

# 26

**August 1, 2025 Letting**

## **Notice to Bidders, Specifications and Proposal**



**Illinois Department  
of Transportation**

**Contract No. 66R72  
Various Counties  
Section 2026-1 WEED SPRAY  
Various Routes  
District 3 Construction Funds**

Prepared by

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Checked by

(Printed by authority of the State of Illinois)



## NOTICE TO BIDDERS

- 1. TIME AND PLACE OF OPENING BIDS.** Electronic bids are to be submitted to the electronic bidding system (iCX-Integrated Contractors Exchange). All bids must be submitted to the iCX system prior to 12:00 p.m. August 1, 2025 prevailing time at which time the bids will be publicly opened from the iCX SecureVault.
- 2. DESCRIPTION OF WORK.** The proposed improvement is identified and advertised for bids in the Invitation for Bids as:

**Contract No. 66R72  
Various Counties  
Section 2026-1 WEED SPRAY  
Various Routes  
District 3 Construction Funds**

**Vegetation management control along various routes in DeKalb, Grundy, Iroquois, Kendall, LaSalle, Livingston, and Ford Counties.**

- 3. INSTRUCTIONS TO BIDDERS.** (a) This Notice, the invitation for bids, proposal and letter of award shall, together with all other documents in accordance with Article 101.09 of the Standard Specifications for Road and Bridge Construction, become part of the contract. Bidders are cautioned to read and examine carefully all documents, to make all required inspections, and to inquire or seek explanation of the same prior to submission of a bid.  
  
(b) State law, and, if the work is to be paid wholly or in part with Federal-aid funds, Federal law requires the bidder to make various certifications as a part of the proposal and contract. By execution and submission of the proposal, the bidder makes the certification contained therein. A false or fraudulent certification shall, in addition to all other remedies provided by law, be a breach of contract and may result in termination of the contract.
- 4. AWARD CRITERIA AND REJECTION OF BIDS.** This contract will be awarded to the lowest responsive and responsible bidder considering conformity with the terms and conditions established by the Department in the rules, Invitation for Bids and contract documents. The issuance of plans and proposal forms for bidding based upon a prequalification rating shall not be the sole determinant of responsibility. The Department reserves the right to determine responsibility at the time of award, to reject any or all proposals, to readvertise the proposed improvement, and to waive technicalities.

By Order of the  
Illinois Department of Transportation

Gia Biagi,  
Secretary

INDEX  
FOR  
SUPPLEMENTAL SPECIFICATIONS  
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2025

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS and frequently used RECURRING SPECIAL PROVISIONS.

ERRATA    Standard Specifications for Road and Bridge Construction                      (Adopted 1-1-22) (Revised 1-1-25)

SUPPLEMENTAL SPECIFICATIONS

<u>Std. Spec. Sec.</u>	<u>Page No.</u>
202    Earth and Rock Excavation .....	1
204    Borrow and Furnished Excavation.....	2
207    Porous Granular Embankment .....	3
211    Topsoil and Compost .....	4
406    Hot-Mix Asphalt Binder and Surface Course .....	5
407    Hot-Mix Asphalt Pavement (Full-Depth) .....	7
420    Portland Cement Concrete Pavement .....	8
502    Excavation for Structures .....	9
509    Metal Railings .....	10
540    Box Culverts .....	11
542    Pipe Culverts .....	31
550    Storm Sewers .....	40
586    Granular Backfill for Structures .....	47
630    Steel Plate Beam Guardrail .....	48
632    Guardrail and Cable Road Guard Removal .....	49
644    High Tension Cable Median Barrier .....	50
665    Woven Wire Fence .....	51
701    Work Zone Traffic Control and Protection .....	52
781    Raised Reflective Pavement Markers .....	54
782    Reflectors .....	55
801    Electrical Requirements .....	57
821    Roadway Luminaires .....	60
1003    Fine Aggregates .....	61
1004    Coarse Aggregates .....	62
1010    Finely Divided Minerals .....	63
1020    Portland Cement Concrete .....	64
1030    Hot-Mix Asphalt .....	67
1040    Drain Pipe, Tile, and Wall Drain .....	68
1061    Waterproofing Membrane System .....	69
1067    Luminaire .....	70
1097    Reflectors .....	77
1102    Hot-Mix Asphalt Equipment .....	78

RECURRING SPECIAL PROVISIONS

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

<u>CHECK SHEET #</u>		<u>PAGE NO.</u>
1	Additional State Requirements for Federal-Aid Construction Contracts .....	79
2	Subletting of Contracts (Federal-Aid Contracts) .....	82
3	X EEO .....	83
4	X Specific EEO Responsibilities Nonfederal-Aid Contracts .....	93
5	X Required Provisions - State Contracts .....	98
6	Asbestos Bearing Pad Removal .....	104
7	Asbestos Waterproofing Membrane and Asbestos Hot-Mix Asphalt Surface Removal .....	105
8	Temporary Stream Crossings and In-Stream Work Pads .....	106
9	Construction Layout Stakes .....	107
10	Use of Geotextile Fabric for Railroad Crossing .....	110
11	Subsealing of Concrete Pavements .....	112
12	Hot-Mix Asphalt Surface Correction .....	116
13	Pavement and Shoulder Resurfacing .....	118
14	Patching with Hot-Mix Asphalt Overlay Removal .....	119
15	Polymer Concrete .....	121
16	Reserved .....	123
17	Bicycle Racks .....	124
18	Temporary Portable Bridge Traffic Signals .....	126
19	Nighttime Inspection of Roadway Lighting .....	128
20	English Substitution of Metric Bolts .....	129
21	Calcium Chloride Accelerator for Portland Cement Concrete .....	130
22	Quality Control of Concrete Mixtures at the Plant .....	131
23	Quality Control/Quality Assurance of Concrete Mixtures .....	139
24	Reserved .....	155
25	Reserved .....	156
26	Temporary Raised Pavement Markers .....	157
27	Restoring Bridge Approach Pavements Using High-Density Foam .....	158
28	Portland Cement Concrete Inlay or Overlay .....	161
29	Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching .....	165
30	Longitudinal Joint and Crack Patching .....	168
31	Concrete Mix Design – Department Provided .....	170
32	Station Numbers in Pavements or Overlays .....	171



## TABLE OF CONTENTS

LOCATION OF PROJECT .....	1
DESCRIPTION OF PROJECT.....	1
COMPLETION DATE PLUS WORKING DAYS.....	1
KEEPING ROAD OPEN TO TRAFFIC .....	2
PRAIRIE WEED CONTROL- ACRE UNIT .....	2
CLEARING, SPECIAL – ACRE UNIT .....	11
PROFESSIONAL PRESCRIBED BURN – ACRE UNIT .....	13
CONTRACTOR QUALIFICATION FORMS .....	22
SITE MAPS.....	30
CEMENT, FINELY DIVIDED MINERALS, ADMIXTURES; CONCRETE, AND MORTAR (BDE) .....	35
COMPENSABLE DELAY COSTS (BDE).....	45
DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE).....	48
ILLINOIS WORKS APPRENTICESHIP INITIATIVE – STATE FUNDED CONTRACTS (BDE) .	51
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE).....	51
SUBCONTRACTOR AND DBE PAYMENT REPORTING (BDE).....	53
SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE) .....	53
SUBMISSION OF BIDDERS LIST INFORMATION (BDE).....	54
SUBMISSION OF PAYROLL RECORDS (BDE) .....	54
SURVEYING SERVICES (BDE).....	55
VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE).....	55
WEEKLY DBE TRUCKING REPORTS (BDE).....	55
WORK ZONE TRAFFIC CONTROL DEVICES (BDE).....	56

## STATE OF ILLINOIS

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### SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted January 1, 2022, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of Various Routes, Section 2026-1 Weed Spray, Various Counties, Contract No. 66R72 and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

#### LOCATION OF PROJECT

The work is located at multiple locations throughout DeKalb, Grundy, Ford, Iroquois, Kendall, LaSalle, and Livingston counties.

#### DESCRIPTION OF PROJECT

The work included in this section consists primarily of Professional Prescribed Burning and Prairie Weed Control within planted pollinator sites and/or within remnant prairie areas as indicated on the plans. This work may involve transportation of equipment and personnel, preparing burn prescription plans, burn site preparation, execution of prescribed burns, smoke management, burn site mop-up, herbicide spraying, mowing, and/or removal of small brush.

This project is located along state routes in, DeKalb, Grundy, Ford, Iroquois, Kendall, LaSalle, and Livingston counties in District 3 and shall be in accordance with the applicable portions of Section 107 of the Standard Specifications and the Special Provisions.

Detailed plans have not been prepared; however, maps and schedules showing the locations and amounts of work involved are included in the proposal.

#### COMPLETION DATE PLUS WORKING DAYS

Revise Article 108.05 (b) of the Standard Specifications to read:

“(b) Completion Date Plus Working Days. When a completion date plus working days is specified, the Contractor shall complete all contract items by 11:59 p.m. on or before **June 15, 2026**, except as specified herein.

The Contractor will be allowed **5 working days** after the completion date to complete clean-up work and punch list items.

## **KEEPING ROAD OPEN TO TRAFFIC**

The road shall be kept open to traffic at all times. Equipment shall be parked off the pavement when mixing or loading materials. Appropriate signs, in accordance with Standard 701426 shall be used. Arrow boards shall conform to Article 1106.02 of the Standard Specifications. Standard 701426 shall be used for all shoulder operations.

The Contractor shall equip all machinery and vehicles with revolving or flashing amber lights, installed so the illumination is visible from all directions.

The median crossovers will generally not be available for Contractor use.

Parking of personal vehicles within the interstate right-of-way will be strictly prohibited. Parking of construction equipment within the right-of-way will be permitted only at locations approved by the Engineer.

## **PRAIRIE WEED CONTROL- ACRE UNIT**

### **DESCRIPTION:**

This work shall consist of spot herbicide application, spot mowing, and small tree/brush removal on targeted sites for ecological management purposes. Prairie Weed Control priorities are to approach eradication of target species, encourage the healthy growth of native species, and increase overall site biodiversity. The intent is to develop a dense stand of desirable native species with minimal weed content and minimal threat from invasive species or aggressive native species.

This work will occur in the fall of 2025 through the spring of 2026 in protected areas containing established native species that have been burned and/or mown within the previous two to ten (2-10) months. These areas are IDOT native plantings or are sites that have been identified by IDNR as either INAI sites, sites possibly containing endangered or threatened species, or as remnant prairie communities. It is anticipated that much of this work will involve herbicide application, any spot mowing and small tree/brush removal should be limited and typically occur along fence lines, next to structures, or on slopes where the Department's mowers cannot operate. The work required under this contract will be accomplished utilizing tools that can be operated by hand (including walk-behind), the use of large (sit on/sit in) equipment is not anticipated.

Prairie Weed Control pricing shall include all labor, material, equipment, and transport necessary for, and incidental to, short-term maintenance of select natural areas concerning the control of invasive or other targeted woody and herbaceous flora through cultural methods, physical removal, or the application of appropriate herbicides.

### **PROSECUTION OF WORK**

Prior to beginning work, Contractor shall submit a proposed work schedule to the Engineer outlining when the materials required as part of the Special Provision are needed and when the required tasks will be completed.

This contract is to be completed as directed by the Engineer. The Engineer must be present during all work. Any work completed without the Engineer present will not be measured for payment. The Contractor shall notify the Engineer a minimum of forty-eight (48) hours prior to beginning any work.

In addition to the Engineer, the following materials and/or work shall be approved by the Roadside Management Specialist:

- Herbicide products
- Calibration of equipment
- Initial herbicide mixing and any additional herbicide mixing being completed by a different staff member
- Assessment of herbicide application coverage

Unless otherwise agreed to by the Engineer, all work for this contract is to be completed Monday-Friday between the hours of 7:00 AM-4:30 PM. Work will not be allowed during State of Illinois observed holidays unless otherwise agreed to by the Engineer.

### **EXPERIENCE**

All work shall be performed by a Contractor with at least five (5) years of documented experience in vegetation management for the purposes of ecological restoration within sensitive plant communities. At a minimum, Contractor shall have a minimum of two (2) years of documented experience in the use of herbicides for vegetation management within Illinois natural areas that include at least one of the following:

- A natural community with endangered and threatened species
- Natural areas included on the Illinois Natural Areas Inventory (INAI) for high floristic quality
- Dedicated Nature Preserves
- Registered Land and Water Reserves

All work shall be performed by the Contractor, subcontracting is not permitted.

At or prior to the Pre-Construction Conference, the Contractor shall furnish copies of required personnel training records, documented personnel experience, required certifications, and proposed equipment lists to the Engineer. Documentation of Contractor's experience must be provided using the attached form or similar format.

### **STAFF:**

The Contractor shall provide staff that meet these minimum requirements:

#### **PROJECT MANAGER**

The Contractor shall designate an employee as the Project Manager. This person shall be the sole representative of the Contractor for this work and shall be the point of contact for the Engineer. The PM shall meet the following minimum qualifications:

- At a minimum, hold a bachelor's degree in natural resources, ecology, biology, or a related field
- Have a minimum of five (5) years of documented full-time professional ecosystem restoration experience in Midwestern ecosystems/habitat types
- Have a minimum of one (1) year of documented full-time field experience in ecosystem restoration
- Hold a current State of Illinois Pesticide Commercial Applicator license with the Rights-of-Ways and Aquatics categories
- If they meet the minimum requirements, the Project Manager can fulfill the Crew Supervisor role and/or serve as a Crew Member.

### CREW SUPERVISOR

The Contractor shall designate an employee as the Crew Supervisor. This person shall be on-site during all work activities, at a minimum the Crew Supervisor shall meet the following qualifications:

- Have five (5) years documented full-time field experience in ecosystem restoration
- Hold a current State of Illinois Pesticide Commercial Applicator license with the Rights-of-Ways and Aquatics categories
- Have two (2) or more years of documented experience in the use of herbicides for vegetation management within Illinois natural areas that include at least one of the following:
  - A natural community with endangered and threatened species
  - Natural areas included on the Illinois Natural Areas Inventory (INAI) for high floristic quality
  - Dedicated Nature Preserves
  - Registered Land and Water Reserves
- If they meet the minimum requirements, the Crew Supervisor can fulfill the Project Manager role and/or serve as a Crew Member.

### CREW MEMBERS

All crew members must demonstrate the following:

- A minimum of one (1) year documented full-time field experience in ecosystem restoration
- Hold a current State of Illinois Pesticide Commercial Operator or Applicator license registered to the Contractor's Commercial Pesticide Applicator's license.
- A minimum of fifty percent (50%) of the Crew Members applying herbicide shall have two (2) or more years of documented experience in the use of herbicides for vegetation management within Illinois natural areas that include at least one of the following:
  - A natural community with endangered and threatened species
  - Natural areas included on the Illinois Natural Areas Inventory (INAI) for high floristic quality
  - Dedicated Nature Preserves
  - Registered Land and Water Reserves
- The Crew Supervisor may count toward the 50% Crew Member experience requirement if they are applying herbicide as a Crew Member.

If the personnel on the job do not have the proper license or experience, the job will be postponed until personnel who carry the proper license are on the job, with no additional payment awarded to the Contractor.

All staff provided by the Contractor to complete this work shall demonstrate familiarity with local native and exotic plants to be able to identify species to be removed and native species to be left undisturbed. Contractor's staff shall be able to identify such species and have experience with selective species removal techniques. All staff applying herbicide under the Contractor's supervision must be knowledgeable of native flora in Illinois and be able to recognize and avoid spray application to rare plants (especially state threatened or endangered species). Contractor's staff shall be able to demonstrate their knowledge in the field.

## **MATERIALS:**

### **WATER**

Potable water shall be used on the contract. No water will be allowed to be pumped from nearby creeks, ponds, or other bodies of water unless dictated by emergency need. The Contractor shall provide a list of source locations where the potable water will be obtained. The Contractor shall provide this list to the Engineer at or prior to the pre-construction conference. All proposed sources of water shall meet the approval of the Engineer prior to mobilizing for any work.

### **HERBICIDE**

All chemicals necessary for the completion of this work shall be provided by the Department. Products available include:

<b>HERBICIDES</b>		
<b>Common Name*</b>	<b>Brand</b>	<b>Chemical Name</b>
Escort XP		Metsulfuron methyl: Methyl 2[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] amino] sulfonyl]benzoate 60.0%
FreeLexx		2,4-Dichlorophenoxyacetic acid, choline salt 56.3%
Garlon 3A		triclopyr: 2-[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid, triethylamine salt 44.4%
Garlon 4 Ultra		triclopyr: 2-[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid, butoxyethyl ester 60.45%
Habitat		Isopropylamine salt of Imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid) 28.7%
Intensity		Clethodim: (E)-2-[1-[(3-chloro-2-propenyl) oxy]imino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one 26.4%
Method 240 SL		Potassium salt of aminocyclopyrachlor: Potassium salt of 6-amino-5-chloro-2- cyclopropyl -4-pyrimidinecarboxylic acid 25.0%
Milestone		aminopyralid: Triisopropanolammonium salt of 2-pyridine carboxylic acid, 4-amino-3,6-dichloro- 40.6%
Outrider		Sulfometuron-methyl {Methyl 2-[[[(4,6-dimethyl-2-pyrimidinyl)amino]-carbonyl]amino] sulfonyl]benzoate} 75.0%
Pathway		plicloram: 4-amino-3,5,6-trichloropicolinic acid, triisopropanolamine salt 5.4% + 2,4-dichlorophenoxyacetic acid, triisopropanolamine salt 20.9%
Plateau		Ammonium salt of imazapic (+/-)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-methyl-3-pyridinecarboxylic acid 23.6%
Roundup Custom		Glyphosate, N-(Phosphonomethyl)glycine, in the form of its isopropylamine salt 53.8%
Telar XP		Chlorsulfuron: 2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)aminocarbonyl] benzenesulfonamide 75.0%
Tordon 22K		picloram: 4-amino-3,5,6-trichloropicolinic acid, potassium salt 24.4%
Vastlan		Triclopyr choline: 2-[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid, choline salt 54.72%

ADJUVENTS		
Common Name*	Brand	Chemical Name
Bark Oil		Basil Oil with red marker dye
Liberate		Lecithin, methyl esters of fatty acids, and alcohol ethoxylate 100%
RRSI Sunset MSO		Methylated Seed Oil (MSO) 100.0%
Super Signal Blue		Blue spray pattern indicator

\*No product endorsement is implied by inclusion in the above table, brand names are provided for reference only. Products deemed equivalent by the Engineer may be provided in lieu of the brand names listed.

The Department shall provide the Contractor with printed copies of herbicide labels and MSDS sheets for the chemicals being used.

Mixtures of herbicides used shall be determined by the Department on a site-by-site basis in coordination with IDNR and will be dependent on the species being targeted, the area work is being performed, and the time of year the work is being performed.

#### **EQUIPMENT:**

The Contractor shall provide all equipment and materials needed for execution of the work; at a minimum the following items are required:

#### **VEHICLES**

- One (1) vehicle or trailer equipped with water tanks capable of holding a minimum of sixty (60) gallons, water tanks shall be equipped with pumps as necessary to accommodate the filling of backpack sprayers.

#### **HAND TOOLS**

At a minimum the Contractor shall have the following hand tools on site:

- Backpack Sprayers – Minimum of one (1) per crew member, plus a minimum of two (2) additional for backup
- Brush Cutters – Minimum of one (1) per crew member, plus a minimum of one (1) additional for backup (with additional fuel/batteries)
- Chainsaw – Minimum of 2 (with additional fuel/batteries)

#### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Each of the Contractor's employees shall have all necessary personal protective equipment for herbicide and mowing work, at a minimum this shall include:

- Long pants
- Long-sleeved shirt
- Boots
- Safety glasses
- Chemical resistant rubber gloves
- Protective Chainsaw Chaps
- Hardhat with face shield
- Hearing protection

- Any other PPE required for this work by the Department, OSHA, the herbicide label, equipment manufacturer, or any other regulatory body.

#### MISCELLANEOUS

- Clean measuring cups with legible markings in standard liquid measure (ounces), measuring cups shall be made of transparent material
- Basin or other equipment to protect the ground during herbicide mixing
- Ample drinking water for all crew members
- A fully stocked first aid kit shall be readily available to all crew members, including a mobile eyewash station

Contractor is solely responsible for transport, operation, repair, maintenance, and extraction of their equipment.

#### **EXECUTION**

##### GENERAL CONDITIONS

The Contractor shall keep a log of all maintenance activities performed during the contract period and shall submit it to the Engineer following each workday.

Contractor shall utilize equipment having low unit pressure ground contact within work areas. They shall take precautions to ensure that equipment and vehicles do not damage the grading, utilities, structures, or existing trees and shrubs during planting operations. Any damage shall be repaired by the Contractor at no additional cost.

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.

Herbicide spraying will not be allowed when temperatures exceed 85°F or are under 45°F, when wind velocities exceed ten (10) miles per hour, when foliage is wet or rain is eminent, when visibility is poor, or during legal holiday periods unless prior approval is received from the Engineer. There shall be no spraying during periods of rainfall and spraying shall be halted, in accordance with the herbicide manufacturer's instructions, prior to periods of rainfall. Spraying shall be in accordance with the applicable portions of Section 107. Within 48 hours of the application of herbicides, the Contractor shall complete and return to the Engineer, IDOT Operations form "OPER 2720", Pesticide Application Daily Spray Record (Rev. 07/06/17).

The Contractor will be required to have all equipment in proper working order before starting the job. An inspection of the Contractor's equipment will be completed by the Engineer prior to starting any work. If equipment is not working properly, the Contractor will be required to fix the problem prior to starting the work. The Contractor may be required to demonstrate the calibration of their equipment up to forty-eight (48) hours prior to the time of spraying operations are to begin.

##### SPOT MOWING

Spot mowing shall be conducted with the use of a hand-held gas-powered brush cutter equipped with a metal tri-blade (such as the Stihl FS240 equipped with the Stihl Brush Knife tri-blade or similar) and/or walk-behind brush cutters (such as Billy Goat BC26 or similar) targeting areas containing a mix of weed species and mature/flowering desirable native species. Spot mowing shall be utilized to eliminate the reproduction of non-native and non-desirable native species by not allowing the dispersal of seed from those targeted species.



Species targeted for spot mowing shall include removal of plant reproductive parts (e.g. flower stalks, un-developed seed heads, etc.). Spot mowing of perennial species may be conducted in concert with or be followed up with herbicide applications at the Engineer's direction.

Spot-mown vegetative materials shall be left on-site in a manner that will not allow regeneration or seed set of the mown species.

#### SPOT HERBICIDE APPLICATIONS

Small, scattered populations or individual specimens of undesirable species shall be controlled with spot herbicide applications. The following methods are appropriate:

Backpack Spray Treatments – Contractor shall utilize a minimum 4-gallon backpack style sprayer (such as Birchmeier Iris 15 AT3 or similar).

Herbicide Wicking – In areas of high-quality native vegetation where desirable species are directly adjacent to targeted plants, or where the growth habit of the target plant makes it impossible to avoid off-target damage, the appropriate herbicide shall be selectively wiped onto the target plant utilizing a sponge-wicking applicator or a cloth glove saturated with herbicide worn over an appropriate chemical resistant glove (a common technique referred to as "hand-wicking").

#### TREATMENT OF WOODY SPECIES

The Contractor shall remove target woody species that are less than six inches (6") DBH\* utilizing hand-operated equipment, such as chainsaws, brush cutters, handsaws, or loppers. Upon approval by the Engineer, small walk behind mower-type brush cutters may be utilized provided that their use does not result in rutting or pitting of the soil while in operation. *(\*Due to IDOT policy, the cutting of trees measuring three inches (3") or larger at two feet (2') above the ground line is restricted to April 1<sup>st</sup> thru September 30<sup>th</sup>. If the Contractor is executing PRAIRIE WEED CONTROL outside of these dates, they will be required to leave any of these restricted trees.)*

The Contractor shall conduct woody species herbicide treatments to all cut-stumps, re-sprouts, re-growth, or other remaining live plants of all target species.

Woody species herbicide treatments may be applied using foliar applications and/or cut-stump application using an appropriate herbicide.

Foliar Treatment: Apply an appropriate herbicide spray mixture to the leaves of target species after leaves have fully opened in the spring and up to a few weeks prior to fall senescence. Provide full coverage of the leaves while limiting overspray and dripping. To reduce the chance for overspray, Foliar Treatments shall only be applied to smaller re-sprouts that are low to the ground.

Cut-Stump Treatment: All cut-stumps shall be treated with an appropriate herbicide spray mixture immediately after cutting (no longer than eight (8) hours following cutting). Treat the cut area around the edge with herbicide so the cambium layer will take up the active ingredient. *Juniper spp* that have been cut below the last bottom branch shall be exempt from herbicide requirements.

Wherever possible herbicide applications to woody species shall be accomplished by utilizing wick or sponge-type applicators.

All cuttings longer than one (1) foot in length and/or larger than one (1) inch in diameter shall be piled within the project site at locations approved by the Engineer. Piled cuttings shall be disposed of by the Department. Smaller cuttings and cutting debris that have been shredded or chipped by the use of hand-held mechanical equipment may be left on site. Cuttings and cutting debris shall

not be allowed to accumulate to a depth that will smother existing desirable native species or prevent existing desirable native species from emerging (approximately one-half inch (1/2") maximum depth).

**RESTRICTIONS:**

Storage of materials shall be prohibited within environmentally sensitive areas as determined by the Engineer.

**METHOD OF MEASUREMENT:**

This work will be measured for payment based on the number of acres effectively treated as determined by the Engineer. Contractors shall not be compensated for travel time to sites.

**BASIS OF PAYMENT:**

This work will be paid for at the PRAIRIE WEED CONTROL contract unit price per ACRE.

**APPENDIX A – LIST OF TARGET WEED SPECIES**

It is the responsibility of the Contractor to locate, identify, and treat targeted species that may endanger the long-term health of existing native plant communities within the project area/site. Following is a list of targeted invasive and weedy species that can inhibit the successful establishment of desirable native species. This list is not representative of the site and should not be considered an inventory. When present, the listed species shall be targeted by the Contractor:

Alliaria petiolata	GARLIC MUSTARD
Anthriscus sylvestris	WILD CHERVIL
Carduus nutans	MUSK THISTLE <sup>1</sup>
Celastrus orbiculatus	ASIAN BITTERSWEET <sup>1</sup>
Centaurea maculosa	SPOTTED KNAPWEED
Cirsium arvense	CANADA THISTLE <sup>1</sup>
Conium maculatum	POISON HEMLOCK <sup>1</sup>
Dipsacus spp.	TEASEL <sup>1</sup>
Elaeagnus spp.	OLIVE <sup>1</sup>
Fallopia japonica	JAPANESE KNOTWEED <sup>1</sup>
Hemerocallis fulva	ORANGE DAYLILY
Lonicera spp.	HONEYSUCKLE (non-native) <sup>1</sup>
Lotus corniculatus	BIRDS FOOT TREFOIL
Lythrum salicaria	PURPLE LOOSESTRIFE
Melilotus albus	WHITE SWEET CLOVER
Melilotus officinalis	YELLOW SWEET CLOVER
Microstegium vimineum	JAPANESE STILTGRASS
Morus alba	WHITE MULBERRY
Pastinaca sativa	WILD PARSNIP
Phalaris arundinacea	REED CANARY GRASS
Phragmites australis (non-native)	COMMON REED (non-native)
Rhamnus spp.	BUCKTHORN
Robinia pseudoacacia	BLACK LOCUST
Rumex crispus	CURLY DOCK
Rosa multiflora	MULTIFLORA ROSE
Salix interior	SANDBAR WILLOW <sup>3</sup>
Saponaria officinalis	BOUNCING BET
Securigaria varia	CROWN VETCH
Solidago sempervirens	SEASIDE GOLDENROD
Trifolium pratense	RED CLOVER <sup>2</sup>
Trifolium repens	WHITE CLOVER <sup>2</sup>

<sup>1</sup>Species classified as a Noxious Weed in the State of Illinois as of the date of this document

<sup>2</sup>Species considered common weeds requiring control, not specifically considered invasive

## APPENDIX B – GLOSSARY OF TERMS USED IN THIS SPECIAL PROVISION

**Growing Season:** The part of a calendar year during which rainfall and temperature allow plants to grow. In the Midwest the growing season typically occurs between the months of April thru October or November.

**Invasive Species:** An undesirable species of plant or animal, often non-native, that competes with desirable, native plants and animals for light, space, water, food and nutrients. An invasive species, left untreated, will destroy the integrity of an ecosystem and will often become the only plant or animal inhabiting a particular landscape.

**Native Species:** 1) an indigenous species that is normally found as part of a particular ecosystem; 2) a species that was present in a defined North American area prior to European settlement.

**Plant Community:** A group of plants that need a particular set of environmental conditions (i.e., light, soil type, moisture) in order to thrive. Examples include dry prairie, mesic prairie, wet prairie, wetland, emergent, savanna, dry-mesic woodland, etc.

**Weedy Species:** A species that displays weedy characteristics, such as: 1.) an excessive growth habit that may inhibit the healthy growth of other more desirable native species; 2.) the ability to produce an abundance of seed, spread rapidly, and inhibit the healthy growth of other more desirable native species; 3.) an extensive root system or other vegetative structure that spreads aggressively above or below ground; 4.) the ability to produce chemicals that are toxic to surrounding plants (allelopathy).

## CLEARING, SPECIAL – ACRE UNIT

### **DESCRIPTION:**

This work shall consist of the installation of fire breaks and site preparation in relation to executing prescribed burns on targeted sites for ecological management purposes in accordance with the Illinois Prescribed Burning Act (525 ILCS 37). Clearing priorities are to prepare an ecological site for the safe application of fire under a comprehensive prescription. The intent is to prepare or eliminate snags throughout the burn unit, prepare or eliminate obstacles (such as fences, trees, branches, etc.) that may obstruct mobilization of prescribed burn equipment or personnel, and to create burn breaks within the site that are devoid of wildland fuels so that burn units can be controlled, contained, and/or excluded as defined in the prescription.

Clearing pricing shall include all fees, labor, material, equipment, and transport necessary for, and incidental to burn site preparation (may include the disposal of brush, vegetation, downed logs, stumps, sod, limited rubbish, surface debris, or other material occurring within the natural area which will interfere with the work) and the creation of required burn breaks.

### **PROSECUTION OF WORK**

Prior to beginning work, Contractor shall submit a proposed work schedule to the Engineer outlining when the required tasks will be completed.

This contract is to be completed as directed by the Engineer. The Engineer must be present during all work. Any work completed without the Engineer present will not be measured for payment. The Contractor shall notify the Engineer a minimum of forty-eight (48) hours prior to beginning any work.

In addition to the Engineer, the following materials and/or work shall be approved by the Roadside Management Specialist:

- Site preparation
- Burn break construction

Unless otherwise agreed to by the Engineer, all work for this contract is to be completed Monday-Friday between the hours of 7:00 AM-4:30 PM, work will not be allowed during State of Illinois observed holidays.

**EXPERIENCE:**

All work shall be performed by a Contractor with at least five (5) years of documented experience in preparing sites for prescribed burns for the purposes of ecological restoration, they shall be able to demonstrate their knowledge in the field.

At or prior to the Pre-Construction Conference, the Contractor shall furnish copies of proposed equipment lists to the Engineer.

**STAFF:**

The Contractor shall provide staff that meet these minimum requirements:

**CREW SUPERVISOR**

The Contractor shall designate an employee as the Crew Supervisor. This person shall be on-site during all work activities, at a minimum the Crew Supervisor shall meet the following qualifications:

- Have five (5) years documented full-time field experience in ecosystem restoration
- Have two (2) or more years of documented experience in site preparation for the purposes of prescribed burning
- Have documented experience implementing approved burn plans

**EQUIPMENT:**

The Contractor shall provide all equipment and materials needed for execution of the work.

Contractor is solely responsible for transport, operation, repair, maintenance, and extraction of their equipment.

**PRESCRIPTION (BURN PLAN)**

IDOT shall provide the Contractor with a copy of the approved burn plan. The Contractor shall prepare sites for burning in accordance with the approved burn plan. Site preparation and burn breaks shall be subject to approval by the Burn Boss and the Engineer.

**EXECUTION**

Without exception, the Contractor's designated Crew Supervisor shall be on-site for all work.

**FIRE LINE CONSTRUCTION**

Fire line and burn break specifications for each specific site shall be designated in the prescription by the Burn Boss. Fire line and burn break construction activities may include, but are not limited to brush/trail clearing, limbing of trees, mowing, raking, and use of leaf blowers to construct appropriate-sized fire lines and burn breaks around and/or within approved burn units.

Fire line construction at these sites shall not include tilling, disking, or any other major disturbance to the soil profile.

**RESTRICTIONS:**

Storage of materials shall be prohibited within environmentally sensitive areas as determined by the Engineer.

**METHOD OF MEASUREMENT:**

This work will be measured for payment based on the number of acres prepared for burning as determined by the Engineer. Contractors shall not be compensated for travel time to sites.

The Contractor shall not be compensated for re-deployments concerning additional Clearing work required to be in compliance with the approved burn plan.

**BASIS OF PAYMENT:**

This work will be paid for at the CLEARING, SPECIAL contract unit price per ACRE.

**PROFESSIONAL PRESCRIBED BURN – ACRE UNIT**

**DESCRIPTION:**

This work shall consist of the completion of prescribed burns in a safe and efficient manner on targeted sites for ecological management purposes in accordance with the Illinois Prescribed Burning Act (525 ILCS 37). Prescribed Burn priorities are to achieve specific ecological and/or aesthetic outcomes through the safe application of fire under a comprehensive prescription. The intent is to cause damage to targeted woody vegetation and clear standing dormant herbaceous biomass and/or leaf litter to allow sunlight to reach the soil surface and to allow easy application of herbicides to emerging plant material, all while avoiding damage to structures, property, cultural resources, desirable woody vegetation, desirable deadwood, desirable fire-negative herbaceous species, or other desirable features.

This work will occur in the fall of 2025. Extensions may be granted to the spring of 2026 at the Engineer's discretion; however, it is the Department's desire to complete this work in the fall. Spring extensions are NOT guaranteed.

Prescribed Burn pricing shall include all fees, labor, material, equipment, and transport necessary for, and incidental to, burn plan preparation, permit acquisition, coordination with local jurisdictions, notifications, minor site preparation, ignition, containment, smoke monitoring & management, and mop-up activities. Mop-up activities include, but are not limited to, suppression of all smoldering material, ensuring burn crew members are on-call and remain within 2-hours of the burn site for 24 hours after burn completion, etc.

**PROSECUTION OF WORK**

Prior to beginning work, Contractor shall submit a proposed work schedule to the Engineer outlining when the materials required as part of the Special Provision are needed and when the required tasks will be completed.

The Department has an approved IL EPA Open Burn permit for each site, pending IL EPA approval of burn prescriptions prepared by the Contractor.

This contract is to be completed as directed by the Engineer. The Engineer must be present during all work. Any work completed without the Engineer present will not be measured for payment. The Contractor shall notify the Engineer a minimum of twenty-four (24) hours prior to beginning any work.

In addition to the Engineer, the following materials and/or work shall be approved by the Roadside Management Specialist:

- The prescription
- Go/No-Go decisions
- Assessment of burn coverage

Unless otherwise agreed to by the Engineer, all work for this contract is to be completed Monday-Friday between the hours of 7:00 AM-4:30 PM. Work will not be allowed during State of Illinois observed holidays unless otherwise agreed to by the Engineer.

**EXPERIENCE:**

All work shall be performed by a Contractor with at least five (5) years of documented experience in executing prescribed burns for the purposes of ecological restoration, they shall be able to demonstrate their knowledge in the field.

All work shall be performed by the Contractor, subcontracting is not permitted.

At or prior to the Pre-Construction Conference, the Contractor shall furnish copies of required personnel training records, documented personnel experience, required certifications, and proposed equipment lists to the Engineer. Documentation of Contractor's experience must be provided using the attached form or similar format.

**STAFF:**

The Contractor shall provide staff that meet these minimum requirements:

**BURN BOSS**

The Contractor shall designate an employee as the Burn Boss. This person shall be the sole representative of the Contractor for this work and shall be the point of contact to the Engineer. The Burn Boss shall meet the following minimum qualifications:

- Meets the requirements of Illinois Prescribed Burning Act (17 Illinois Admin. Code 1565.70; 525 ILCS 37), including being recognized as a Certified Prescribed Burn Manager (CPBM). A copy of the CPBM certificate shall be submitted to the Engineer.
- Have a minimum of three (3) years documented experience conducting prescribed burns for the Contractor.

**BURN CREW MEMBERS**

All burn crew members must demonstrate the following:

- Have a minimum of one (1) year documented experience conducting prescribed burns.
- Have documented experience working the line of a minimum three (3) prescribed burns.

- Have completed appropriate training in wildland firefighting. A copy of certificates documenting successful completion of one of the following training options shall be submitted to the Engineer for each Crew Member:
  1. NWCG Basic Firefighter Training (S130) and Introduction to Wildland Fire Behavior (S190);
  2. OR, a Prescribed Burn Training Program approved by the Illinois Prescribed Fire Council

### **MATERIALS:**

#### **WATER**

Potable water shall be used on the contract. No water will be allowed to be pumped from nearby creeks, ponds, or other bodies of water unless dictated by emergency need. The Contractor shall provide a list of source locations where the potable water will be obtained. The Contractor shall provide this list to the Engineer at the pre-construction conference. All proposed sources of water shall meet the approval of the Engineer prior to mobilizing to a prescribed burn site.

#### **IGNITION FUELS**

Contractor shall supply and mix all fuels necessary for prescribed burn ignition operations, fuels provided shall include gasoline and diesel fuel. Mixing of fuel on-site shall be in a location designated by the Engineer and shall be completed over a basin or other method to protect the ground from spills. Contractor shall provide a fully stocked spill kit at the designated on-site fuel mixing location.

### **EQUIPMENT:**

The Contractor shall provide all equipment and materials needed for execution of the work; at a minimum the following items are required:

#### **VEHICLES**

- One four-wheel drive fire-equipped pickup truck
- Two all-wheel drive fire-equipped ATVs
- One 500 Gallon Water Tender with adequate pump to quickly fill vehicle-mounted and portable water tanks

“Fire-Equipped” vehicles shall include:

- Water tank (50 Gallon Minimum)
- Pump capable of producing a minimum of 6 GPM @ 80 psi
- Configuration that allows “Pump and Roll” operation at a speed of 2 MPH
- Minimum inside hose diameter of 3/4”
- Minimum hose length of 100’
- Spray gun with a nozzle capable of applying a minimum of 6GPM@80 psi



## HAND TOOLS

Unless operating a fire-equipped vehicle and/or its apparatus, each of the Contractor's employees shall have a minimum of one hand tool in their possession when on or near the fire line; at a minimum the Contractor shall have the following hand tools on site:

- Drip torch – Minimum of 3
- Flappers – Minimum of 4
- Pulaski – Minimum of 2
- McLeod – Minimum of 2
- Leaf Rake – Minimum of 1
- Shovel – Minimum of 2
- Fire/Council Rake – Minimum of 2
- Backpack Pump – Minimum of 4
- Backpack blower – Minimum of 2 (with additional fuel/batteries)
- Brush Cutter – Minimum of 2 (with additional fuel/batteries)
- Chainsaw – Minimum of 2 (with additional fuel/batteries)

## PERSONAL PROTECTIVE EQUIPMENT

Each of the Contractor's employees shall have all necessary personal protective equipment for all personnel to meet NWCG guidelines, at a minimum this shall include:

- Nomex clothing (shirt and pants, or suit)
- Nomex shroud
- Leather boots without steel toes
- Leather gloves
- Fire rated hardhat with face shield
- Safety glasses
- All underclothing of natural fiber
- Chaps and hearing protection for chainsaw use

## MISCELLANEOUS

- Two-way radios for all personnel involved in the prescribed burn, whether on the line or not, and an additional two (2) radios to be issued to the Engineer during work activities
- At a minimum, ignition crew members shall carry two fully functional cigarette lighters at all times
- Each crew member shall carry a functional compass to enable them to monitor and communicate accurate wind direction and fire locations
- Each vehicle shall carry a set of wire cutters
- Contractor shall provide ample drinking water to all burn crew members
- A fully stocked first aid kit shall be readily available to all burn crew members
- At a minimum, the Burn Boss shall carry a fully charged, fully operational cellular phone at all times
- At a minimum, the Burn Boss (or their qualified designee on the crew) shall carry a fully functional weather kit at all times

Contractor is solely responsible for transport, operation, repair, maintenance, and extraction of their equipment.

**INSURANCE (Supplements Section 107.27 of the Standard Specifications)**

The General Aggregate Limit for this work shall be a minimum of \$5,000,000.00 (five million).

Contractor shall provide excess general liability for "Prescribed Burn Operations" with a minimum \$2,000,000.00 (two million) per occurrence limit.

The Contractor shall list prescribed burn or prescribed fire on the certificate as the activity covered.

**PRESCRIPTION (BURN PLAN)**

The Contractor shall complete and submit a prescription (burn plan) for review by the Engineer, local officials, and IEPA prior to mobilizing for any prescribed burning work, including Clearing work, unless otherwise authorized by the Engineer. It is required that prescriptions be site specific and be approved by the Burn Boss, the Engineer, and IEPA prior to starting work.

**ROADSIDE VISIBILITY MATERIALS**

IDOT shall provide changeable message boards along any roadway bordering the burn site that are programmed to read "Control Burn Area, Caution Ahead". Message boards shall be placed approximately 1,000 feet before the burn site.

In addition, the Contractor shall provide and install temporary warning signage along any state roadway within 1/10th of a mile of the burn site boundaries. Signage markings shall include one of the following:

- Controlled Burn Ahead
- Prescribed Burn Ahead
- Caution Smoke Ahead

All signage shall conform to IDOT standard specifications to be 48" X 48" "florescent orange.

Signage shall be in place no more than one (1) hour prior to the planned ignition time and should be deployed as close to ignition as possible. When the Burn Boss determines that burn operations no longer have the potential to impact traffic, signage shall immediately be removed, covered, turned, or laid flat by the Contractor so that they are no longer visible to drivers.

**EXECUTION**

Without exception, the Contractor's designated Burn Boss shall be on-site for every prescribed burn.

**FIRE LINE CONSTRUCTION**

Fire line and burn break specifications for each specific site shall be designated in the prescription by the Burn Boss. Site preparation and fire line construction activities shall be performed and paid for as per the CLEARING, SPECIAL, special provision. The Burn Boss shall be responsible for approving site preparation and fire line construction prior to ignition.

On burn day, the Contractor may be required to perform minor site preparation activities prior to ignition, this may include removing freshly fallen branches, raking fire lines, blowing leaves, etc. These tasks shall be included in the PROFESSIONAL PRESCRIBED BURN pay item.

## **PRESCRIBED BURNING**

The prescribed burn shall be run by the Burn Boss and executed in accordance with the prescription. Unless otherwise stated in the Special Provision, the Contractor shall conduct all prescribed burn related tasks, including but not limited to notifications, deployment of signage, fire break touch-up, primary and secondary ignitions, fire line maintenance, pump operations, tree/hazard felling, and spotting management.

## **SMOKE MANAGEMENT**

Smoke management is critical to the safety of travelers and is a priority for the Department.

Prescriptions shall be written to include the complete avoidance of smoke entering Interstate routes and with the goal for avoidance or extreme minimization of smoke entering non-interstate roadways.

Smoke management plans shall be documented by the Burn Boss in the prescription, all burn crew members shall be briefed on the smoke management plan and shall be instructed/reminded at the pre-burn meeting on their responsibilities and chain of command regarding the identification of un-planned smoke issues.

Contractor shall designate a minimum of one (1) staff member as a Smoke Monitor. The Smoke Monitor shall:

- Not be on the fire line
- Be in constant communication with the Burn Boss through 2-way radio
- Have access to hands-free GIS/GPS maps programs in order to navigate to potential areas of un-planned smoke impacts
- Have access to a standard road vehicle (car or truck) equipped with appropriate roadway safety equipment (strobe lights, reflectors, etc.) so that they can investigate potential un-planned off-site smoke impacts and provide impromptu traffic warning as needed
- Have additional roadside visibility materials that can be set-up if un-planned smoke impacts are identified

## **POST-BURN MOP-UP**

The Contractor shall mop-up all burning material to black after the main fire has passed, including but not limited to scouting for burning snags and other hazards near the fire lines and burn breaks, felling or limbing burning trees, and extinguishing other burning materials near the fire line.

Mop-up operations shall be continued until the Burn Boss and Engineer determine that the site is safely contained, meaning that all flaming and smoldering material included within one-hundred feet (100') of the burn site perimeter are extinguished, cut down, and soaked to minimize or eliminate the risk of escape beyond the fire lines.

The Burn Boss and all Burn Crew Members shall be available to return to the burn site within two (2) hours of being called for up to twenty-four (24) hours following the completion of mop-up operations if needed to extinguish burning or smoldering materials.

## **RESTRICTIONS:**

Storage of materials shall be prohibited within environmentally sensitive areas as determined by the Engineer.

**METHOD OF MEASUREMENT:**

This work will be measured for payment based on the number of acres effectively burned on site as determined by the Engineer. Contractors shall not be compensated for travel time to sites.

Prescribed burns that are executed within the parameters of the approved prescription with concurrence by the Engineer, shall result in all planned acreage being paid to the Contractor. Burned areas that show less than 50% black following a burn may be deducted if the Engineer determines the results are due to Contractor error or exclusion. Percent black shall be measured in aerial coverage of un-burned vegetation as determined by the Engineer using ocular assessment.

The Contractor shall not be compensated for re-deployments concerning additional mop-up operations or call-backs to the site.

If the Contractor mobilizes for a prescribed burn and it is cancelled due to weather and/or site conditions after the Contractor's staff has arrived on site, the Contractor may be authorized to conduct PRAIRIE WEED CONTROL work in leu of PROFESSIONAL PRESCRIBED BURN work as determined by the Engineer. For this alternative work to be authorized, the Contractor's mobilized Burn Crew members must meet the minimum qualifications for staff and have all required equipment on-site as specified in the PRAIRIE WEED CONTROL Special Provision. PRAIRIE WEED CONTROL work may be conducted at the prescribed burn site or at one of the other sites listed in the plans as determined by the Engineer.

**BASIS OF PAYMENT:**

This work will be paid for at the PROFESSIONAL PRESCRIBED BURN contract unit price per ACRE.

Authorized PRAIRIE WEED CONTROL work performed in leu of mobilized and canceled PROFESSIONAL PRESCRIBED BURN work will be paid for at the PRAIRIE WEED CONTROL contract unit price per ACRE.

**APPENDIX A – GLOSSARY OF TERMS USED IN THIS SPECIAL PROVISION**

**Aerial coverage:** The vegetation covering the ground surface above the ground surface; including all leaves, stems, flower parts, etc. Aerial coverage can be visualized by considering a bird's-eye view of the vegetation.

**Black:** A term referring to the condition of an area after the burn is complete, typically a black area has no remaining unburned material or natural fuels. A black area may contain small pithy stems or life woody stems that are not considered highly burnable natural fuels.

**Burn Break:** An area devoid of fuel used as a boundary to a burn unit or an area used to stop a burn. Burn breaks may be naturally occurring, such as a stream; or they may be manmade, such as a fire line. See also "Fire Line".

**Burn Plan:** See "Prescription".

**Burn Unit:** The physical area(s) within a project site being burned. A single burn site may be divided into several burn units as determined by the prescription.

**Desirable Deadwood:** Dead standing trees or brush piles that are in place to provide wildlife habitat.

**Desirable Woody Vegetation:** Trees, shrubs, or vines that are native and are identified as vegetation to be protected from fire damage.

**Fire Line:** The part of a containment or control line that is scraped or dug to mineral soil (NWCG). Sometimes referred to as a “Burn Break”.

**Fire-Negative Species:** Plant species that are easily damaged by fire.

**Fire-Positive Species:** Plant species that are tolerant of fire or species that may be dependent on fire disturbance.

**Ignition:** The purposeful act of starting a fire.

**Invasive Species:** An undesirable species of plant or animal, often non-native, that competes with desirable, native plants and animals for light, space, water, food and nutrients. An invasive species, left untreated, will destroy the integrity of an ecosystem and will often become the only plant or animal inhabiting a particular landscape.

**Mop-Up:** Extinguishing or removing burning material near control lines, felling snags, and trenching logs to prevent rolling after an area has burned, to make a fire safe, or to reduce residual smoke (NWCG).

**Native Species:** 1) an indigenous species that is normally found as part of a particular ecosystem; 2) a species that was present in a defined North American area prior to European settlement.

**NWCG:** Acronym for “National Wildfire Coordinating Group”, a multi-government organization that provides national leadership to enable interoperable wildland fire operations among federal, state, local, Tribal, and territorial partners including the establishment of standards in training, qualifications, and operations regarding wildland fire management.

**Ocular Assessment:** The act of making a professional judgment about something based on what is physically seen by the observer’s eyes.

**Prescribed Burning:** The planned application of fire to naturally occurring vegetative fuels under specified environmental conditions and following appropriate precautionary measures, which causes the fire to be confined to a predetermined area and accomplish the planned land management objectives (525 ILCS 37/10a).

**Prescription:** A written plan for conduction a prescribed burn (525 ILCS 37/10c), also commonly referred to as a “burn plan”.

**Snag:** A standing dead tree or part of a dead tree from which at least the leaves and smaller branches have fallen (NWCG).

**Spotting:** Behavior of a fire producing sparks or embers that are carried by the wind and which start new fires beyond the zone of direct ignition by the main fire (NWCG).

**Targeted Woody Plant Material:** Living trees, shrubs, or vines that are unwanted and are a target for being controlled through the infliction of fire damage.

**Weather Kit:** A portable kit with tools designed to quickly determine on-site weather conditions related to burning. At a minimum an acceptable weather kit includes a wind meter that measures up to 60 mph, a compass graduated at 0-360 degrees, sling psychrometer (wet bulb thermometer), psychrometer slide rule, water bottle for wet bulb, notebook, and mechanical pencil.

## CONTRACTOR QUALIFICATION FORMS

### VENDOR DOCUMENTATION OF PRAIRIE WEED CONTROL EXPERIENCE (Pay Item K0026852)

- Must meet requirements given in the special provisions for this project.
- At least one reference project must be from a time period that will demonstrate the 5 years experience required.
- At least one reference project must be from a time period that will demonstrate the 2 years experience working in sensitive areas required.
- Reference projects must be from sites with a natural community with endangered and threatened species, natural areas included on the Illinois Natural Areas Inventory (INAI) for high floristic quality, dedicated Nature Preserves, or registered Land and Water Reserves.
- 

Vendor Name: \_\_\_\_\_

	PROJECT 1	PROJECT 2	PROJECT 3	PROJECT 4
Project Name and Location				
Reference Name and Phone Number or Email Address				
Native Plant Community Type (e.g. prairie, wetland, forest, etc.)				
Land Use Type (e.g. Nature Preserve, State Park, CRP, municipal park, NWR, etc.)				
Approximate Acreage				
Type of Work Completed				
Date Completed				

**VENDOR DOCUMENTATION OF PROFESSIONAL PRESCRIBED BURN EXPERIENCE (Pay Item X2600050)**

- Must meet requirements given in the special provisions for this project.
- At least one reference project must be from a time period that will demonstrate the 5 years experience required.

Vendor Name: \_\_\_\_\_

	<u>PROJECT 1</u>	<u>PROJECT 2</u>	<u>PROJECT 3</u>	<u>PROJECT 4</u>
Project Name and Location				
Reference Name and Phone Number or Email Address				
Native Plant Community Type (e.g. prairie, wetland, forest, etc.)				
Approximate Acreage				
Date Completed				



<b>DOCUMENTATION OF VENDOR'S ONSITE STAFF EXPERIENCE – PRAIRIE WEED CONTROL</b>	
<ul style="list-style-type: none"> <li>- Must meet requirements given in the special provisions for this project.</li> <li>- Copies of training records, certifications, etc. that document the Vendor's staff experience required for this project shall be submitted with this form.</li> </ul>	
<b>VENDOR NAME:</b>	
<b>STAFF POSTION: PROJECT MANAGER</b>	
<b>Name:</b>	
<b>Start Date:</b>	
<b>Education:</b>	School Name:
	Graduation Year:
	Applicable Degree:
<b>Years of Experience (Midwest Systems):</b>	# of Total Years Experience:
	Reference Project 1 (Name/Location/Date Completed):
	Reference Project 2 (Name/Location/Date Completed):
<b>Years of Field Experience (Ecosystem Restoration):</b>	# of Total Years Experience:
	Reference Project 1 (Name/Location/Date Completed):
	Reference Project 2 (Name/Location/Date Completed):
<b>Pesticide Commercial License:</b>	General Standards: <input type="checkbox"/> YES <input type="checkbox"/> NO
	Rights-of-Way Category: <input type="checkbox"/> YES <input type="checkbox"/> NO
	Aquatics Category: <input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Will this staff member also fill the Crew Supervisor role?</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Will this staff member also fill a Crew Member role?</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO

<b>Additional Information:</b>	
<b>DOCUMENTATION OF VENDOR'S ONSITE STAFF EXPERIENCE – PRAIRIE WEED CONTROL</b> - Must meet requirements given in the special provisions for this project. - Copies of training records, certifications, etc. that document the Vendor's staff experience required for this project shall be submitted with this form.	
<b>VENDOR NAME:</b>	
<b>STAFF POSITION: CREW SUPERVISOR</b>	
<b>Name:</b>	
<b>Start Date:</b>	
<b>Years of Experience (Ecosystem Restoration):</b>	<b># of Total Years Experience:</b>
	<b>Reference Project 1 (Name/Location/Date Completed):</b>
	<b>Reference Project 2 (Name/Location/Date Completed):</b>
<b>Years of Field Experience (Illinois Natural Areas):</b>	<b># of Total Years Experience:</b>
	<b>Reference Project 1 (Name/Location/Date Completed):</b>
	<b>Reference Project 2 (Name/Location/Date Completed):</b>
<b>Pesticide Commercial License:</b>	General Standards: <input type="checkbox"/> YES <input type="checkbox"/> NO
	Rights-of-Way Category: <input type="checkbox"/> YES <input type="checkbox"/> NO
	Aquatics Category: <input type="checkbox"/> YES <input type="checkbox"/> NO
<b>Will this staff member also fill a Crew Member role?</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO

<b>Additional Information:</b>	
<b>DOCUMENTATION OF VENDOR'S ONSITE STAFF EXPERIENCE – PRAIRIE WEED CONTROL</b>  <ul style="list-style-type: none"> <li>- Must meet requirements given in the special provisions for this project.</li> <li>- Copies of training records, certifications, etc. that document the Vendor's staff experience required for this project shall be submitted with this form.</li> </ul>	
<b>VENDOR NAME:</b>	
<b>STAFF POSITION: CREW MEMBER</b>	
<b>Name:</b>	
<b>Start Date:</b>	
<b>Years of Experience (Ecosystem Restoration):</b>	<div style="padding: 5px;"><b># of Total Years Experience:</b></div> <div style="padding: 5px;">Reference Project 1 (Name/Location/Date Completed):</div> <div style="padding: 5px;">Reference Project 2 (Name/Location/Date Completed):</div>
<b>Years of Field Experience (Illinois Natural Areas):</b>	<div style="padding: 5px;"><b># of Total Years Experience:</b></div> <div style="padding: 5px;">Reference Project 1 (Name/Location/Date Completed):</div> <div style="padding: 5px;">Reference Project 2 (Name/Location/Date Completed):</div>
<b>Pesticide Commercial License:</b>	<div style="padding: 5px;">General Standards:     <input type="checkbox"/> YES     <input type="checkbox"/> NO</div> <div style="padding: 5px;">Rights-of-Way Category: <input type="checkbox"/> YES     <input type="checkbox"/> NO</div> <div style="padding: 5px;">Aquatics Category:     <input type="checkbox"/> YES     <input type="checkbox"/> NO</div>

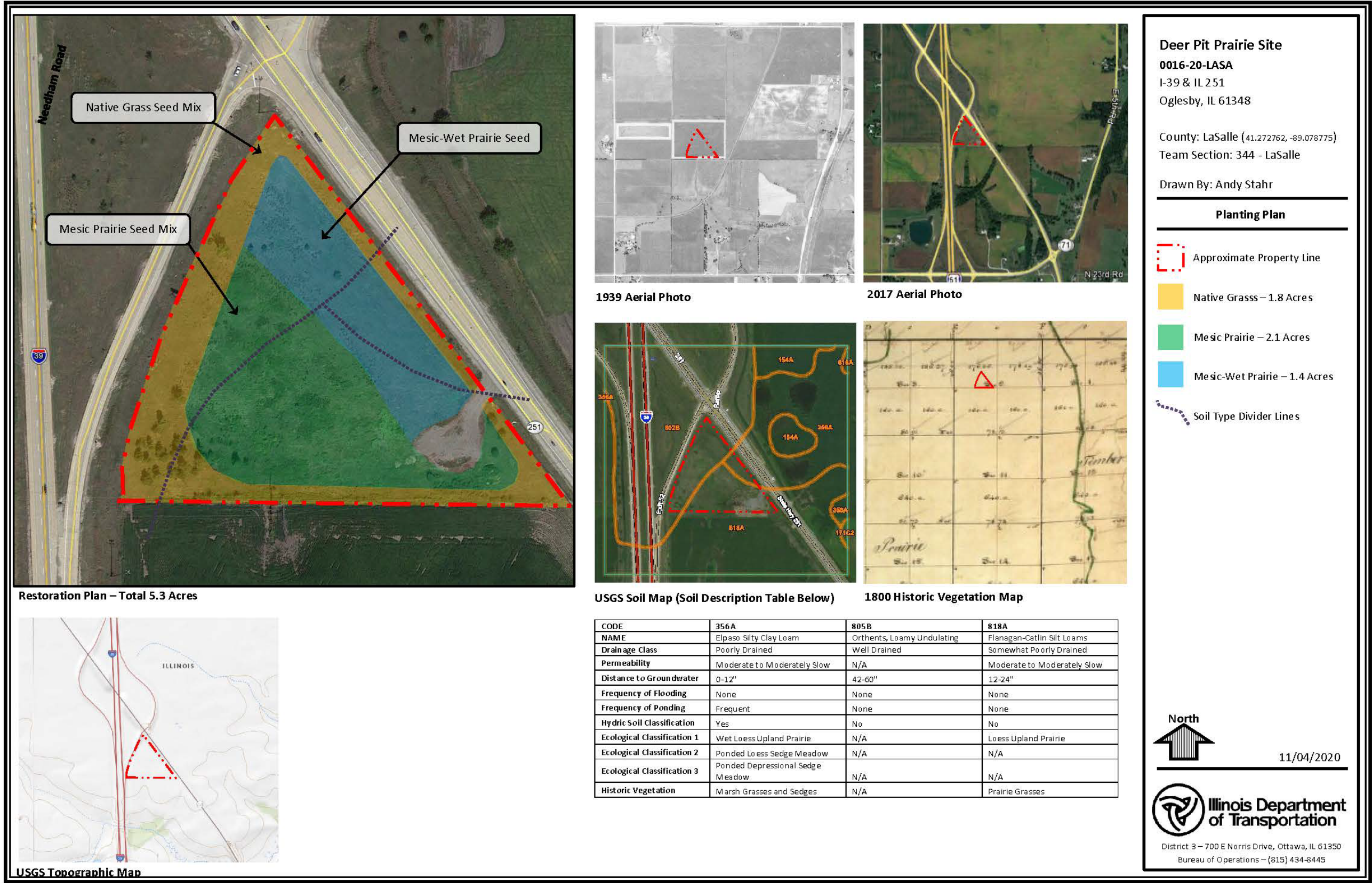
<b>Additional Information:</b>	
<b>DOCUMENTATION OF VENDOR'S ONSITE STAFF EXPERIENCE – PROFESSIONAL PRESCRIBED FIRE</b> <ul style="list-style-type: none"> <li>- Must meet requirements given in the special provisions for this project.</li> <li>- Copies of training records, certifications, etc. that document the Vendor's staff experience required for this project shall be submitted with this form.</li> <li>- At least one reference project must be from a time period that will demonstrate the 3 years of experience required working for the vendor.</li> </ul>	
<b>VENDOR NAME:</b>	
<b>STAFF POSTION: BURN BOSS</b>	
<b>Name:</b>	
<b>Start Date:</b>	
<b>Years of Experience (Prescribed Burning):</b>	<b># of Total Years Experience:</b>
	<b>Reference Project 1 (Name/Location/Date Completed):</b>
	<b>Reference Project 2 (Name/Location/Date Completed):</b>
	<b>Reference Project 3 (Name/Location/Date Completed):</b>
	<b>Reference Project 4 (Name/Location/Date Completed):</b>
<b>State of Illinois Certified Prescribed Burn Manager?</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO

<b>Additional Information:</b>			
<b>DOCUMENTATION OF VENDOR'S ONSITE STAFF EXPERIENCE – PROFESSIONAL PRESCRIBED FIRE</b> <ul style="list-style-type: none"> <li>- Must meet requirements given in the special provisions for this project.</li> <li>- Copies of training records, certifications, etc. that document the Vendor's staff experience required for this project shall be submitted with this form.</li> </ul>			
<b>VENDOR NAME:</b>			
<b>STAFF POSITION: BURN CREW MEMBER</b>			
<b>Name:</b>			
<b>Start Date:</b>			
<b>Prescribed Burning Experience (Working a Burn Line):</b>	<b># Total Years Experience:</b>		
	<b>Reference Project 1 (Name/Location/Date Completed):</b>		
	<b>Reference Project 2 (Name/Location/Date Completed):</b>		
	<b>Reference Project 3 (Name/Location/Date Completed):</b>		
<b>Burn Training:</b>	<b>NWCG S-130:</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO
	<b>NWCG S-190:</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO
	<b>IPFC Approved Program:</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO

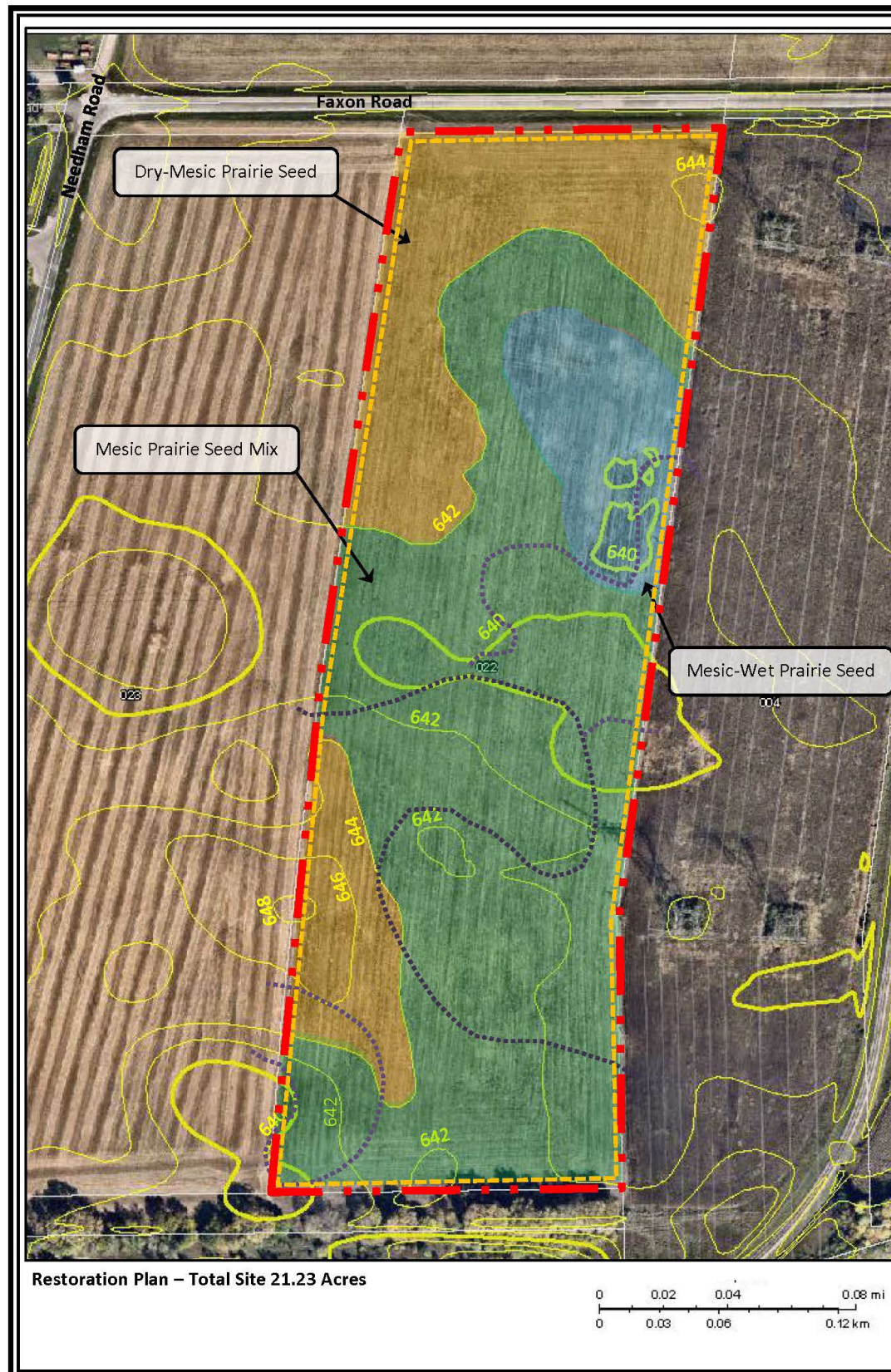
<b>Additional Information:</b>	
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SITE MAPS







**1939 Aerial Photo**



2017 Aerial Photo



USGS Soil Map (Soil Description Table Below)



### 1800 Historic Vegetation Map

CODE	148C2	198A	663A	679A
NAME	Proctor Silt Loam	Elburn Silt Loam	Clare Silt Loam	Blackberry Silt Loam
Drainage Class	Well Drained	Somewhat Poorly Drained	Moderately Well Drained	Moderately Well Drained
Permeability	Moderate	Moderate to Moderately Rapid	Moderate to Moderately Rapid	Moderate to Moderately Rapid
Distance to Groundwater	More than 80"	12-24 "	24-42 "	24 -48"
Frequency of Flooding	None	None	None	None
Frequency of Ponding	None	None	None	None
Hydric Soil Classification	No	No	No	No
Ecological Classification 1	Outwash Prairie - 95%	Outwash Prairie - 93%	Moist Glacial Drift Upland Prairie - 95%	Outwash Prairie - 98%
Ecological Classification 2	N/A	Wet Outwash Prairie - 7%	Ponded Depressional Sedge Meadow - 5%	Wet Outwash Prairie - 2%
Ecological Classification 3	N/A	Ponded Depressional Sedge Meadow - 7%	Wet Outwash Prairie - 5%	Ponded Depressional Sedge Meadow - 2%
Historic Vegetation	Prairie Grasses	Prairie Grasses	Prairie Grasses	Tall Prairie Grasses

## Plano Prairie Restoration

0014-20-KEND

Faxon Road (East of Needham Rd)

Plano, IL 60545

County: Kendall (41.673761, -88.511367)

Team Section: 352 - Yorkville

Designed By: Andy Stahr

### Planting Plan



Approximate Property Line



Dry-Mesic Prairie – 6.0 Acres



Mesic Prairie – 9.83 Acres



Mesic-Wet Prairie – 1.75 Acres



Topographic Contour Lines  
(2' Intervals)



Soil Type Divider Lines



20' Wide Turfed Fire Break –  
2.14 Acres



North

11/24/2020



Illinois Department  
of Transportation

District 3 – 700 E Norris Drive, Ottawa, IL 61350  
Bureau of Operations – (815) 434-8445



**Three Rivers Rest Area EB**  
0025-21-GRUN  
I-80 EB, MM 117.1  
East of Morris, IL 60450

County: Grundy (41.431394, -88.345367)  
Team Section: 351 - Morris

Drawn By: Andy Stahr

Site Plan

- Approximate Property Line
- Topographic Contour Lines (10' Intervals)
- Soil Type Divider Lines
- Prairie Areas – 2.5 Acres
- Savanna Areas – 0.5 Acres

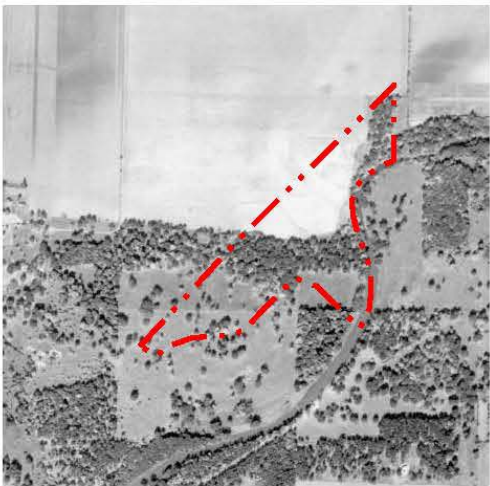


02/28/2024



**Illinois Department of Transportation**

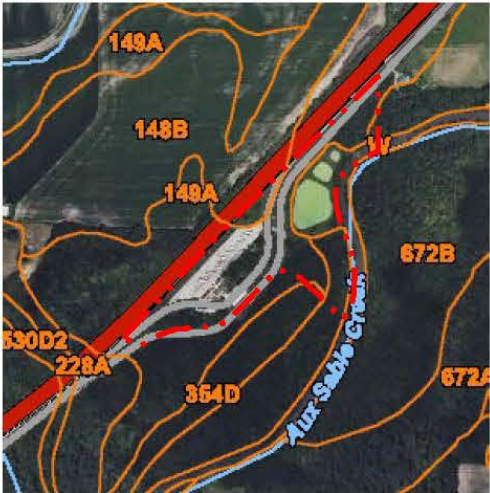
District 3 – 700 E Norris Drive, Ottawa, IL 61350  
Bureau of Operations – (815) 434-8445



1941 Aerial Photo



2015 Aerial Photo



USGS Soil Map (Soil Description Table Below)



1821 Historic Vegetation Map

CODE	149A	148B	228A
NAME	Brenton Silt Loam	Proctor Silt Loam	Nappanee Silt Loam
Drainage Class	Somewhat Poorly Drained	Well Drained	Somewhat Poorly Drained
Permeability	Moderate	Moderate	Moderate or Moderately Slow
Distance to Groundwater	12" – 18"	More than 80"	6" – 24"
Frequency of Flooding	None	None	None
Frequency of Ponding	None	None	None
Hydric Soil Classification	No	No	No
Ecological Classification 1	Outwash Prairie – 97%	Outwash Prairie – 95%	Moist Glacial Drift Upland – 92%
Ecological Classification 2	Wet Outwash Mollisol – 97%	Moist Loamy or Clayey Lowland – 5%	Wet Glacial Drift Upland – 6%
Ecological Classification 3	Wet Outwash Prairie – 3%		Loamy and Clayey Upland – 1%
Ecological Classification 4	Ponded Depressional Sedge Meadow – 3%		
Historic Vegetation	Tall Prairie Grass	Prairie Grass	Forest beech, maple, oak, elm, and basswood



Site Plan – Total Site 3.0 Acres

SCALE  
1000 Feet



**Three Rivers Rest Area WB**  
**0025-21-GRUN**  
I-80 WB, MM 118.4  
West of Minooka, IL 60447  
  
County: Grundy (41.447335, -88.328458)  
Team Section: 351 - Morris  
  
Drawn By: Andy Stahr

Site Plan

- Approximate Property Line
- Topographic Contour Lines (10' Intervals)
- Soil Type Divider Lines
- Prairie Areas – 3.50 Acres
- Savanna Areas – 3.60 Acres

North

02/28/2024

**Illinois Department of Transportation**  
District 3 – 700 E Norris Drive, Ottawa, IL 61350  
Bureau of Operations – (815) 434-8445

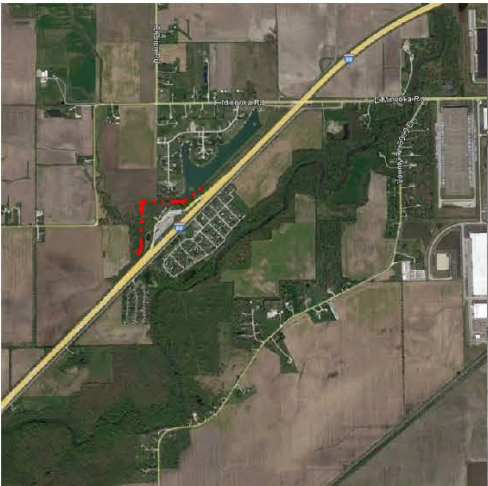


Site Plan – Total Site 7.10 Acres

SCALE  
500 Feet



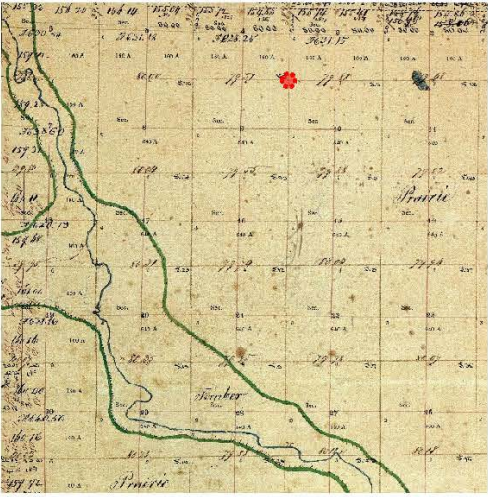
1940 Aerial Photo



2017 Aerial Photo



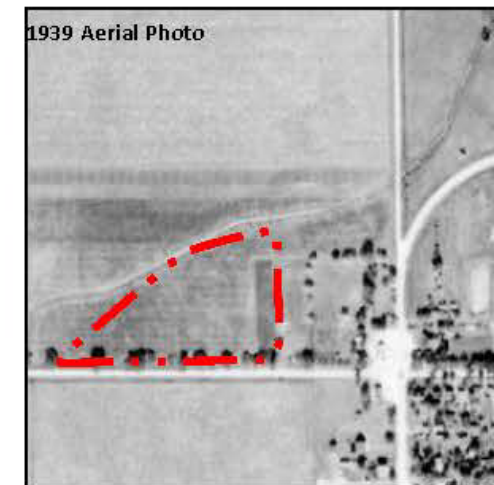
USGS Soil Map (Soil Description Table Below)



1821 Historic Vegetation Map

CODE	69A	189A
NAME	Milford	Martinton
Drainage Class	Poorly Drained	Somewhat Poorly Drained
Permeability	Moderately Slow	Moderately Slow
Distance to Groundwater	0" – 12"	12" – 24"
Frequency of Flooding	None	None
Frequency of Ponding	Frequent	None
Hydric Soil Classification	Yes	No
Ecological Classification 1	Wet Glacial Drift Upland Prairie – 93%	Moist Glacial Drift Upland – 92%
Ecological Classification 2	Ponded Depressional Sedge Meadow – 5%	Wet Glacial Drift Upland – 4%
Ecological Classification 3	Loamy and Clayey Upland – 1%	Wet Glacial Drift Upland Prairie – 2%
Historic Vegetation	Marsh Grasses and Sedges	Prairie Grass



**Restoration Plan – Total 6.15 Acres**

## Dwight Pollinator Site

0011-19-LIVI

NW Corner of IL 17 & Old Rt. 66

Dwight, IL 60420

County: Livingston

 $\{41.093881, -88.443036\}$ 

Team Section: 334 - Pontiac

Drawn By: Andy Stahr

### Planting Plan



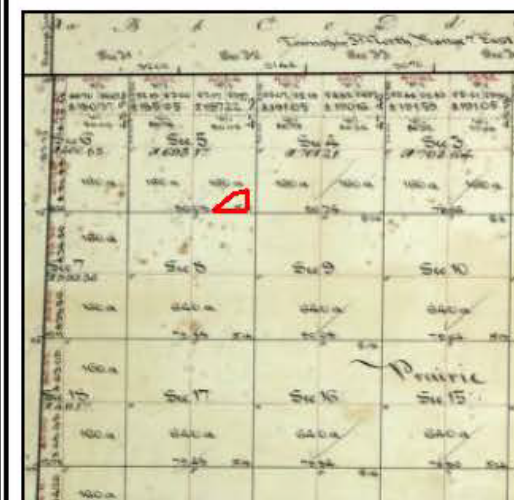
Approximate Property Line



Native Grasses – 0.65 Acres



Mesic-Wet Prairie—4.25 Acres



1800 Historic Vegetation Map



USGS Topo Map



USGS Soil Map

## USGS Soil Description Table

CODE	232A (Former)	805B (Current)
NAME	Ashkun Silty Clay Loam	Orthents, Clayey Undulating
Drainage Class	Poorly Drained	Moderately Well Drained
Permeability	Moderately Slow	N/A
Distance to Groundwater	0-12"	24-42"
Frequency of Flooding	None	None
Frequency of Ponding	Frequent	None
Hydric Soil Classification	Yes	No
Ecological Classification1	Ponded Depressional Sedge Meadow (97%)	Wet Glacial Drift Upland Prairie (5%)
Ecological Classification2	N/A	N/A
Ecological Classification3	N/A	N/A
Historic Vegetation	Marsh Grasses and Sedges	N/A



03/27/2025



**Illinois Department  
of Transportation**

District 3 - 700 E Norris Drive, Ottawa, IL 61350  
Bureau of Operations - (815) 434-8445

## CEMENT, FINELY DIVIDED MINERALS, ADMIXTURES; CONCRETE, AND MORTAR (BDE)

Effective: January 1, 2025

Revise the first paragraph of Article 285.05 of the Standard Specifications to read:

**“285.05 Fabric Formed Concrete Revetment Mat.** The grout shall consist of a mixture of cement, fine aggregate, and water so proportioned and mixed as to provide a pumpable slurry. Fly ash or ground granulated blast furnace (GGBF) slag, and concrete admixtures may be used at the option of the Contractor. The grout shall have an air content of not less than 6.0 percent nor more than 9.0 percent of the volume of the grout. The mix shall obtain a compressive strength of 2500 psi (17,000 kPa) at 28 days according to Article 1020.09.”

Revise Article 302.02 of the Standard Specifications to read:

**“302.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Cement .....	1001
(b) Water .....	1002
(c) Hydrated Lime .....	1012.01
(d) By-Product, Hydrated Lime .....	1012.02
(e) By-Product, Non-Hydrated Lime .....	1012.03
(f) Lime Slurry .....	1012.04
(g) Fly Ash .....	1010
(h) Soil for Soil Modification (Note 1) .....	1009.01
(i) Bituminous Materials (Note 2) .....	1032

Note 1. This soil requirement only applies when modifying with lime (slurry or dry).

Note 2. The bituminous materials used for curing shall be emulsified asphalt RS-2, CRS-2, HFE 90, or HFE 150; rapid curing liquid asphalt RC-70; or medium curing liquid asphalt MC-70 or MC-250.”

Revise Article 312.07(c) of the Standard Specifications to read:

“(c) Cement .....1001”

Add Article 312.07(i) of the Standard Specifications to read:

“(i) Ground Granulated Blast Furnace (GGBF) Slag ..... 1010”

Revise the first paragraph of Article 312.09 of the Standard Specifications to read:

**“312.09 Proportioning and Mix Design.** At least 60 days prior to start of placing CAM II, the Contractor shall submit samples of materials to be used in the work for proportioning and testing. The mixture shall contain a minimum of 200 lb (120 kg) of cement per cubic yard (cubic meter). Cement may be replaced with fly ash or ground granulated blast furnace (GGBF) slag according to Article 1020.05(c)(1) or 1020.05(c)(2), respectively, however the minimum cement content in the mixture shall be 170 lbs/cu yd (101 kg/cu m). Blends of coarse and fine aggregates will be permitted, provided the volume of fine aggregate does not exceed the volume of coarse



aggregate. The Engineer will determine the proportions of materials for the mixture according to the "Portland Cement Concrete Level III Technician Course" manual. However, the Contractor may substitute their own mix design. Article 1020.05(a) shall apply, and a Level III PCC Technician shall develop the mix design."

Revise Article 352.02 of the Standard Specifications to read:

**"352.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Cement (Note 1) .....	1001
(b) Soil for Soil-Cement Base Course .....	1009.03
(c) Water .....	1002
(d) Bituminous Materials (Note 2) .....	1032

Note 1. Bulk cement may be used for the traveling mixing plant method if the equipment for handling, weighing, and spreading the cement is approved by the Engineer.

Note 2. The bituminous materials used for curing shall be emulsified asphalt RS-2, CRS-2, HFE 90, or HFE 150; rapid curing liquid asphalt RC-70; or medium curing liquid asphalt MC-70 or MC-250."

Revise Article 404.02 of the Standard Specifications to read:

**"404.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Cement .....	1001
(b) Water .....	1002
(c) Fine Aggregate .....	1003.08
(d) Bituminous Material (Tack Coat) .....	1032.06
(e) Emulsified Asphalts (Note 1) (Note 2) .....	1032.06
(f) Fiber Modified Joint Sealer .....	1050.05
(g) Additives (Note 3)	

Note 1. When used for slurry seal, the emulsified asphalt shall be CQS-1h according to Article 1032.06(b).

Note 2. When used for micro-surfacing, the emulsified asphalt shall be CQS-1hP according to Article 1032.06(e).

Note 3. Additives may be added to the emulsion mix or any of the component materials to provide the control of the quick-traffic properties. They shall be included as part of the mix design and be compatible with the other components of the mix.

Revise the last sentence of the fourth paragraph of Article 404.08 of the Standard Specifications to read:

"When approved by the Engineer, the sealant may be dusted with fine sand, cement, or mineral filler to prevent tracking."

Revise Note 2 of Article 516.02 of the Standard Specifications to read:

“Note 2. The sand-cement grout mix shall be according to Section 1020 and shall be a 1:1 blend of sand and cement comprised of a Type I, IL, or II cement at 185 lb/cu yd (110 kg/cu m). The maximum water cement ratio shall be sufficient to provide a flowable mixture with a typical slump of 10 in. (250 mm).”

Revise Note 2 of Article 543.02 of the Standard Specifications to read:

“Note 2. The grout mixture shall be 6.50 hundredweight/cu yd (385 kg/cu m) of cement plus fine aggregate and water. Fly ash or ground granulated blast furnace (GGBF) slag may replace a maximum of 5.25 hundredweight/cu yd (310 kg/cu m) of the cement. The water/cement ratio, according to Article 1020.06, shall not exceed 0.60. An air-entraining admixture shall be used to produce an air content, according to Article 1020.08, of not less than 6.0 percent nor more than 9.0 percent of the volume of the grout. The Contractor shall have the option to use a water-reducing or high range water-reducing admixture.”

Revise Article 583.01 of the Standard Specifications to read:

“**583.01 Description.** This work shall consist of placing cement mortar along precast, prestressed concrete bridge deck beams as required for fairing out any unevenness between adjacent deck beams prior to placing of waterproofing membrane and surfacing.”

Revise Article 583.02(a) of the Standard Specifications to read:

“(a) Cement .....1001”

Revise the first paragraph of Article 583.03 of the Standard Specifications to read:

“**583.03 General.** This work shall only be performed when the air temperature is 45 °F (7 °C) and rising. The mixture for cement mortar shall consist of three parts sand to one part cement by volume. The amount of water shall be no more than that necessary to produce a workable, plastic mortar.”

Revise Note 2/ in Article 1003.01(b) of the Standard Specifications to read:

“2/ Applies only to sand. Sand exceeding the colorimetric test standard of 11 (Illinois Modified AASHTO T 21) will be checked for mortar making properties according to Illinois Modified ASTM C 87 and shall develop a compressive strength at the age of 14 days when using Type I, IL, or II cement of not less than 95 percent of the comparable standard.

Revise the second sentence of Article 1003.02(e)(1) of the Standard Specifications to read:

“The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content ( $\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$ ) of 0.90 percent or greater.”

Revise the first sentence of the second paragraph of Article 1003.02(e)(3) of the Standard Specifications to read:

“The ASTM C 1293 test shall be performed with Type I, IL, or II portland cement having a total equivalent alkali content ( $\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$ ) of 0.80 percent or greater.”

Revise the second sentence of Article 1004.02(g)(1) of the Standard Specifications to read:

“The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content ( $\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$ ) of 0.90 percent or greater.”

Revise Article 1017.01 of the Standard Specifications to read:

**“1017.01 Requirements.** The mortar shall be high-strength according to ASTM C 387 and shall have a minimum 80.0 percent relative dynamic modulus of elasticity when tested by the Department according to Illinois Modified AASHTO T 161 or AASHTO T 161 when tested by an independent lab. The high-strength mortar shall have a water-soluble chloride ion content of less than 0.40 lb/cu yd (0.24 kg/cu m). The test shall be performed according to ASTM C 1218, and the high-strength mortar shall have an age of 28 to 42 days at the time of test. The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. Mixing of the high-strength mortar shall be according to the manufacturer’s specifications. The Department will maintain a qualified product list.”

Revise the fourth sentence of Article 1018.01 of the Standard Specifications to read:

“The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department.”

Revise Article 1019.02 of the Standard Specifications to read:

**“1019.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Cement .....	1001
(b) Water .....	1002
(c) Fine Aggregate for Controlled Low-Strength Material (CLSM).....	1003.06
(d) Fly Ash .....	1010
(e) Ground Granulated Blast Furnace (GGBF) Slag.....	1010
(f) Admixtures (Note 1)	

Note 1. The air-entraining admixture may be in powder or liquid form. Prior to approval, a CLSM air-entraining admixture will be evaluated by the Department. The admixture shall be able to meet the air content requirements of Mix 2. The Department will maintain a qualified product list.”

Revise Article 1019.05 of the Standard Specifications to read:

**“1019.05 Department Mix Design.** The Department mix design shall be Mix 1, 2, or 3 and shall be proportioned to yield approximately one cubic yard (cubic meter).

Mix 1	
Cement	50 lb (30 kg)
Fly Ash – Class C or F, and/or GGBF Slag	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2900 lb (1720 kg)
Water	50-65 gal (248-322 L)
Air Content	No air is entrained

Mix 2	
Cement	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (173-248 L)
Air Content	15-25 %

Mix 3	
Cement	40 lb (24 kg)
Fly Ash – Class C or F, and/or GGBF Slag	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (179-248 L)
Air Content	15-25 %”

Revise Article 1020.04, Table 1, Note (8) of the Standard Specifications to read:

“(8) In addition to the Type III portland cement, 100 lb/cu yd of ground granulated blast-furnace slag and 50 lb/cu yd of microsilica (silica fume) shall be used. For an air temperature greater than 85 °F, the Type III portland cement may be replaced with Type I, IL, or II portland cement.”

Revise Article 1020.04, Table 1 (Metric), Note (8) of the Standard Specifications to read:

“(8) In addition to the Type III portland cement, 60 kg/cu m of ground granulated blast-furnace slag and 30 kg/cu m of microsilica (silica fume) shall be used. For an air temperature greater than 30 °C, the Type III portland cement may be replaced with Type I, IL, or II portland cement.”

Revise the second paragraph of Article 1020.05(a) of the Standard Specifications to read:

“For a mix design using a portland-pozzolan cement, portland blast-furnace slag cement, portland-limestone cement, or replacing portland cement with finely divided minerals per Articles 1020.05(c) and 1020.05(d), the Contractor may submit a mix design with a minimum portland cement content less than 400 lbs/cu yd (237 kg/cu m), but not less than 375 lbs/cu yd (222 kg/cu m), if the mix design is shown to have a minimum relative dynamic modulus of elasticity of 80 percent determined according to AASHTO T 161. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete.”



Revise the first sentence of the first paragraph of Article 1020.05(b) of the Standard Specifications to read:

“Corrosion inhibitors and concrete admixtures shall be according to the qualified product lists.”

Delete the fourth and fifth sentences of the second paragraph of Article 1020.05(b) of the Standard Specifications.

Revise the third sentence of the second paragraph of Article 1020.05(b)(5) of the Standard Specifications to read:

“The qualified product lists of concrete admixtures shall not apply.”

Revise second paragraph of Article 1020.05(b)(10) of the Standard Specifications to read:

“When calcium nitrite is used, it shall be added at the rate of 4 gal/cu yd (20 L/cu m) and shall be added to the mix immediately after all compatible admixtures have been introduced to the batch. Other corrosion inhibitors shall be added per the manufacturer’s specifications.”

Delete the third paragraph of Article 1020.05(b)(10) of the Standard Specifications.

Revise Article 1020.15(b)(1)c. of the Standard Specifications to read:

“c. The minimum portland cement content in the mixture shall be 375 lbs/cu yd (222 kg/cu m). When the total of organic processing additions, inorganic processing additions, and limestone addition exceed 5.0 percent in the cement, the minimum portland cement content in the mixture shall be 400 lbs/cu yd (237 kg/cu m). For a drilled shaft, foundation, footing, or substructure, the minimum portland cement may be reduced to as low as 330 lbs/cu yd (196 kg/cu m) if the concrete has adequate freeze/thaw durability. The Contractor shall provide freeze/thaw test results according to AASHTO T 161, and the relative dynamic modulus of elasticity of the mix design shall be a minimum of 80 percent. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. Freeze/thaw testing will not be required for concrete that will not be exposed to freezing and thawing conditions as determined by the Engineer.”

Revise Article 1021.01 of the Standard Specifications to read:

“**1021.01 General.** Admixtures shall be furnished in liquid or powder form ready for use. The admixtures shall be delivered in the manufacturer's original containers, bulk tank trucks or such containers or tanks as are acceptable to the Engineer. Delivery shall be accompanied by a ticket which clearly identifies the manufacturer, the date of manufacture, and trade name of the material. Containers shall be readily identifiable as to manufacturer, the date of manufacture, and trade name of the material they contain.

Concrete admixtures shall be on one of the Department's qualified product lists. Unless otherwise noted, admixtures shall have successfully completed and remain current with the AASHTO Product Eval and Audit Concrete Admixture (CADD) testing program. For admixture submittals to the Department; the product brand name, manufacturer name, admixture type or types, an electronic link to the product's technical data sheet, and the NTPEP testing number which contains an electronic link to all test data shall be provided. In addition, a letter shall be submitted certifying that no changes have been made in the formulation of the material since the most current round of tests conducted by AASHTO Product Eval and Audit. After 28 days of testing by AASHTO Product Eval and Audit, air-entraining admixtures may be provisionally approved and used on Departmental projects. For all other admixtures, unless otherwise noted, the time period after which provisionally approved status may be earned is 6 months.

The manufacturer shall include the following in the submittal to the AASHTO Product Eval and Audit CADD testing program: the manufacturing range for specific gravity, the midpoint and manufacturing range for residue by oven drying, and manufacturing range of pH. The submittal shall also include an infrared spectrophotometer trace no more than five years old.

For air-entraining admixtures according to Article 1021.02, the specific gravity allowable manufacturing range established by the manufacturer shall be according to AASHTO M 194. For residue by oven drying and pH, the allowable manufacturing range and test methods shall be according to AASHTO M 194.

For admixtures according to Articles 1021.03, 1021.04, 1021.05, 1021.06, 1021.07, and 1021.08, the pH allowable manufacturing range established by the manufacturer shall be according to ASTM E 70. For specific gravity and residue by oven drying, the allowable manufacturing range and test methods shall be according to AASHTO M 194.

All admixtures, except chloride-based accelerators, shall contain a maximum of 0.3 percent chloride by weight (mass) as determined by an appropriate test method. To verify the test result, the Department will use Illinois Modified AASHTO T 260, Procedure A, Method 1.

Prior to final approval of an admixture, the Engineer reserves the right to request a sample for testing. The test and reference concrete mixtures tested by the Engineer will contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). For freeze-thaw testing, the Department will perform the test according to Illinois Modified AASHTO T 161. The flexural strength test will be performed according to AASHTO T 177. If the Engineer decides to test the admixture, the manufacturer shall submit AASHTO T 197 water content and set time test results on the standard cement used by the Department. The manufacturer may select their lab or an independent lab to perform this testing. The laboratory is not required to be accredited by AASHTO.

Random field samples may be taken by the Department to verify an admixture meets specification. A split sample will be provided to the manufacturer if requested. Admixtures that do not meet specification requirements or an allowable manufacturing range established by the manufacturer shall be replaced with new material."

Revise Article 1021.03 of the Standard Specifications to read:

**“1021.03 Retarding and Water-Reducing Admixtures.** The admixture shall be according to the following.

- (a) Retarding admixtures shall be according to AASHTO M 194, Type B (retarding) or Type D (water-reducing and retarding).
- (b) Water-reducing admixtures shall be according to AASHTO M 194, Type A.
- (c) High range water-reducing admixtures shall be according to AASHTO M 194, Type F (high range water-reducing) or Type G (high range water-reducing and retarding).”

Revise Article 1021.05 of the Standard Specifications to read:

**“1021.05 Self-Consolidating Admixtures.** Self-consolidating admixture systems shall consist of either a high range water-reducing admixture only or a high range water-reducing admixture combined with a separate viscosity modifying admixture. The one or two component admixture system shall be capable of producing a concrete that can flow around reinforcement and consolidate under its own weight without additional effort and without segregation.

High range water-reducing admixtures shall be according to AASHTO M 194, Type F.

Viscosity modifying admixtures shall be according to AASHTO M 194, Type S (specific performance).”

Revise Article 1021.06 of the Standard Specifications to read:

**“1021.06 Rheology-Controlling Admixture.** Rheology-controlling admixtures shall be capable of producing a concrete mixture with a lower yield stress that will consolidate easier for slipform applications used by the Contractor. Rheology-controlling admixtures shall be according to AASHTO M 194, Type S (specific performance).”

Revise Article 1021.07 of the Standard Specifications to read:

**“1021.07 Corrosion Inhibitor.** The corrosion inhibitor shall be according to one of the following.

- (a) Calcium Nitrite. Corrosion inhibitors shall contain a minimum 30 percent calcium nitrite by weight (mass) of solution and shall comply with either the requirements of AASHTO M 194, Type C (accelerating) or the requirements of ASTM C 1582. The corrosion inhibiting performance requirements of ASTM C 1582 shall not apply.
- (b) Other Materials. The corrosion inhibitor shall be according to ASTM C 1582.

For submittals requiring testing according to ASTM M 194, Type C (accelerating), the admixture shall meet the requirements of the AASHTO Product Eval and Audit CADD testing program according to Article 1021.01.

For submittals requiring testing according to ASTM C 1582, a report prepared by an independent laboratory accredited by AASHTO re:source for portland cement concrete shall be provided. The report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications. However, ASTM G 109 test information specified in ASTM C 1582 is not required to be from an independent accredited lab. All other information in ASTM C 1582 shall be from an independent accredited lab. Test data and other information required to be submitted to AASHTO Product Eval and Audit according to Article 1021.01, shall instead be submitted directly to the Department.”

Add Article 1021.08 of the Standard Specifications as follows:

**“1021.08 Other Specific Performance Admixtures.** Other specific performance admixtures shall, at a minimum, be according to AASHTO M 194, Type S (specific performance). The Department also reserves the right to require other testing, as determined by the Engineer, to show evidence of specific performance characteristics.

Initial testing according to AASHTO M 194 may be conducted under the AASHTO Product Eval and Audit CADD testing program according to Article 1021.01, or by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. In either case, test data and other information required to be submitted to AASHTO Product Eval and Audit according to Article 1021.01, shall also be submitted directly to the Department. The independent accredited lab report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications.”

Revise Article 1024.01 of the Standard Specifications to read:

**“1024.01 Requirements for Grout.** The grout shall be proportioned by dry volume, thoroughly mixed, and shall have a minimum temperature of 50 °F (10 °C). Water shall not exceed the minimum needed for placement and finishing.

Materials for the grout shall be according to the following.

Item	Article/Section
(a) Cement .....	1001
(b) Water .....	1002
(c) Fine Aggregate .....	1003.02
(d) Fly Ash .....	1010
(e) Ground Granulated Blast Furnace (GGBF) Slag.....	1010
(f) Concrete Admixtures .....	1021”

Revise Note 1 of Article 1024.02 of the Standard Specifications to read:

“Note 1. Nonshrink grout shall be according to Illinois Modified ASTM C 1107.

The nonshrink grout shall have a water-soluble chloride ion content of less than 0.40 lb/cu yd (0.24 kg/cu m). The test shall be performed according to ASTM C 1218, and the grout shall have an age of 28 to 42 days at the time of test. The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. Mixing of the nonshrink grout shall be according to the manufacturer’s specifications. The Department will maintain a qualified product list.”

Revise Article 1029.02 of the Standard Specifications to read:

“ **1029.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Cement.....	1001
(b) Fly Ash .....	1010
(c) Ground Granulated Blast Furnace (GGBF) Slag .....	1010
(d) Water.....	1002
(e) Fine Aggregate.....	1003
(f) Concrete Admixtures.....	1021
(g) Foaming Agent (Note 1)	

Note 1. The manufacturer shall submit infrared spectrophotometer trace and test results indicating the foaming agent meets the requirements of ASTM C 869 in order to be on the Department's qualified product list. Submitted data/results shall not be more than five years old.”

Revise the second paragraph of Article 1103.03(a)(4) the Standard Specifications to read:

“The dispenser system shall provide a visual indication that the liquid admixture is actually entering the batch, such as via a transparent or translucent section of tubing or by independent check with an integrated secondary metering device. If approved by the Engineer, an alternate indicator may be used for admixtures dosed at rates of 25 oz/cwt (1630 mL/100 kg) or greater, such as accelerating admixtures, corrosion inhibitors, and viscosity modifying admixtures.”

Revise the first two sections of Check Sheet #11 of the Supplemental Specifications and Recurring Special Provisions to read:

“Description. This work shall consist of filling voids beneath rigid and composite pavements with cement grout.

Materials. Materials shall be according to the following Articles of Division 1000 - Materials of the Standard Specifications:

Item	Article/Section
(a) Cement .....	1001
(b) Water .....	1002
(c) Fly Ash .....	1010
(d) Ground Granulated Blast Furnace (GGBF) Slag.....	1010
(e) Admixtures .....	1021
(f) Packaged Rapid Hardening Mortar or Concrete .....	1018”

Revise the third paragraph of Materials Note 2 of Check Sheet #28 of the Supplemental Specifications and Recurring Special Provisions to read:

“The Department will maintain a qualified product list of synthetic fibers, which will include the minimum required dosage rate. For the minimum required fiber dosage rate based on the Illinois Modified ASTM C 1609 test, a report prepared by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete shall be provided. The

report shall show results of tests conducted no more than five years prior to the time of submittal.”

## **COMPENSABLE DELAY COSTS (BDE)**

Effective: June 2, 2017

Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

“(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

- (1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.
- (2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.
- (3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days.”

Revise Article 107.40(c) of the Standard Specifications to read:

“(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

- (1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

- (2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

- (3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13.”

Revise Article 108.04(b) of the Standard Specifications to read:

“(b) No working day will be charged under the following conditions.

- (1) When adverse weather prevents work on the controlling item.
- (2) When job conditions due to recent weather prevent work on the controlling item.
- (3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.
- (4) When delays caused by utility or railroad adjustments prevent work on the controlling item.
- (5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.
- (6) When any condition over which the Contractor has no control prevents work on the controlling item.”

Revise Article 109.09(f) of the Standard Specifications to read:

- “(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited.”

Add the following to Section 109 of the Standard Specifications.

**“109.13 Payment for Contract Delay.** Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.

Payment for each of the various costs will be according to the following.

- (a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.
- (b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.
  - (1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to \$5,000,000	One Project Superintendent
Over \$ 5,000,000 - up to \$25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over \$25,000,000 - up to \$50,000,000	One Project Manager, One Project Superintendent, One Engineer, and One Clerk
Over \$50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk



(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

#### **DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)**

Effective: September 1, 2000

Revised: January 2, 2025

1. OVERVIEW AND GENERAL OBLIGATION. The Department of Transportation, as a recipient of federal financial assistance, is required to take all necessary and reasonable steps to ensure nondiscrimination in the award and administration of contracts. Consequently, the federal regulatory provisions of 49 CFR Part 26 apply to this contract concerning the utilization of disadvantaged business enterprises. For the purposes of this Special Provision, a disadvantaged business enterprise (DBE) means a business certified in accordance with the requirements of 49 CFR Part 26 and listed in the Illinois Unified Certification Program (IL UCP) DBE Directory. Award of the contract is conditioned on meeting the requirements of 49 CFR Part 26, and failure by the Contractor to carry out the requirements of Part 26 is a material breach of the contract and may result in the termination of the contract or such other remedies as the Department deems appropriate.
2. CONTRACTOR ASSURANCE. All assurances set forth in FHWA 1273 are hereby incorporated by reference and will be physically attached to the final contract and all subcontracts.
3. CONTRACT GOAL TO BE ACHIEVED BY THE CONTRACTOR. The Department has determined the work of this contract has subcontracting opportunities that may be suitable for performance by DBE companies and that, in the absence of unlawful discrimination and in an arena of fair and open competition, DBE companies can be expected to perform 0.00% of the work. This percentage is set as the DBE participation goal for this contract. Consequently, in addition to the other award criteria established for this contract, the Department will only award this contract to a bidder who makes a good faith effort to meet this goal of DBE participation in the performance of the work in accordance with the requirements of 49 CFR 26.53 and SBE Memorandum No. 24-02.
4. IDENTIFICATION OF CERTIFIED DBE. Information about certified DBE Contractors can be found in the Illinois UCP Directory. Bidders can obtain additional information and assistance with identifying DBE-certified companies at the Department's website or by contacting the Department's Bureau of Small Business Enterprises at (217) 785-4611.

5. BIDDING PROCEDURES. Compliance with this Special Provision and SBE Policy Memorandum 24-02 is a material bidding requirement. The following shall be included with the bid.
- (a) DBE Utilization Plan (form SBE 2026) documenting enough DBE participation has been obtained to meet the goal, or a good faith effort has been made to meet the goal even though the efforts did not succeed in obtaining enough DBE participation to meet the goal.
  - (b) Applicable DBE Participation Statement (form SBE 2023, 2024, and/or 2025) for each DBE firm the bidder has committed to perform the work to achieve the contract goal.

The required forms and documentation shall be submitted as a single .pdf file using the "Integrated Contractor Exchange (iCX)" application within the Department's "EBids System".

The Department will not accept a bid if it does not meet the bidding procedures set forth herein and the bid will be declared non-responsive. A bidder declared non-responsive for failure to meet the bidding procedures will not give rise to an administrative reconsideration. In the event the bid is declared non-responsive, the Department may elect to cause the forfeiture of the penal sum of the bidder's proposal guaranty and may deny authorization to bid the project if re-advertised for bids.

6. UTILIZATION PLAN EVALUATION. The contract will not be awarded until the Utilization Plan is approved. All information submitted by the bidder must be complete, accurate, and adequately document the bidder has committed to DBE participation sufficient to meet the goal, or that the bidder has made good faith efforts to do so, in the event the bidder cannot meet the goal, in order for the Department to commit to the performance of the contract by the bidder.

The Utilization Plan will be approved by the Department if the Utilization Plan documents sufficient commercially useful DBE work to meet the contract goal or the Department determines, based upon the documentation submitted, that the bidder has made a good faith effort to meet the contract goal pursuant to 49 CFR Part 26, Appendix A and the requirements of SBE 2026.

If the Department determines that a good faith effort has not been made, the Department will notify the responsible company official designated in the Utilization Plan of that determination in accordance with SBE Policy Memorandum 24-02.

7. CALCULATING DBE PARTICIPATION. The Utilization Plan values represent work the bidder commits to have performed by the specified DBEs and paid for upon satisfactory completion. The Department is only able to count toward the achievement of the overall goal and the contract goal the value of payments made for the work actually performed by DBE firms. In addition, a DBE must perform a commercially useful function on the contract to be counted. A commercially useful function is generally performed when the DBE is responsible for the work and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. The Department and Contractor are governed by the provisions of 49 CFR Part 26.55(c) on questions of commercially useful functions as it affects the work. Specific guidelines for counting goal credit are provided in 49 CFR Part 26.55. In evaluating Utilization Plans for award the Department will count goal credit as set forth in Part 26 and in accordance with SBE Policy Memorandum 24-02.

8. **CONTRACT COMPLIANCE.** The Contractor must utilize the specific DBEs listed to perform the work and supply the materials for which each DBE is listed in the Contractor's approved Utilization Plan, unless the Contractor obtains the Department's written consent to terminate the DBE or any portion of its work. The DBE Utilization Plan approved by SBE is a condition-of-award, and any deviation to that Utilization Plan, the work set forth therein to be performed by DBE firms, or the DBE firms specified to perform that work, must be approved, in writing, by the Department in accordance with federal regulatory requirements. Deviation from the DBE Utilization Plan condition-of-award without such written approval is a violation of the contract and may result in termination of the contract or such other remedy the Department deems appropriate. The following administrative procedures and remedies govern the compliance by the Contractor with the contractual obligations established by the Utilization Plan.
- (a) **NOTICE OF DBE PERFORMANCE.** The Contractor shall provide the Engineer with at least three days advance notice of when all DBE firms are expected to perform the work committed under the Contractor's Utilization Plan.
- (b) **SUBCONTRACT.** If awarded the contract, the Contractor is required to enter into written subcontracts with all DBE firms indicated in the approved Utilization Plan and must provide copies of fully executed DBE subcontracts to the Department upon request. Subcontractors shall ensure that all lower tier subcontracts or agreements with DBEs to supply labor or materials be performed in accordance with this Special Provision.
- (c) **PAYMENT TO DBE FIRMS.** The Department is prohibited by federal regulations from crediting the participation of a DBE included in the Utilization Plan toward either the contract goal or the Department's overall goal until the amount to be applied toward the goal has been paid to the DBE. The Contractor shall document and report all payments for work performed by DBE certified firms in accordance with Article 109.11 of the Standard Specifications. All records of payment for work performed by DBE certified firms shall be made available to the Department upon request.
- (d) **FINAL PAYMENT.** After the performance of the final item of work or trucking, or delivery of material by a DBE and final payment to the DBE by the Contractor, but not later than 30 calendar days after payment has been made by the Department to the Contractor for such work or material, the Contractor shall submit a DBE Payment Agreement (form SBE 2115) to the Engineer. If the Contractor does not have the full amount of work indicated in the Utilization Plan performed by the DBE companies indicated in the Utilization Plan and after good faith efforts are reviewed, the Department may deduct from contract payments to the Contractor the amount of the goal not achieved as liquidated and ascertained damages.
- (g) **ENFORCEMENT.** The Department reserves the right to withhold payment to the Contractor to enforce the provisions of this Special Provision. Final payment shall not be made on the contract until such time as the Contractor submits sufficient documentation demonstrating achievement of the goal in accordance with this Special Provision or after liquidated damages have been determined and collected.

## ILLINOIS WORKS APPRENTICESHIP INITIATIVE – STATE FUNDED CONTRACTS (BDE)

Effective: June 2, 2021

Revised: April 2, 2024

Illinois Works Jobs Program Act (30 ILCS 559/20-1 et seq.). For contracts having an awarded contract value of \$500,000 or more, the Contractor shall comply with the Illinois Works Apprenticeship Initiative (30 ILCS 559/20-20 to 20-25) and all applicable administrative rules. The goal of the Illinois Apprenticeship Works Initiative is that apprentices will perform either 10% of the total labor hours actually worked in each prevailing wage classification or 10% of the estimated labor hours in each prevailing wage classification, whichever is less. Of this goal, at least 50% of the labor hours of each prevailing wage classification performed by apprentices shall be performed by graduates of the Illinois Works Pre-Apprenticeship Program, the Illinois Climate Works Pre-Apprenticeship Program, or the Highway Construction Careers Training Program.

The Contractor may seek from the Department of Commerce and Economic Opportunity (DCEO) a waiver or reduction of this goal in certain circumstances pursuant to 30 ILCS 559/20-20(b). The Contractor shall ensure compliance during the term of the contract and will be required to report on and certify its compliance. An apprentice use plan, apprentice hours, and a compliance certification shall be submitted to the Engineer on forms provided by the Department and/or DCEO.

## REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)

Effective: January 1, 2024

Revised: April 1, 2024

Revise the first paragraph of Article 669.04 of the Standard Specifications to read:

**“669.04 Regulated Substances Monitoring.** Regulated substances monitoring includes environmental observation and field screening during regulated substances management activities. The excavated soil and groundwater within the work areas shall be managed as either uncontaminated soil, hazardous waste, special waste, or non-special waste.

As part of the regulated substances monitoring, the monitoring personnel shall perform and document the applicable duties listed on form BDE 2732 “Regulated Substances Monitoring Daily Record (RSMDR)”.

Revise the first two sentences of the nineteenth paragraph of Article 669.05 of the Standard Specifications to read:

“The Contractor shall coordinate waste disposal approvals with the disposal facility and provide the specific analytical testing requirements of that facility. The Contractor shall make all arrangements for collection, transportation, and analysis of landfill acceptance testing.”

Revise the last paragraph of Article 669.05 of the Standard Specifications to read:

“The Contractor shall select a permitted landfill facility or CCDD/USFO facility meeting the requirements of 35 Ill. Admin. Code Parts 810-814 or Part 1100, respectively. The Department will review and approve or reject the facility proposed by the Contractor based upon information provided in BDE 2730. The Contractor shall verify whether the selected facility is compliant with those applicable standards as mandated by their permit and whether the facility is presently, has previously been, or has never been, on the United States Environmental Protection Agency (U.S. EPA) National Priorities List or the Resource Conservation and Recovery Act (RCRA) List of Violating Facilities. The use of a Contractor selected facility shall in no manner delay the construction schedule or alter the Contractor's responsibilities as set forth.”

Revise the first paragraph of Article 669.07 of the Standard Specifications to read:

“**669.07 Temporary Staging.** Soil classified according to Articles 669.05(a)(2), (b)(1), or (c) may be temporarily staged at the Contractor's option. All other soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) shall be managed and disposed of without temporary staging to the greatest extent practicable. If circumstances beyond the Contractor's control require temporary staging of these latter materials, the Contractor shall request approval from the Engineer in writing.

Topsoil for re-use as final cover which has been field screened and found not to exhibit PID readings over daily background readings as documented on the BDE 2732, visual staining or odors, and is classified according to Articles 669.05(a)(2), (a)(3), (a)(4), (b)(1), or (c) may be temporarily staged at the Contractor's option.”

Add the following paragraph after the sixth paragraph of Article 669.11 of the Standard Specifications.

“The sampling and testing of effluent water derived from dewatering discharges for priority pollutants volatile organic compounds (VOCs), priority pollutants semi-volatile organic compounds (SVOCs), or priority pollutants metals, will be paid for at the contract unit price per each for VOCS GROUNDWATER ANALYSIS using EPA Method 8260B, SVOCs GROUNDWATER ANALYSIS using EPA Method 8270C, or RCRA METALS GROUNDWATER ANALYSIS using EPA Methods 6010B and 7471A. This price shall include transporting the sample from the job site to the laboratory.”

Revise the first sentence of the eight paragraph of Article 669.11 of the Standard Specifications to read:

“Payment for temporary staging of soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) to be managed and disposed of, if required and approved by the Engineer, will be paid according to Article 109.04.”

## **SUBCONTRACTOR AND DBE PAYMENT REPORTING (BDE)**

Effective: April 2, 2018

Add the following to Section 109 of the Standard Specifications.

**“109.14 Subcontractor and Disadvantaged Business Enterprise Payment Reporting.**  
The Contractor shall report all payments made to the following parties:

- (a) first tier subcontractors;
- (b) lower tier subcontractors affecting disadvantaged business enterprise (DBE) goal credit;
- (c) material suppliers or trucking firms that are part of the Contractor’s submitted DBE utilization plan.

The report shall be made through the Department’s on-line subcontractor payment reporting system within 21 days of making the payment.”

## **SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)**

Effective: November 2, 2017

Revised: April 1, 2019

Replace the second paragraph of Article 109.12 of the Standard Specifications with the following:

“This mobilization payment shall be made at least seven days prior to the subcontractor starting work. The amount paid shall be at the following percentage of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor’s work.

Value of Subcontract Reported on Form BC 260A	Mobilization Percentage
Less than \$10,000	25%
\$10,000 to less than \$20,000	20%
\$20,000 to less than \$40,000	18%
\$40,000 to less than \$60,000	16%
\$60,000 to less than \$80,000	14%
\$80,000 to less than \$100,000	12%
\$100,000 to less than \$250,000	10%
\$250,000 to less than \$500,000	9%
\$500,000 to \$750,000	8%
Over \$750,000	7%”

## **SUBMISSION OF BIDDERS LIST INFORMATION (BDE)**

Effective: January 2, 2025

Revised: March 2, 2025

In accordance with 49 CFR 26.11(c) all DBE and non-DBEs who bid as prime contractors and subcontractors shall provide bidders list information, including all DBE and non-DBE firms from whom the bidder has received a quote or bid to work as a subcontractor, whether or not the bidder has relied upon that bid in placing its bid as the prime contractor.

The bidders list information shall be submitted with the bid using the link provided within the "Integrated Contractor Exchange (iCX)" application of the Department's "EBids System".

## **SUBMISSION OF PAYROLL RECORDS (BDE)**

Effective: April 1, 2021

Revised: November 2, 2023

FEDERAL AID CONTRACTS. Revise the following section of Check Sheet #1 of the Recurring Special Provisions to read:

### **"STATEMENTS AND PAYROLLS**

The payroll records shall include the worker's name, social security number, last known address, telephone number, email address, classification(s) of work actually performed, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof), daily and weekly number of hours actually worked in total, deductions made, and actual wages paid.

The Contractor and each subcontractor shall submit certified payroll records to the Department each week from the start to the completion of their respective work, except that full social security numbers, last known addresses, telephone numbers, and email addresses shall not be included on weekly submittals. Instead, the payrolls need only include an identification number for each employee (e.g., the last four digits of the employee's social security number). The submittals shall be made using LCPTracker Pro software. The software is web-based and can be accessed at <https://lcptracker.com/>. When there has been no activity during a work week, a payroll record shall still be submitted with the appropriate option ("No Work", "Suspended", or "Complete") selected."

STATE CONTRACTS. Revise Item 3 of Section IV of Check Sheet #5 of the Recurring Special Provisions to read:

- "3. Submission of Payroll Records. The Contractor and each subcontractor shall, no later than the 15<sup>th</sup> day of each calendar month, file a certified payroll for the immediately preceding month to the Illinois Department of Labor (IDOL) through the Illinois Prevailing Wage Portal in compliance with the State Prevailing Wage Act (820 ILCS 130). The portal can be found on the IDOL website at <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Prevailing-Wage-Portal.aspx>. Payrolls shall be submitted in the format prescribed by the IDOL.

In addition to filing certified payroll(s) with the IDOL, the Contractor and each subcontractor shall certify and submit payroll records to the Department each week from the start to the completion of their respective work, except that full social security numbers

shall not be included on weekly submittals. Instead, the payrolls shall include an identification number for each employee (e.g., the last four digits of the employee's social security number). In addition, starting and ending times of work each day may be omitted from the payroll records submitted. The submittals shall be made using LCPtracker Pro software. The software is web-based and can be accessed at <https://lcptracker.com/>. When there has been no activity during a work week, a payroll record shall still be submitted with the appropriate option ("No Work", "Suspended", or "Complete") selected."

### **SURVEYING SERVICES (BDE)**

Effective: April 1, 2025

Delete the fourth paragraph of Article 667.04 of the Standard Specifications.

Delete Section 668 of the Standard Specifications.

### **VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)**

Effective: November 1, 2021

Revised: November 1, 2022

Add the following paragraph after the first paragraph of Article 701.08 of the Standard Specifications:

"The Contractor shall equip all vehicles and equipment with high-intensity oscillating, rotating, or flashing, amber or amber-and-white, warning lights which are visible from all directions. In accordance with 625 ILCS 5/12-215, the lights may only be in operation while the vehicle or equipment is engaged in construction operations."

### **WEEKLY DBE TRUCKING REPORTS (BDE)**

Effective: June 2, 2012

Revised: January 2, 2025

The following applies to all Disadvantaged Business Enterprise (DBE) trucks on the project, whether they are utilized for DBE goal credit or not.

The Contractor shall notify the Engineer at least three days prior to DBE trucking activity.

The Contractor shall submit a weekly report of DBE trucks hired by the Contractor or subcontractors (i.e. not owned by the Contractor or subcontractors) to the Engineer on Department form "SBE 723" within ten business days following the reporting period. The reporting period shall be Sunday through Saturday for each week reportable trucking activities occur.

Any costs associated with providing weekly DBE trucking reports shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed.



## WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Revised: January 1, 2025

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports ..... 1106.02”

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

“For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer’s specifications.”

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

“ **701.15 Traffic Control Devices.** For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer’s self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device.”

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

“ **1106.02 Devices.** Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices shall be MASH compliant.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices shall be MASH compliant.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as sign supports, speed feedback displays, arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH compliant is available, an NCHRP 350 compliant device may be used, even if manufactured after December 31, 2019.”

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

“(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis.”

## **REVISIONS TO THE ILLINOIS PREVAILING WAGE RATES**

The Prevailing rates of wages are included in the Contract proposals which are subject to Check Sheet #5 of the Supplemental Specifications and Recurring Special Provisions. The rates have been ascertained and certified by the Illinois Department of Labor for the locality in which the work is to be performed and for each craft or type of work or mechanic needed to execute the work of the Contract. As required by Prevailing Wage Act (820 ILCS 130/0.01, et seq.) and Check Sheet #5 of the Contract, not less than the rates of wages ascertained by the Illinois Department of Labor and as revised during the performance of a Contract shall be paid to all laborers, workers and mechanics performing work under the Contract. Post the scale of wages in a prominent and easily accessible place at the site of work.

If the Illinois Department of Labor revises the prevailing rates of wages to be paid as listed in the specification of rates, the contractor shall post the revised rates of wages and shall pay not less than the revised rates of wages. Current wage rate information shall be obtained by visiting the Illinois Department of Labor web site at <http://www.state.il.us/agency/idol/> or by calling 312-793-2814. It is the responsibility of the contractor to review the rates applicable to the work of the contract at regular intervals in order to insure the timely payment of current rates. Provision of this information to the contractor by means of the Illinois Department of Labor web site satisfies the notification of revisions by the Department to the contractor pursuant to the Act, and the contractor agrees that no additional notice is required. The contractor shall notify each of its subcontractors of the revised rates of wages.