

# Special Provisions



**Illinois**  
Department of  
**Natural Resources**  
Springfield, Illinois 62702

Illinois Department of Natural Resources  
Office of Reality and Capital Planning  
Division of State Wide Operations

Contract No. 3-23-001

Project Name: Weldon Springs Recreational Trail and Bridge  
Improvements  
Weldon Springs State Park  
DeWitt County



*License  
Expires  
11/30/2027*

*Luke Murphy  
04/08/2026*

**SPECIAL PROVISIONS**

For the construction of  
Weldon Springs Recreational Trail and Bridge Improvements Project  
DeWitt County, Illinois  
Contract 3-23-001

The "Standard Specifications for Road and Bridge Construction," adopted January 1, 2022, by the Illinois Department of Transportation and supplemented by the "Supplemental Specifications and Recurring Special Provisions," adopted January 1, 2026, are incorporated by reference and made a part of this Contract for the Weldon Springs Recreational Trail and Bridge Improvements Project, DeWitt County, Contract 3-23-001" project. The "Standard Specifications for Road and Bridge Construction," are hereinafter referred to as the "Standard Specifications". The Standard Specifications and the Supplemental Specifications and Recurring Special Provisions can be purchased from the Illinois Department of Transportation (IDOT) or downloaded from the IDOT website.

The following Special Provisions supplement the Standard Specifications and the Supplemental Specifications and Recurring Special Provisions. In the event of a conflict, the hierarchy in Article 105.05 of the Standard Specifications shall govern.

In the application of the Standard Specifications to this Contract, references to the Department of Transportation shall be interpreted to mean the Department of Natural Resources hereinafter referred to as the Department. All references in the Standard Specifications to the Department's qualified producer list refers to the IDOT prequalified list.

The Invitation for Bids, issuance of Contract, Proposal Guarantee, Schedule of Bid Items, Signature Sheet, Opening of Bids, Acceptance of Bids, other bidding or contract requirements shall be in accordance with the policies and procedures of the Illinois Department of Natural Resources - Office of Realty and Environmental Planning.

**PREQUALIFICATIONS**

The contractor shall be on the Illinois Department of Transportation (IDOT) pre-approved list, unless otherwise acceptable to the Department.

**BIDDING**

Bids will be accepted by electronic submission on BidBuy only.

**CONSTRUCTION START DATE**

The Contractor shall begin construction to be performed under the contract as stated in the Construction Start Date paragraph of these Special Provisions.

**FUNDING**

This project is being funded with State funds and federal funds from the Recreational Trails Program (RTP) administered by the Illinois Department of Natural Resources.

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FOR  
SUPPLEMENTAL SPECIFICATIONS AND RECURRING  
SPECIAL PROVISIONS

Adopted January 1, 2026

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS, frequently used RECURRING SPECIAL PROVISIONS, and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS.

ERRATA Standard Specifications for Road and Bridge Construction  
(Adopted 1-1-22) (Revised 1-1-26)

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GENERAL

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 the "Weldon Springs Recreational Trail and Bridge Improvements Project." In the event of a conflict with any part or parts of said Specifications, the hierarchy of contract documents in Article 105.05 in the Standard Specifications shall govern.

DESCRIPTION OF THE PROJECT

The Weldon Springs Recreational Trail and Bridge Improvements Project consists of furnishing all labor, materials, tools and equipment for the removal of an existing timber bridge structure, installing a new timber bridge structure, installing new timber stairs, shallow concrete caisson foundations and associated reinforcement steel, traffic control for hiking paths, parking lots, and roadways as necessary to complete the project, erosion control as outlined in the plans, and maintenance and clean-up of affected trails, parking areas, and park roads used for the project.

LOCATION OF THE PROJECT

The proposed Weldon Springs Recreational Trail and Bridge Improvements Project is located on the south half of Weldon Springs State Park, along the hiking trails between the dam and the Long Point Group Campsite in DeWitt County of central Illinois.

ABILITY OF CONTRACTOR TO COMPLETE WORK

The Contractor shall furnish the necessary labor, materials, tools, equipment and supervision to successfully complete all phases of the contract as described herein.

The Contractor shall perform all work indicated or implied in the Contract Documents. All work not specified but required to complete the project in a satisfactory manner, shall be performed by the Contractor. All items of work not listed in the Bid Items shall be considered as incidental work to the Contract and no additional compensation will be allowed. The project includes all incidental and collateral work required for the completion of the project in accordance with the requirements of the Contract Documents.

RESPONSIBILITY OF THE CONTRACTOR

It shall be the responsibility of the Contractor to visit the site in order to become fully acquainted with all the surrounding conditions pertaining to the project.

CONSTRUCTION START DATE

In Article 108.03 of the Standard Specifications, add the following:

The Construction Start date is July 7, 2026, unless otherwise acceptable to the Engineer. After execution of the contract, the Contractor shall prepare and transmit submittals. Materials may be ordered after acceptance of the submittal. After the projected delivery date of long lead items are known, an earlier Construction Start date may be acceptable to the Engineer. No construction will be allowed prior to the Construction Start date, unless otherwise acceptable to the Engineer. The Construction Start date shall be shown on the construction schedule.

WORK COMPLETION DATE

In addition to Article 108.05(a) of the Standard Specifications, the following shall apply:

The Contractor shall complete all work on or before the Work Completion Date. The Work Completion Date will be determined by adding 90 calendar days to the Construction Start Date. The Work Completion Date shall be shown on the construction schedule.

Add to Article 101.55: "Additionally, the work shall include punch list, site cleaning and removal of equipment and excess materials."

CLOSE-OUT DOCUMENTS DATE

The Close-out Documents Date shall be 75 calendar days added to the Work Completion Date. All project close-out documents shall be completed by the Close-out Documents Date. The Close-out Documents Date shall be shown on the construction schedule.

CONTRACT END DATE

The Contract End Date shall be May 14, 2027. The Contract End Date shall be shown on the construction schedule.

PROGRESS AND LIQUIDATED DAMAGES

If the work is not completed by the Work Completion Date, then the Department may assess liquidated damages in accordance with Article 108.09 of the Standard Specifications.

The final payment to the Contractor will be processed after all Close-out Documents have been reviewed and accepted. If the project close-out documents are not completed by the Close-out Documents Date, then the Contractor may be liable to pay the Department \$300.00 per calendar day as liquidated damages for failure to provide the close-out documents. The liquidated damages amount specified will accrue and be assessed until the close-out documents are complete.

CERTIFIED PAYROLL

The Contractor and all sub-contractors shall submit certified payroll records to the Illinois Department of Labor (IDOL) and to the Project Manager. The payroll records shall include all workers employed by the contractors on the project. Payroll records shall be submitted to the IDOL in IDOL format. The Contractor shall transmit a copy of the certified payroll in IDOL format with the IDOL transcript to the Engineer no later than the 15th day of each calendar month for the preceding month. See Submission of Payroll Records Special Provision.

In accordance with 820 ILCS 130/5, the Contractor and sub-contractor(s) shall make and keep, for a period of 5 years from the date of the last payment made on or after January 1, 2014, (the effective date of Public Act 98-328) on a contract or subcontract for public works, records of all laborers, mechanics, and other workers employed by them on the project.

CONSTRUCTION MANDATORY MEETINGS

For project coordination, satisfactory Contractor performance, and clarification of the requirements of the Contract Documents inclusive of the Special Provisions, the following mandatory meetings shall be scheduled by the Engineer and shall include mandatory representation by the Engineer and Contractor:

1. Pre-construction meeting: Overall review of Project. Contractor shall submit a construction schedule during or prior to the pre-construction meeting.
2. Weekly progress meetings.
3. Prior to construction of shallow concrete caisson foundations
4. Prior to placement of superstructures of both structures
5. Prior to placement of stairs of stairway structure
6. Prior to demobilization by the Contractor

CONTRACT CLAIM

In Article 109.09 (e) of the Standard Specifications:

1. Delete "Engineer of Construction" and insert "Project Manager".
2. Delete "Chief Engineer/Director of Highways or Designee" and insert "Kyle Schweizer, PE or other licensed Professional Engineer designated by the Director of Office of Reality and Environmental Planning (Director)".

Add to Article 109.09(e): "Each Level of the claim shall be submitted to the Project Manager. Two paper copies and one electronic copy shall be transmitted to the Project Manager. Department or Contractor may request an opportunity to present the claim verbally at each level if the claim has not been satisfactorily resolved at the previous level."

In Article 109.09(e)(1): Delete in the third line, "simultaneously to the District and the Engineer of Construction" and insert "to the Project Manager".

In Article 109.09(e)(1): Delete in the fourth line, "in consultation with the District".

### EMPLOYMENT OF PUBLIC WORKERS ON PUBLIC WORKS

In a period of excessive unemployment rates, State contractors (1) constructing or building any public works or (2) cleaning-up and disposing on-site of hazardous waste, and that clean-up or on-site disposal is funded or financed in whole or in part with State funds or funds administered by the State, are required to employ at least 90% Illinois laborers on such project. For projects involving clean-up and on-site disposal of hazardous waste, emergency response or immediate removal activities are excluded. This requirement applies to all labor whether skilled, semi-skilled or unskilled, whether manual or non-manual.

A period of excessive unemployment rates is defined as any month immediately following two consecutive calendar months during which the level of unemployment in the State of Illinois has exceeded 5% as measured by the United States Bureau of Labor Statistics in its monthly publication of employment and unemployment figures.

Any public works project financed in whole or in part by federal funds administered by the State of Illinois is covered under the provisions of this requirement, to the extent permitted by any applicable federal law or regulation. (30 ILCS 570)

Contractors may receive an exception from this requirement by submitting a request and supporting documents certifying that Illinois laborers are either not available or are incapable of performing the particular type of work involved. The certification must: (a) be submitted to the agency within the first quarter of the Contract Term; (b) provide sufficient support that demonstrates the exception is met; (c) be signed by an authorized signatory of the contractor; and (d) be approved by the agency.

### EXISTING PAVEMENTS

Existing on-site trails may be used for construction traffic. The Contractor shall provide additional temporary access when needed with the route acceptable to the Engineer. The Contractor shall maintain and clean existing roads throughout construction and restore roads, parking lots, and trails to original or better condition at completion of work.

### FIELD ENGINEERING AND SURVEYING

Requirements Included:

The Contractor shall furnish all field engineering and surveying services required for the project, including:

1. Lay-out and field stake the construction limits, unless otherwise specified on the plans, to the satisfaction of the Engineer.
2. Survey work required in execution of the construction.
3. Civil, structural or other professional engineering services specified, or required to execute the Contractor's construction methods.

Survey Reference Points:

Existing basic horizontal and vertical control points for the project are identified in the plans for the Contractor's use. The Contractor shall locate and protect control points prior to starting site work and preserve all permanent reference points during construction.

Project Survey Requirement:

The Contractor shall use established benchmarks on-site as identified in the plans. The Contractor shall establish construction limits, lines and levels, locate and lay-out by instrumentation and similar appropriate means, all site improvements. The Engineer may verify the layouts.

Records:

The Contractor shall maintain complete, accurate records, computations and field books of all control and survey work as it progresses. These shall be kept on-site for use of and reference by the Engineer. All records shall be submitted to the Engineer as the records shall become the property of the Department.

Measurement and Payment:

This work will be paid at the contract lump sum price for CONSTRUCTION STAKING.

MAINTENANCE OF EXISTING UTILITIES

The Contractor shall be responsible for interference with or damage to any existing utilities, such as water mains, sewers, gas mains, cable, conduit, etc., and shall repair or replace same at the Contractor's expense and with the least possible delay. The Contractor shall give prior notification to the utility companies of his intention to begin work. The Contractor shall call J.U.L.I.E. at 1-800-892-0123 to mark the location of underground utilities (48 hours prior to commencing the work). The Contractor shall host a joint meeting that includes the Landowner and the Engineer. The requirements to satisfy the conditions stated herein shall be included in all other pay items.

OWNER OCCUPANCY

Owners will occupy premises during entire construction period for conduction of their normal operations. The Contractor shall cooperate with Owners in scheduling operations to minimize conflict and to facilitate Owner's usage.

PREVAILING WAGE RATES

The Contractor and subcontractors shall comply with State prevailing wage rates.

This contract or agreement calls for the construction of a public works within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/0.01 et. seq. ("the Act"). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current "prevailing rate of wages" (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Illinois Department of Labor (IDOL) publishes the prevailing wage rates on its website at [https:// www2.illinois.gov/idol/laws/rules-](https://www2.illinois.gov/idol/laws/rules-)

conmed/pages/rates.aspx. IDOL revises the prevailing wage rates and the Contractor and subcontractors have an obligation to check the IDOL's web site for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer to IDOL's website. All contractors and subcontractors rendering services under this contract shall comply with all requirements of the Act, including but not limited to, all wage requirements and notice and record keeping duties.

The Contractor and each subcontractor shall permit the Contractor's employees to be interviewed on the job, during work hours, by compliance investigators of the Department or the Department of Labor.

### TEMPORARY CONTROLS

#### A. Debris Control:

The Contractor shall initiate and maintain a specific program to prevent accumulation of debris at the construction site, storage and parking areas, or along access roads and haul roads.

#### B. Pollution Control:

The Contractor shall provide methods, means and facilities required to prevent contamination of soil, water or atmosphere by the discharge of noxious substances and sediments from construction operations.

The Contractor shall prevent harmful substances from entering public or private waters. If treatment of acid water is determined necessary by the Engineer and it is not specified within these special provisions, any water treated will be paid for in accordance with Article 109.04 of the Standard Specifications. The Contractor is liable for restoration of water quality and aquatic life if adversely affected by his/her actions. The Contractor shall maintain all such systems throughout the duration of the project.

The Contractor shall provide systems for control of atmospheric pollutants to prevent toxic concentrations of chemicals; to prevent harmful dispersal of pollutants into the atmosphere; and to comply with all permit requirements that may apply.

The Contractor must notify the Engineer immediately if buried wastes, liquid waste vessels or other potentially harmful materials are encountered. Necessary precautions should be taken to safeguard the area and to protect workers and the public until further directions are provided by the Engineer.

### TRAFFIC CONTROL AND PROTECTION, SPECIAL

#### Description:

This work shall consist of the furnishing, installation, maintenance, relocation, and removal of work zone traffic control and protection in accordance with Section 701 of the Standard Specifications, as specified herein and in the plans, and as directed by the Engineer.

#### Access and Staging Area:

Access to the work areas is provided by internal park trails shown in the plans. Construction traffic shall enter and exit the work areas at the locations shown in the plans. Any damage to sidewalks or the parking areas shall be repaired at no additional cost to the Department.

Contractor vehicles, equipment and materials shall be stored at the staging area identified in the plans or at locations acceptable to the Engineer. Any damage shall be restored to a condition equal to or better than the existing condition and to the satisfaction of the Engineer at no additional cost to the Department.

The Contractor shall not park any vehicles or block traffic on the public roadway. The Contractor shall provide appropriate Illinois Department of Transportation (IDOT) signage for vehicles leaving and entering the access locations. All public roadways shall be kept clean of all debris from site work, and all posted weight limits shall be respected.

Damage to existing roadways, parking lots and detour areas as a result of Contractor activity shall be repaired at no additional cost to the Department in accordance with standards set by the applicable roadway authority and as directed by the Engineer.

Public Convenience and Safety:

In addition to the requirements of Article 107.09 of the Standard Specifications, the Contractor shall place the Type III barricades at the entrance of the access when not being used by construction traffic. Interference with traffic movements and inconvenience to owners of abutting property and public shall be kept to a minimum. Any delays or inconveniences to the Contractor by complying with these requirements shall be considered as incidental to the contract, and no additional compensation shall be allowed. During all construction operations, the Contractor shall be required to provide, erect, and maintain proper signage and barricades as necessary for safe traffic control.

The Contractor shall not be allowed to close any street to local traffic without the prior approval of the Engineer. The Contractor shall be required to provide all warning signs, barricades, traffic cones, flagmen and other appurtenances as the Engineer deems necessary to guarantee the safety of motorists and pedestrians for the duration of the project.

The Contractor shall restore the access and staging area to their original condition and grade to the satisfaction of the Engineer, and the Contractor shall remove all temporary traffic control devices at the completion of construction.

Method of Measurement:

This item of work will be measured on a lump sum basis.

Basis of Payment:

This work will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, SPECIAL.

STANDARD SPECIFICATIONS SECTION 101: DEFINITION OF TERMS - (revise and add the following articles as indicated)

Whenever in the contract documents the following terms are used, the intent of meaning shall be interpreted as follows:

Article 101.14 Department - (revise as indicated)

The Department of Natural Resources of the State of Illinois with its principal offices of business in Springfield.

Article 101.16 Engineer - (revise as indicated)

Kyle Schweizer, PE or other licensed Professional Engineer designated by The Director of the Office of Reality and Capital Planning of the Illinois Department of Natural Resources.

Article 101.35 Right of Way - (revise as indicated)

Right of way shall be replaced by construction limits, except when used in conjunction with right of way markers or highways.

Article 101.39 Roadway - (revise as indicated)

Roadway shall be replaced with Site. Slope limits of embankments will be replaced by proposed lines and grades.

STANDARD SPECIFICATIONS SECTION 107: LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC - (revise and add the following articles as indicated)

Article 107.20 Protection and Restoration of Property - (add the following)

If any damages are incurred from the Contractor's operations to any properties outside of the construction limits, the Contractor shall be responsible for all repairs required to restore the damaged areas to their original condition regardless of the property involved. Any deviations from the limits of the construction area or requirements specified herein shall only be done with written approval of the Engineer pursuant to the following:

1. Written request from the Contractor, due to the limitations of the construction area as it affects his efficiency to complete the contract.
2. If the Engineer deems it necessary to deviate from the construction limits, as provided herein, to improve the work area for construction. The Engineer will not grant permission to enter the property owned by others.

Article 107.27 Insurance - (add the following)

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

1. Illinois Department of Natural Resources and its officers and employees, and agents.

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26 of the Standard Specifications.

Article 107.15 Dirt on Pavement or Structures – (add the following)

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If the Contractor fails to clean the surface of State Park Road, Campground Lane, Lookout Point Lane, Meadowview Lane, or any other local street, highway, or parking lot area to the satisfaction of the Engineer at any time during the contract, the Engineer will notify the Contractor at which time the Contractor shall have 24 hours to begin cleaning the pavement to the satisfaction of the Engineer. If the Contractor fails to begin cleaning the pavement within 24 hours, an amount of \$1,000.00 per day will be deducted from any monies due the Contractor. The requirements to satisfy the conditions stated herein shall be included in all other pay items.

Article 107.36 Dust Control – (add the following)

The Contractor shall provide positive methods and apply dust control materials to minimize raising dust from construction operations and provide positive means to prevent air-borne dust from dispersing into the atmosphere.

STANDARD SPECIFICATIONS SECTION 108: PROSECUTION AND PROGRESS - (revise the following articles as indicated)

Article 108.07 Suspension of Work - (add the following)

The Department hereby makes express provision for any suspensions which may result from disputes with property owners. The Engineer may suspend work for up to ten working days during the contract period without additional compensation to the Contractor, when such suspension is necessary to resolve disputes or problems with property owners. Multiple suspensions, less than ten working days each, shall not exceed ten working days total, without additional compensation.

The appropriation for the State's current fiscal year, from which the cost of this contract will be paid, will lapse at the end of the fiscal year, which is June 30. Continuation of this contract into the State's next fiscal year will be contingent upon the Illinois General Assembly re-appropriating funds for this contract. If funds are not re-appropriated, this contract will be suspended or terminated on or before the appropriation lapse date.

STANDARD SPECIFICATIONS SECTION 201: CLEARING, TREE REMOVAL AND PROTECTION, CARE AND REPAIR OF EXISTING PLANT MATERIAL - (revise or add the following as indicated)

Article 201.01 Description - (add the following)

- (f) Trash and Debris Removal -- Trash and debris removal shall consist of the removal and disposal of all trash and debris that is within the work area to an approved landfill off-site. The area shall be graded, seeded, and mulched. No burning shall be allowed on the project site.

STEEL AND IRON MATERIALS

Buy America requirements apply to all steel and iron permanently incorporated into this project, unless an exception is permitted by the Department. The Contractor shall submit the mill analysis and certification as required in Article 106.01 of the Standard Specifications. The use of nondomestic steel and iron materials shall be approved by the Department prior to delivery of the material to the project. The cost and reasons for the use of nondomestic steel and iron shall be submitted with the request to use the nondomestic material. The cost of the nondomestic material is the value of the nondomestic steel and iron at the material is delivered to the site. The total cost of nondomestic iron and steel material shall not exceed 0.1% of the total contract cost or \$2,500, whichever is greater.

WEEKLY BEP TRUCKING REPORTS

The Contractor shall submit a weekly report of Business Enterprise Program (BEP) trucks hired by the Contractor or subcontractors (i.e. not owned by the Contractor or subcontractors) that are used for BEP goal credit.

The report shall be submitted to the Engineer on a form provided by the Department 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 BEP 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.

PERIMETER EROSION CONTROL BARRIER

Remove paragraph (b) of Article 280.04 and replace with the following:

- "(b) Perimeter Erosion Barrier. The system consists of a continuous barrier placed adjacent to an area of construction and as shown in the plans to intercept a sheet flow of water borne silt and sediment and prevent it from leaving the construction area. The barrier shall be Sedimax-FR or equivalent filtration roll. Perimeter Erosion Barrier shall be free of PVC plastic netting."

PERMANENT SEEDING

Permanent Seeding, Mulching, and Fertilizing shall not be measured separately for payment and the cost shall be included in the cost of other pay items. Seeding shall be Class 4A as per Section 250 and mulch shall be Method 1 per Section 251. Fertilizer application shall be as described in Article 250.04.

Remove Article 250.09 and insert the following:

"Seeding, fertilizer nutrients, and agricultural limestone will not be measured for payment."

Remove Article 250.10.

Remove Article 251.06 and insert the following:

"Mulch Methods 1,2,3,3A, and 4 will not be measured for payment."

Remove Article 251.07.

HARDWARE

Hardware will not be paid separately. The cost shall be included in the cost of TREATED TIMBER.

Remove second paragraph of Article 507.17 (b).

Add the following to Article 507.17

"(c) Hardware will not be measured for payment."

Remove the following sentence from Article 507.18:

“All items classified as hardware will be paid for at the contract unit price per pound (kilogram) for HARDWARE.”

Add the following sentence to Article 507.18:

“Costs of hardware required for the construction of Timber Structures shall be included in the cost of TREATED TIMBER.”

PIPE HANDRAIL, SPECIAL

Description: This work shall consist of furnishing, powder coating, and erecting metal pipe handrails as shown in the plans and described herein.

Materials:

- a. Pipe Handrail.....ASTM A 53 (A53) 1 1/4” Type S, Standard Pipe
- b. Bent Rods.....ASTM A 36 (A36) 3/8” Diameter
- c. Plates and Other Structural Steel.....ASTM A 36 (A36) of dimensions shown in the plans
- d. Lag Screws.....ASTM A 307 (A307) 1/2” Diameter with length as indicated in the plans
- e. Washers.....ANSI/ASME B18.22.1
- f. Powder Coating.....Per Manufacturer

CONSTRUCTION REQUIREMENTS

General. Work shall be according to the details shown on the plans, and lines and grades shall not follow any defects in the structure. All welds facing pedestrian areas shall be ground smooth in the shop. The rails shall be straight and true to line, without kinks, bends, or warps, and straightened as necessary before shipment.

Submittals. Before beginning fabrication, the Contractor shall submit shop drawings to the Engineer according to Article 505.03 of the Standard Specifications. The Contractor shall also submit a color chart for selection of the railing color (fir green family) and powder coat manufacturer material specification, and cleaning and powder coating recommended procedures to the Engineer.

Pipe Handrail. The railings shall be standard (Schedule 40) seamless pipe and shall be continuous within each run of handrail indicated in the plans. In general landings do not have handrail.

Connection of railing to plates shall be welded as shown in the plans. Welded joints shall be continuous and weld surfaces shall be ground smooth.

Cleaning and powder coating of the railing shall be done according to the manufacturer’s recommended procedures.

Vent holes shall be drilled into the bottom of the handrail to prevent the accumulation of moisture. The holes shall be 1/4” in diameter.

Ends of pipe handrail shall return to the timber side rail. The returned handrail ends shall be capped with a 1/4” plate. The cap plate shall be welded to the pipe handrail.

Method of Measurement. This work will be measured for payment in place in feet. The length measured will be the along the pipe centerline from the end to end of pipe.

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Powder Coating will not be measured for payment and shall be included in the cost of the pipe handrail.

Structural Steel, lag screws, washers, and other hardware required to mount the pipe handrail to the timber structures will not be measured for payment and shall included in the cost of the pipe handrail.

Drilling of vent holes, grinding of welds, and other fabrication work, either done in the shop or field required to mount the pipe handrail to the timber structure will not be measured for payment and shall be included in the cost of the pipe handrail.

Cap plate for pipe handrail returns and welding, painting, and installation of the cap plate onto the pipe handrail will not be measured for payment and shall be included in the cost of the pipe handrail.

Basis of Payment. This work will be paid for at the contract unit price per foot for PIPE HANDRAIL, SPECIAL.

**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."

80384

**EROSION CONTROL BLANKET (BDE)**

Effective: August 1, 2025

Revise Article 251.02 of the Standard Specifications to read:

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

Item	Article/Section
(a) Compost .....	1081.05(b)
(b) Mulch .....	1081.06(a)
(c) Chemical Mulch Binder .....	1081.06(a)(3)
(d) Chemical Compost Binder .....	1081.06(a)(4)
(e) Erosion Control Blanket .....	1081.10(a)
(f) Wildlife Friendly Erosion Control Blanket .....	1081.10(b)
(g) Wire Staples.....	1081.10(c)
(h) Wood Stakes .....	1081.10(d)
(i) Turf Reinforcement Mat .....	1081.10(e)”

Revise the first and second sentences of Article 251.04 of the Standard Specifications to read:

**“251.04 Erosion Control Blanket.** All erosion control blanket materials shall be placed on the areas specified within 24 hours of seed placement.”

Revise the second paragraph of Article 251.04 of the Standard Specifications to read:

“After the area has been properly shaped, fertilized (when applicable), and seeded, the blanket shall be laid out flat, evenly, and smoothly, without stretching the material. The erosion control blanket shall be placed according to the manufacture’s recommendations.”

Revise the second sentence of Article 251.06(b) of the Standard Specifications to read:

“Erosion control blanket, wildlife friendly erosion control blanket, and turf reinforcement mat will be measured for payment in square yards (square meters).”

Revise Article 251.07 of the Standard Specifications to read:

**“251.07 Basis of Payment.** This work will be paid for at the contract unit price per acre (hectare) for MULCH, of the method specified; and at the contract unit price per square yard (square meter) for EROSION CONTROL BLANKET, WILDLIFE FRIENDLY EROSION CONTROL BLANKET, or TURF REINFORCEMENT MAT.”

Revise first sentence of Article 280.04(h) of the Standard Specifications to read:

“This system consists of temporarily installing erosion control blanket or wildlife friendly erosion control blanket over areas that are to be reworked during a later construction phase.”

Revise Article 280.08(g) of the Standard Specifications to read:

“(g) Temporary Erosion Control Blanket. Temporary erosion control blanket will be paid for at the contract unit price per square yard (square meter) for TEMPORARY EROSION CONTROL BLANKET or TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET.

The work of removing, storing, and reinstalling the blanket over areas to be reworked more than once will not be paid for separately but shall be included in the cost of the temporary erosion control blanket or temporary wildlife friendly erosion control blanket.”

Revise Article 1081.10 of the Standard Specifications to read:

“**1081.10 Erosion Control Blankets.** The manufacturer shall furnish a certificate with each shipment stating the amount of product furnished and that the material complies with these requirements.

(a) Erosion Control Blanket. Erosion control blanket shall be covered on top and bottom, also known as double net, with a 100 percent biodegradable woven, natural fiber or jute net meeting the following.

Material	Minimum Value
Excelsior	80%
Straw	100%
Coconut or Coir	100% Coconut or Coir
Straw/Coconut or Coir	70% Straw / 30% Coconut or Coir

(b) Wildlife Friendly Erosion Control Blanket. Wildlife friendly erosion control blanket shall be according to Article 1081.10(a) except the netting shall be loose weave, also known as leno weave or gauze weave, with a moveable joint.

(c) Wire Staples. Staples shall be made from No. 11 gauge or heavier uncoated black carbon steel wire, a minimum of 1 in. (25 mm) wide at the top and a minimum overall length of 8 in. (200 mm).

(d) Wood Stakes. Hardwood blanket anchors shall be nominally 7 in. (180 mm) long from neck of hook to tip of anchor. The anchor shall have a minimum 1/2 in. (13 mm) curving hook to hold the blanket in place.

(e) Turf Reinforcement Mat (TRM). The TRM shall be comprised of non-degradable, ultraviolet stabilized synthetic fibers, filaments, netting, and/or wire mesh processed into

a three-dimensional reinforced mat. The mats may include degradable material to assist with vegetation establishment. Soil filled mats will not be allowed.

The TRM shall meet the following physical and performance properties:

Property	Value	Test Method
Tensile Strength, lb/ft (kN/m)	150 (2.19) min.	ASTM D 6818
UV Stability, (% Tensile Retained)	80 min.	ASTM D 4355 (1000 Hour Exposure)
Resiliency, (% Thickness Retained)	80 min.	ASTM D 6524
Allowable Shear Stress, lb/sq ft (Pa) <sup>1/</sup>	8 (384)	ECTC approved test method and independent laboratory

1/ Minimum shear stress the TRM (fully vegetated) can sustain without physical damage or excess erosion (> 1/2 in. (13 mm) soil loss) during a 30 minute flow event in large scale testing.

For TRMs containing degradable components, all property values shall be obtained on the non-degradable portion of the matting alone.”

80467

**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.

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**SEEDING (BDE)**

Effective: November 1, 2022

Revise Article 250.07 of the Standard Specifications to read:

**“250.07 Seeding Mixtures.** The classes of seeding mixtures and combinations of mixtures will be designated in the plans.

When an area is to be seeded with two or more seeding classes, those mixtures shall be applied separately on the designated area within a seven day period. Seeding shall occur prior to placement of mulch cover. A Class 7 mixture can be applied at any time prior to applying any seeding class or added to them and applied at the same time.

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TABLE 1 - SEEDING MIXTURES		
Class - Type	Seeds	lb/acre (kg/hectare)
1 Lawn Mixture 1/	Kentucky Bluegrass	100 (110)
	Perennial Ryegrass	60 (70)
	<i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue)	40 (50)
1A Salt Tolerant Lawn Mixture 1/	Kentucky Bluegrass	60 (70)
	Perennial Ryegrass	20 (20)
	<i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue)	20 (20)
	<i>Festuca brevipilla</i> (Hard Fescue)	20 (20)
	<i>Puccinellia distans</i> (Fulfs Saltgrass or Salty Alkaligrass)	60 (70)
1B Low Maintenance Lawn Mixture 1/	Turf-Type Fine Fescue 3/	150 (170)
	Perennial Ryegrass	20 (20)
	Red Top	10 (10)
	<i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue)	20 (20)
2 Roadside Mixture 1/	<i>Lolium arundinaceum</i> (Tall Fescue)	100 (110)
	Perennial Ryegrass	50 (55)
	<i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue)	40 (50)
	Red Top	10 (10)
2A Salt Tolerant Roadside Mixture 1/	<i>Lolium arundinaceum</i> (Tall Fescue)	60 (70)
	Perennial Ryegrass	20 (20)
	<i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue)	30 (20)
	<i>Festuca brevipilla</i> (Hard Fescue)	30 (20)
	<i>Puccinellia distans</i> (Fulfs Saltgrass or Salty Alkaligrass)	60 (70)
3 Northern Illinois Slope Mixture 1/	<i>Elymus canadensis</i> (Canada Wild Rye) 5/	5 (5)
	Perennial Ryegrass	20 (20)
	Alsike Clover 4/	5 (5)
	<i>Desmanthus illinoensis</i> (Illinois Bundleflower) 4/ 5/	2 (2)
	<i>Schizachyrium scoparium</i> (Little Bluestem) 5/	12 (12)
	<i>Bouteloua curtipendula</i> (Side-Oats Grama) 5/	10 (10)
	<i>Puccinellia distans</i> (Fulfs Saltgrass or Salty Alkaligrass)	30 (35)
	Oats, Spring	50 (55)
	Slender Wheat Grass 5/	15 (15)
	Buffalo Grass 5/ 7/	5 (5)
	3A Southern Illinois Slope Mixture 1/	Perennial Ryegrass
<i>Elymus canadensis</i> (Canada Wild Rye) 5/		20 (20)
<i>Panicum virgatum</i> (Switchgrass) 5/		10 (10)
<i>Schizachyrium scoparium</i> (Little Blue Stem) 5/		12 (12)
<i>Bouteloua curtipendula</i> (Side-Oats Grama) 5/		10 (10)
<i>Dalea candida</i> (White Prairie Clover) 4/ 5/		5 (5)
<i>Rudbeckia hirta</i> (Black-Eyed Susan) 5/		5 (5)
Oats, Spring		50 (55)

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Class – Type	Seeds	lb/acre (kg/hectare)
4 Native Grass 2/ 6/	<i>Andropogon gerardi</i> (Big Blue Stem) 5/	4 (4)
	<i>Schizachyrium scoparium</i> (Little Blue Stem) 5/	5 (5)
	<i>Bouteloua curtipendula</i> (Side-Oats Grama) 5/	5 (5)
	<i>Elymus canadensis</i> (Canada Wild Rye) 5/	1 (1)
	<i>Panicum virgatum</i> (Switch Grass) 5/	1 (1)
	<i>Sorghastrum nutans</i> (Indian Grass) 5/	2 (2)
	Annual Ryegrass	25 (25)
	Oats, Spring	25 (25)
	Perennial Ryegrass	15 (15)
	4A Low Profile Native Grass 2/ 6/	<i>Schizachyrium scoparium</i> (Little Blue Stem) 5/
<i>Bouteloua curtipendula</i> (Side-Oats Grama) 5/		5 (5)
<i>Elymus canadensis</i> (Canada Wild Rye) 5/		1 (1)
<i>Sporobolus heterolepis</i> (Prairie Dropseed) 5/		0.5 (0.5)
Annual Ryegrass		25 (25)
Oats, Spring		25 (25)
Perennial Ryegrass		15 (15)
4B Wetland Grass and Sedge Mixture 2/ 6/		Annual Ryegrass
	Oats, Spring	25 (25)
	Wetland Grasses (species below) 5/	6 (6)
<u>Species:</u>		<u>% By Weight</u>
<i>Calamagrostis canadensis</i> (Blue Joint Grass)		12
<i>Carex lacustris</i> (Lake-Bank Sedge)		6
<i>Carex slipata</i> (Awl-Fruited Sedge)		6
<i>Carex stricta</i> (Tussock Sedge)		6
<i>Carex vulpinoidea</i> (Fox Sedge)		6
<i>Eleocharis acicularis</i> (Needle Spike Rush)		3
<i>Eleocharis obtusa</i> (Blunt Spike Rush)		3
<i>Glyceria striata</i> (Fowl Manna Grass)		14
<i>Juncus effusus</i> (Common Rush)		6
<i>Juncus tenuis</i> (Slender Rush)		6
<i>Juncus torreyi</i> (Torrey's Rush)		6
<i>Leersia oryzoides</i> (Rice Cut Grass)		10
<i>Scirpus acutus</i> (Hard-Stemmed Bulrush)		3
<i>Scirpus atrovirens</i> (Dark Green Rush)		3
<i>Bolboschoenus fluviatilis</i> (River Bulrush)		3
<i>Schoenoplectus tabernaemontani</i> (Softstem Bulrush)		3
<i>Spartina pectinata</i> (Cord Grass)		4

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Class – Type	Seeds	lb/acre (kg/hectare)
5	Forb with Annuals Mixture 2/ 5/ 6/	1 (1) 10 (10)
	Annuals Mixture - Mixture not exceeding 25 % by weight of any one species, of the following:	
	<i>Coreopsis lanceolata</i> (Sand Coreopsis)	
	<i>Leucanthemum maximum</i> (Shasta Daisy)	
	<i>Gaillardia pulchella</i> (Blanket Flower)	
	<i>Ratibida columnifera</i> (Prairie Coneflower)	
	<i>Rudbeckia hirta</i> (Black-Eyed Susan)	
	Forb Mixture - Mixture not exceeding 5 % by weight PLS of any one species, of the following:	
	<i>Amorpha canescens</i> (Lead Plant) 4/	
	<i>Anemone cylindrica</i> (Thimble Weed)	
	<i>Asclepias tuberosa</i> (Butterfly Weed)	
	<i>Aster azureus</i> (Sky Blue Aster)	
	<i>Symphotrichum leave</i> (Smooth Aster)	
	<i>Aster novae-angliae</i> (New England Aster)	
	<i>Baptisia leucantha</i> (White Wild Indigo) 4/	
	<i>Coreopsis palmata</i> (Prairie Coreopsis)	
	<i>Echinacea pallida</i> (Pale Purple Coneflower)	
	<i>Eryngium yuccifolium</i> (Rattlesnake Master)	
	<i>Helianthus mollis</i> (Downy Sunflower)	
	<i>Heliopsis helianthoides</i> (Ox-Eye)	
	<i>Liatris aspera</i> (Rough Blazing Star)	
	<i>Liatris pycnostachya</i> (Prairie Blazing Star)	
	<i>Monarda fistulosa</i> (Prairie Bergamot)	
	<i>Parthenium integrifolium</i> (Wild Quinine)	
	<i>Dalea candida</i> (White Prairie Clover) 4/	
	<i>Dalea purpurea</i> (Purple Prairie Clover) 4/	
	<i>Physostegia virginiana</i> (False Dragonhead)	
	<i>Potentilla arguta</i> (Prairie Cinquefoil)	
	<i>Ratibida pinnata</i> (Yellow Coneflower)	
	<i>Rudbeckia subtomentosa</i> (Fragrant Coneflower)	
	<i>Silphium laciniatum</i> (Compass Plant)	
	<i>Silphium terebinthinaceum</i> (Prairie Dock)	
	<i>Oligoneuron rigidum</i> (Rigid Goldenrod)	
	<i>Tradescantia ohiensis</i> (Spiderwort)	
	<i>Veronicastrum virginicum</i> (Culver's Root)	

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Class – Type		Seeds	lb/acre (kg/hectare)
5A	Large Flower Native Forb Mixture 2/ 5/ 6/	Forb Mixture (see below)	5 (5)
	<u>Species:</u>		<u>% By Weight</u>
	<i>Aster novae-angliae</i> (New England Aster)		5
	<i>Echinacea pallida</i> (Pale Purple Coneflower)		10
	<i>Helianthus mollis</i> (Downy Sunflower)		10
	<i>Heliopsis helianthoides</i> (Ox-Eye)		10
	<i>Liatris pycnostachya</i> (Prairie Blazing Star)		10
	<i>Ratibida pinnata</i> (Yellow Coneflower)		5
	<i>Rudbeckia hirta</i> (Black-Eyed Susan)		10
	<i>Silphium laciniatum</i> (Compass Plant)		10
	<i>Silphium terebinthinaceum</i> (Prairie Dock)		20
	<i>Oligoneuron rigidum</i> (Rigid Goldenrod)		10
5B	Wetland Forb 2/ 5/ 6/	Forb Mixture (see below)	2 (2)
	<u>Species:</u>		<u>% By Weight</u>
	<i>Acorus calamus</i> (Sweet Flag)		3
	<i>Angelica atropurpurea</i> (Angelica)		6
	<i>Asclepias incarnata</i> (Swamp Milkweed)		2
	<i>Aster puniceus</i> (Purple Stemmed Aster)		10
	<i>Bidens cernua</i> (Beggarticks)		7
	<i>Eutrochium maculatum</i> (Spotted Joe Pye Weed)		7
	<i>Eupatorium perfoliatum</i> (Boneset)		7
	<i>Helenium autumnale</i> (Autumn Sneezeweed)		2
	<i>Iris virginica shrevei</i> (Blue Flag Iris)		2
	<i>Lobelia cardinalis</i> (Cardinal Flower)		5
	<i>Lobelia siphilitica</i> (Great Blue Lobelia)		5
	<i>Lythrum alatum</i> (Winged Loosestrife)		2
	<i>Physostegia virginiana</i> (False Dragonhead)		5
	<i>Persicaria pensylvanica</i> (Pennsylvania Smartweed)		10
	<i>Persicaria lapathifolia</i> (Curlytop Knotweed)		10
	<i>Pycnanthemum virginianum</i> (Mountain Mint)		5
	<i>Rudbeckia laciniata</i> (Cut-leaf Coneflower)		5
	<i>Oligoneuron riddellii</i> (Riddell Goldenrod)		2
	<i>Sparganium eurycarpum</i> (Giant Burreed)		5
6	Conservation Mixture 2/ 6/	<i>Schizachyrium scoparium</i> (Little Blue Stem) 5/ <i>Elymus canadensis</i> (Canada Wild Rye) 5/ Buffalo Grass 5/ 7/ Vernal Alfalfa 4/ Oats, Spring	5 (5) 2 (2) 5 (5) 15 (15) 48 (55)
6A	Salt Tolerant Conservation Mixture 2/ 6/	<i>Schizachyrium scoparium</i> (Little Blue Stem) 5/ <i>Elymus canadensis</i> (Canada Wild Rye) 5/ Buffalo Grass 5/ 7/ Vernal Alfalfa 4/ Oats, Spring <i>Puccinellia distans</i> (Fulfs Saltgrass or Salty Alkaligrass)	5 (5) 2 (2) 5 (5) 15 (15) 48 (55) 20 (20)
7	Temporary Turf Cover Mixture	Perennial Ryegrass Oats, Spring	50 (55) 64 (70)

Notes:

- 1/ Seeding shall be performed when the ambient temperature has been between 45 °F (7 °C) and 80 °F (27 °C) for a minimum of seven (7) consecutive days and is forecasted to be the same for the next five (5) days according to the National Weather Service.
- 2/ Seeding shall be performed in late fall through spring beginning when the ambient temperature has been below 45 °F (7 °C) for a minimum of seven (7) consecutive days and ending when the ambient temperature exceeds 80 °F (27 °C) according to the National Weather Service.
- 3/ Specific variety as shown in the plans or approved by the Engineer.
- 4/ Inoculation required.
- 5/ Pure Live Seed (PLS) shall be used.
- 6/ Fertilizer shall not be used.
- 7/ Seed shall be primed with  $KNO_3$  to break dormancy and dyed to indicate such.

Seeding will be inspected after a period of establishment. The period of establishment shall be six (6) months minimum, but not to exceed nine (9) months. After the period of establishment, areas not exhibiting 75 percent uniform growth shall be interseeded or reseeded, as determined by the Engineer, at no additional cost to the Department.”

80445

**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%”

80391

**WORK ZONE TRAFFIC CONTROL DEVICES (BDE)**

Effective: March 2, 2020  
Revised: January 1, 2026

Add the following to Article 701.03 of the Standard Specifications:

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

Revise Article 701.03(p) of the Standard Specifications to read:

“(p) Detectable Pedestrian Channelizing Barricades ..... 1106.02(m)”

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 the first paragraph of Section 1106.02(a) of the Standard Specifications to read:

“(a) Lights. Lights shall meet the requirements of Chapter 13 of the “Equipment and Materials Standards of the Institute of Transportation Engineers,” 1998, Institute of Transportation Engineers, and shall be visible on a clear night from a distance of 3000 ft (900 m). Lights are classified as follows.”

Revise Articles 1106.02(g), 1106.02(k), 1106.02(l), and 1106.02(m) of the Standard Specifications 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.

- (m) Detectable Pedestrian Channelizing Barricades. The top panel or handrail shall be continuous and there should be at least a 2 in. (50 mm) gap between the hand trailing edge and its support. When visible to vehicular traffic, the top rail shall have alternating white and orange retroreflective stripes sloping at 45 degrees. The bottom panel shall be continuous and have alternating white and orange retroreflective stripes sloping at 45 degrees. Barricade stripes shall be 6 in. (150 mm) in width. The predominant color for other barricade components shall be white, orange, or silver.”

80427

CERP code: 2206667  
 (Provided by CERP staff.)

**COMPREHENSIVE ENVIRONMENTAL REVIEW PROCESS**

Regional (or previous) CERP code:		Project title:	<u>Lakeside trail bridge replacements</u>
Site name:	<u>Weldon Springs</u>	Proposed start date:	<u>SFY 22</u>
Contact person:	<u>Louis Yockey</u>	Phone:	<u>557-6724</u>
		County:	<u>Dewitt</u>
Township:	<u>19N</u>	Range:	<u>2E</u>
		Section:	<u>1 and 12</u>

Project Description:

This CERP was originally submitted in March 2016 and approved as project #1608273. (see attached)

The project would utilize SFY22 RTP funds for engineering services to prepare plans and specifications to replace 3 wooden pedestrian bridges and one set of steps on the Lakeside trail at Weldon Springs state Park in Dewitt county. The RTP project would also provide funding for all construction engineering, materials, and labor to replace these four structures.

All 4 structures are easily accessible by the existing trail and adjacent parking lots. No trees or other vegetations will impacted or removed to access the 4 sites.

The project will be bid through the IDNR procurement process and contracted labor will perform the needed construction.

Is tree clearing required? Yes or No no Number, size, species: \_\_\_\_\_

Is work area in a Federal Aid Project boundary? Yes or No \_\_\_\_\_ Federal Aid type: \_\_\_\_\_

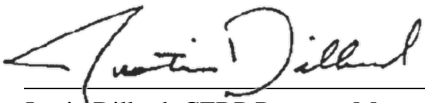
Funding source: IDNR Capital— \_\_\_\_\_ Heavy Equipment— \_\_\_\_\_ Force Account— X  
 Other State, Local, or Private agency— \_\_\_\_\_  
 Federal Agency— \_\_\_\_\_ Federal Program— \_\_\_\_\_

Approval by Site Superintendent (for all NON-CAPITAL projects, e.g., heavy equipment, force account, leases, r-o-w, etc.)

Signature, Site Superintendent: Charlie Montgomery Date: 10/25/21

**CERP Staff Only  
 REVIEWS PERFORMED**

	Approved	Approved w/ Restrictions	Comments
Threatened & Endangered Species Natural Areas/Nature Preserves		<b>X</b>	Reconsult should additional vegetation impacts become necessary.
Wetlands	<b>x</b>		
Cultural Resources	<b>x</b>		
Other (contaminants, wildlife, federal nexus, etc.)		<b>x-FHWA CE</b>	



Justin Dillard, CERP Program Manager  
217-557-6723

8/31/2022

Date

renew 3/4/2026

