptable include a seed drill, or hydraulic seeder. The application of the herbicide shall be applied first before planting any permanent seeding. The seed mixture is listed below and should be applied at 14 lbs/acre.

Mixture shall include the following species:

Prairie Bergamot (*Monarda fistulosa*)
Butterfly Milkweed (*Asclepias tuberosa*)
Sky Blue Aster (*Aster azureus*)
Smooth Aster (*Aster laevis*)
New England Aster (*Aster novae-angliae*)
Spiderwort (*Tradescantia Ohiensis*)

Class 4A and Class 5 mixtures shall be used in conjunction on all back slopes and foreslopes within the construction limits and on disturbed soils. Contractor shall abide by the specs in Section 250 on planting and soil preparation. Class 5 Annuals Mixture shall not exceed 20% by weight of any one species. Forb Mixture not exceeding 10% by weight PLS of any one species.

Thirty days prior to the time of seeding, the Contractor shall provide the following.

- a. Name and location of the seed supplier.
- b. Origin and date of harvest of each of the various kinds of seed.
- c. A statement of the purity and germination of the seeds.
- d. The estimated number of seeds/lb of each of the kinds of seed to be furnished.

Site Preparation. Site shall be mowed one or more times to a height of not less than 6 in. prior to planting any permanent seeding. Mowing shall be completed prior to October 15. Planting shall take place between May 15 to June 30 and October 15 to December 1. The equipment required is Article 250.03 (g).

Equipment. The capacity of the equipment shall be sufficient to perform the work and in the time period as specified herein, and as approved by the Engineer.

Method of Measurement. Seeding of the class specified will be measured in acres of surface area seeded or mowed.

Basis of Payment. This work will be paid for at contract unit price per acre for SEEDING, CLASS 4A and 5.

Mowing will be paid for at the contract unit price per acre for MOWING.

Revised January 3, 2024

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AGGREGATE SUBGRADE IMPROVEMENT 12" (SPECIAL) (ILLINOIS TOLLWAY)

This Special Provision shall only be utilized for aggregate subgrade placed between I-39 SB stations 2747+00.00 and 2751+53.11.

Effective: October 29, 2012

Revised: April 6, 2022

Description. This work shall consist of furnishing, transporting, placing, compacting and finishing an aggregate subgrade on the finished subgrade in accordance with this special provision and to the lines, dimensions, and cross sections shown on the Plans, and as required by the Engineer. Subgrade aggregate consists of porous granular embankment (PGE) aggregate and a dense graded capping aggregate. The specified thickness of subgrade aggregate will include 3-inches of capping aggregate on the top (thickness varies under shoulders) and PGE below the capping aggregate to the specified depth.

Materials. The materials used for SUBGRADE AGGREGATE shall consist of the following: If recycled aggregate is used for this application, work shall be in accordance with the Illinois Tollway Special Provision for Production of Recycled Aggregate, including completion of the Illinois Tollway A-60 Form "Material Management Plan for Production of Recycled Aggregate".

Porous Granular Embankment (PGE)

The coarse aggregate for PGE shall be crushed stone, crushed blast furnace slag, crushed gravel, or crushed concrete. Crushed concrete shall have no more than 5% RAP. Virgin steel slag aggregates and other expansive materials as determined through testing by the Illinois Tollway will not be permitted. The coarse aggregate for PGE shall consist of sound durable particles with no more than 5% deleterious material as per Illinois Test Procedure (ITP) 203 in the IDOT Manual of Aggregate Quality Test Procedures.

Gradation testing of PGE shall follow Tollway Testing Procedure (TTP) 003 in the Illinois Tollway Manual of Modified Test Procedures. When the coarse aggregate for PGE thickness is nine inches or greater, the coarse aggregate gradation shall be as follows:

Revised January 3, 2024

CLASS D PATCHES, TYPE III, 12 INCH (SPECIAL)

Description. This work shall consist of placing Class D Patches for storm sewer installation, utility relocation, and roadway maintenance at the locations shown in the plans and as directed by the Engineer. The work shall be performed in accordance with Section 442 of the Standard Specifications, except as modified herein.

Delete Table of Types from Article 442.01 of the Standard Specifications.

Revise Note 2 from Article 442.02 of the Standard Specifications to read:

“Note 2. The mixture composition of the HMA used shall be binder course and surface course as specified in the Hot-Mix Asphalt Mixture Requirements Table.”

Add the following to Article 442.05 (c) of the Standard Specifications:

“For Class D patches, Type III, 12 Inch (Special), the transverse limits of each patch shall be approved by the Engineer. The transverse edge shall be full depth sawcut to form a clean, square edge with the pavement to remain. Damage to the pavement to remain made during the installation of the patch will be repaired to the satisfaction of the Engineer at the Contractor's expense.”

Add the following to Article 442.10 of the Standard Specifications:

“Class D Patches, Type III, 12 Inch (Special) shall be measured per square yard.”

Add the following to Article 442.11 of the Standard Specifications:

“This work shall be paid for at the contract unit price per square yard of CLASS D PATCHES, TYPE III, 12 INCH (SPECIAL), which price shall include all labor, materials and equipment necessary to perform the work. All patches, regardless of the final area of each patch, will be paid for as a Type III Patch. Full depth sawcuts will not be measured for payment and will be included in the cost for this item.”

Added January 3, 2024

TUBULAR MARKER

At locations shown in the plans the Contractor shall install and remove tubular markers in accordance with Section 701 of the Standard Specifications and Standard 701901.

Basis of Payment. This work will be paid for at the contract unit price per each for TUBULAR MARKER.

TUBULAR MARKER MAINTENANCE

This item shall consist of all materials and labor necessary to maintain the tubular markers required as part of the Traffic Control Plans.

The reattachment of the tubular marker to the base shall be considered included in the cost of the Traffic Control and Protection used.

Any unit which needs to be repaired due to failure of the attachment of the base to the pavement at any time after installation shall be re-attached by the Contractor at no additional cost to the Department. Any tubular marker which needs to be replaced within seven calendar days after installation shall be replaced by the Contractor at no additional cost to the Department.

The quantity listed in the contract is only an estimate of the anticipated number of units requiring repair.

Any tubular marker which needs to be replaced after seven calendar days will be paid for as TUBULAR MARKER MAINTENANCE.

Basis of Payment. This work will be paid for at the contract unit price per each for TUBULAR MARKER MAINTENANCE.

Added January 3, 2024