



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

January 12, 2023

SUBJECT FAP Route 541 (IL 132)
Project NHPP-ZM57(675)
Section WR(2)-R-1
Lake County
Contract No. 62A53
Item No. 80, January 20, 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 page iii of the Table of Contents to the Special Provisions.
3. Revised page 2 of the Special Provisions.
4. Added pages 148-154 to the Special Provisions.
5. Revised sheets 2-5, 22, 23, 31, 34, 36A, 36B, 79, 80, 84 & 85 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

SOURCE OF SUPPLY AND QUALITY REQUIREMENTS (BDE) 114
STEEL COST ADJUSTMENT (BDE)..... 115
SUBCONTRACTOR AND DBE PAYMENT REPORTING (BDE) 118
SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE) 118
SUBMISSION OF PAYROLL RECORDS (BDE) 119
TRAINING SPECIAL PROVISIONS (BDE) 120
IDOT TRAINING PROGRAM GRADUATE ON-THE-JOB TRAINING SPECIAL PROVISION..... 123
VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE) 125
WEEKLY DBE TRUCKING REPORTS (BDE)..... 125
WORK ZONE TRAFFIC CONTROL DEVICES (BDE) 125
PROJECT LABOR AGREEMENT 128
CREOSOTE SOAKED TIMBERS..... 148
PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE..... 149
SEEDING, CLASS 4 (MODIFIED) 149
SEEDING, CLASS 4B (MODIFIED)..... 152

Revised 1/12/2023

CONTRACTOR COOPERATION

It is anticipated that this contract will be constructed concurrently with another project in the same area. The project that may be under contract concurrent with this project is as follows:

Contract 62N67
IL 83 from Lake Avenue to S of Hook Drive
Section 2021-044-RS
Smart overlay and ADA Improvement
Lake County
November 18, 2022 Letting

The Contractor shall schedule their work in order to minimize any conflicts that may arise between contracts as specified in Article 105.08 of the Standard Specifications. No additional compensation will be allowed for delays or inconveniences resulting from activities of other contractors.

MAINTENANCE OF ROADWAYS (D1)

Effective: September 30, 1985 Revised: November 1, 1996

Beginning on the date that work begins on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

WORK RESTRICTION

The Contractor shall perform tree clearing/removal at the locations shown in the plans. Note: the Contractor will not be allowed to perform tree clearing/removal for Stage 2 and beyond between **April 1 to October 31 of an year.**

Revised 1/12/2023

CREOSOTE SOAKED TIMBERS

The Contractor is responsible for collecting a sample of the creosote-soaked timbers from the dry land bridge and a sample of the adjacent soil, and submitting the samples to a NELAP certified laboratory for analysis to determine the toxicity characteristics using the toxicity characteristic leaching procedure (TCLP) test method(s). The Contractor shall first contact the laboratory to determine the appropriate sampling methods and sample amounts.

The Contractor shall develop a project specific Site Sampling Work Plan and submit the plan to the District 1 Special Waste Unit (SWU) a minimum of 30 days prior to beginning construction activities. The sampling plan can be included with the BDE 2730 (Regulated Substances Pre-Construction Plan). SWU must accept the plan in writing before construction can commence.

When the waste material requires sampling for landfill disposal acceptance, the Contractor shall secure a written list of the specific analytical parameters and analytical methods required by the landfill. The Contractor shall collect and analyze the required number of samples for the parameters required by the landfill using the appropriate analytical procedures. A copy of the required parameters and analytical methods (from landfill email or on landfill letterhead) shall be provided as Attachment 4A of the BDE 2733 (Regulated Substances Final Construction Report). The price shall include all sampling materials and effort necessary for collection and management of the samples, including transportation of samples from the job site to the laboratory. The Contractor shall be responsible for determining the specific disposal facilities to be utilized, and the collection and analysis of any samples required for disposal facility acceptance, using a NELAP certified analytical laboratory registered with the State of Illinois.

Contractor shall provide notice to SWU a minimum of 48-hours prior to the planned collection of analytical samples for waste characterization and disposal. The Department reserves the right to have personnel onsite to observe sampling activities to verify compliance with the accepted work plan.

The creosote soaked timbers and adjacent soils are considered a RCRA hazardous waste if the TCLP analytical results exceed 200 milligrams per liter (mg/l) for either o-Cresol, m-Cresol, p-Cresol, or total Cresol; 100 mg/l for Pentachlorophenol; 5.0 mg/l for Chromium; and 5.0 mg/l for Arsenic (35 Illinois Administrative Code 721.124). The Contractor must compare the TCLP results to the RCRA hazardous waste levels and submit the results to District 1 Environmental Studies Unit (ESU) using a BDE 2730A form, including the reference concentrations that were used in the comparison. Hazardous timbers and soils shall be disposed as a hazardous waste. If the samples are not shown to be hazardous, the Contractor shall manage and dispose the timbers and adjacent soil as a special waste or a certified non-special waste. Disposal of creosote soaked timbers shall be performed and paid for in general accordance with Section 109.04 of Standard Specifications.

BASIS OF PAYMENT:

The analytical testing pay item for waste disposal acceptance of creosote-soaked timbers and adjacent impacted soils will be paid as SOIL DISPOSAL ANALYSIS, EACH.

Added 1/12/2023

PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE

Effective: October 31, 2006

This Special Provision revises Section 201 of the Standard Specifications to provide payment of pruning for safety and equipment clearance.

Article 201.10(c)(3) – Revise to read:

Pruning for Safety and Equipment Clearance will be measured for payment on a lump sum basis.

Article 201.11(c) – Revise the third paragraph to read:

Pruning for Safety and Equipment Clearance will be paid for at the contract lump sum price for PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE.

SEEDING, CLASS 4 (MODIFIED)

This work shall consist of preparing the seed bed, placing the seed, and other materials required in the seeding operation in areas as shown in the plans.

All work, materials and equipment shall conform to Section 250 and 1081 of the Standard Specifications except as modified herein.

The Class 4 (Modified) seed mixture shall be supplied in pounds of Pure Live Seed. All native seed species will be local genotype and verified that original seed collection source must originate from a radius of 200 miles from the project site. Fertilizer is not required.

Article 250.07 Seeding Mixtures – Add the following to Table 1:

<u>CLASS – TYPE</u>	<u>SEEDS</u>	<u>PURE LIVE SEED LB/ACRE</u>
4 (Modified) Tall Native Grass		12.0
	Andropogon gerardii (Big Bluestem)	4.0
	Elymus canadensis (Canada Wild Rye)	2.0
	Panicum virgatum (Switchgrass)	2.0
	Sorghastrum nutans (Indian Grass)	4.0
Temporary Cover		20 (lb/acre)
Fall/Winter:	Winter Rye (Secale cereale)	20.0
Spring:	Avena sativa (Annual Oats)	20.0

Added 1/12/2023

Variation in the Class 3, 4, 5, or 6 seed quantities or varieties may be allowed in the event of a crop failure or other unforeseen conditions. Quantities of proposed substitutions shall be determined by seed count. The Contractor shall provide for the approval of the Engineer a written description of the proposed changes to the Class 3, 4, 5, or 6 Mixture(s), the reasons for the change, and the name of the seed suppliers who were contacted in an effort to obtain the specified species. Adjustments will be made at no cost to the contract. Approval of substitutes shall in no way waive any requirements of the contract

Seeding Time:

Seeding shall be completed between October 15 to May 15 but not when raining or when the ground is covered with snow, unless prior written approval is received from Engineer. No seed shall be sown when the ground is not in proper condition for seeding. Seeding done outside of this time frame will not be measured for payment unless approved in writing by Engineer in advance.

The Contractor shall schedule work so that final grade is achieved during the specified seeding times. Any seeding installed on or after March 1 must be incorporated into the soil surface, but no deeper than ¼ inch, such as by rangeland type seed drill, harrow, hand rake, or other method approved by the Engineer.

Bagging, Transporting, and Storing Seed:

Seed mixtures of the specified classes shall be thoroughly mixed, labeled and bagged by the supplier. Purity and germination tests no older than twelve months old must be submitted for all seed supplied to verify quantities of bulk seed required to achieve LB PLS specified.

Seed shall be thoroughly mixed, labeled and bagged by the supplier. Seed shall be bagged, transported, and stored in such a manner to protect it from damage and to maintain the viability of the seed. All seed mixtures shall be brought to the site in clearly labeled and unopened bags.

Seed shall be adequately protected from rain, temperature extremes, rodents, insects, and other such factors that could adversely affect seed viability during transport or while being stored prior to planting. Bags of seed that are leaking, wet, moldy, or otherwise damaged shall be rejected and promptly removed from the site of work. Prior to application, the Engineer must approve the seed mix in the bags on site.

Layout of Seeding:

The Contractor shall be responsible for filed verifying the acreage of the area(s) to be seeded. The amount of seed ordered shall match the area(s) to be seeded during the pending planting season. A minimum of 30 days shall be allowed for seed acquisition, testing, and inspection.

The Contractor shall demarcate all areas to be seeded and estimate quantities of each area to determine the quantity of seed necessary to achieve the specified seed rate per acre. The Contractor shall delineate the perimeter of the seedbed with wooden lathe. The wooden lathe shall remain in place. The contractor shall provide a minimum of seven calendar days notice to the Engineer to allow for review and approval of seeding layout.

Added 1/12/2023

Inspection:

The Engineer must witness the delivery of seed with original labels attached in the field. A bag ticket must be affixed to each bag of seed upon delivery, and shall not be removed until the Engineer has reviewed and accepted each bag of seed. The label shall bear the dealer's guarantee of mixture and year grown, purity and germination, and date of test.

Seed Bed Preparation:

All area(s) to be seeded must be properly prepared prior to planting seed.

Bare earth seeding refers to sowing seed upon soils with no existing vegetative cover. In areas with existing vegetation, the vegetation shall be eradicated as specified or as directed by the Engineer. Seed bed preparation shall not be started until all requirements of Section 212 have been completed. The area to be seeded shall be worked to a minimum depth of 3 in. (75 mm) with a disk, tiller, box rake, or other equipment approved by the Engineer. In areas with heavy soils, tilling or power raking will be required to achieve the proper depth. All soil clods shall be reduced to a size not larger than ½ in. (13 mm) in the largest dimension to create a friable, pulverized topsoil surface suitable for seeding. Dragging the soil surface with the blade of a loader or dozer will not be an acceptable method of seed bed preparation. The prepared surface shall be relatively free of weeds, stones, roots, sticks, debris, rills, gullies, crusting, caking, and compaction. No seed shall be sown until the seed bed has been approved by the Engineer.

Seeding Methods:

No seed shall be sown when wind gusts exceed 25 miles per hour or when the ground is not in a proper condition for seeding, nor shall any seed be sown until the purity test has been completed for the seeds to be used, and said tests show that the seed meets the noxious weed seed requirements. All equipment shall be approved by the Engineer prior to being used. Prior to starting work, seeders shall be calibrated and adjusted to sow seeds at the required seeding rate. Equipment shall be operated in a manner to ensure complete coverage of the entire area to be seeded. The Engineer shall be notified 48 hours prior to beginning the seeding operations so that the Engineer may determine by trial runs that a calibration of the seeder will provide uniform distribution at the specified rate per acre.

Seeding Classes 3, 4, 5, and 6 shall be sown with a broadcast seeder or a rangeland type seed drill.

Hand broadcasting and other methods of sowing seed will be allowed in special circumstances as approved by the Engineer. Special circumstances include but are not necessarily limited to steep slopes (over 1:3 (V:H)), inaccessible areas, wet areas, or other unique situations where the use of the specified equipment is not possible.

Method of Measurement:

SEEDING, CLASS 4 (MODIFIED) will be measured for payment in acres of surface area of seeding for the seed mix type specified.

Basis of Payment: SEEDING, CLASS 4 (MODIFIED) shall be paid at the Contract unit price per acre. Payment shall be in full for seed, planting, and furnishing all labor to complete the work as set forth above.

Added 1/12/2023

SEEDING, CLASS 4B (MODIFIED)

Revised: June 6, 2017

All work, materials, and equipment shall conform to Section 250 and 1081 of the Standard Specifications except as modified herein.

The Class 4B (Modified) seed mix shall be supplied in pounds of Pure Live Seed. All native species will be local genotype and will be from a radius of 150 miles from the site. The Class 4B (Modified) seed mix shall be supplied with the appropriate inoculants. Fertilizer is not required.

Article 250.07 Seeding Mixtures – Add the following to Table 1:

Added 1/12/2023

Class - Type	Seeds	lb/acre (kg/hectare)
4B (MODIFIED)	Wet Prairie Mixture	
	Andropogon gerardii Big Bluestem	3 (3)
	Carex vulpinoidea Brown Fox Sedge	0.25 (0.25)
	Elymus virginicus Virginia Wild Rye	2 (2)
	Glyceria striata Fowl Manna Grass	0.25 (0.25)
	Juncus effusus Common Rush	0.25 (0.25)
	Leersia oryzoides Rice Cut Grass	0.25 (0.25)
	Panicum virgatum Switch Grass	3 (3)
	Scirpus atrovirens Dark Green Bulrush	0.25 (0.25)
	Asclepias incarnata Marsh Milkweed	0.25 (0.25)
	Eupatorium perfoliatum Common Boneset	0.25 (0.25)
	Lycopus americana Common Water Horehound	0.15 (0.15)
	Penthorum sedoides Ditch Stonecrop	0.15 (0.15)
	Rudbeckia laciniata Wild Goldenglow	0.10 (0.10)
	Silphium perfoliatum Cup Plant	0.25 (0.25)
	Verbena hastata Blue Vervain	0.25 (0.25)
	Verbesina alternifolia Wingstem	0.25 (0.25)
	Zizia aurea Golden Alexanders	0.25 (0.25)
	Oats, Spring (Temporary Cover))	15 (15)
	Annual Rye (Temporary Cover)	15 (15)

Added 1/12/2023

Notes:

1. Temporary cover seed shall be kept separate from the wetland type mixture. It shall be mixed on site under the direction of the Engineer.
2. Germination tests no older than twelve months old must be submitted for all seed supplied to verify quantities of bulk seed required to achieve KG PLS (LB PLS) specified.

If specified seed material is unavailable, the Engineer shall approve the substitutes. Adjustments will be made at no cost to the contract. Approval of substitutes shall in no way waive any requirements of the contract.

Article 250.09 – Add Seeding, Class 4B (Modified)

Article 250.10 – Add Seeding, Class 4B (Modified)

Added 1/12/2023