

Special Provisions

Table of Contents

Article	Description	Page #
1.	Prosecution and Progress.....	2
2.	Traffic.	2
3.	Notice to Contractor, Verification of Asbestos Inspection, No Asbestos Found	3
4.	Construction Over or Adjacent to Navigable Waters.	3
5.	Railroad Insurance and Coordination	3
6.	General Requirements for Electrical Work.....	3
7.	Notice to Contractor, Electrical Equipment Lead Time.	4
8.	Removing Lighting Units, Item 204.9060.S; Removing Luminaires, Item 204.9060.S	4
9.	Removing Electrical Conductors from Existing Conduit, Item 204.9090.S; Removing or Abandoning Existing Conduit, Item 204.9090.S	5
10.	Install Conduit Into Existing Item, Item 652.0700.S.	5
11.	Lamp, Ballast, LED, Switch Disposal by Contractor, Item 659.5000.S.	6
12.	Luminaires Utility LED B, Item 659.1120.	7
13.	MNDOT Lighting Unit Type 1, Item SPV.0060.XX; MNDOT Lighting Unit Type 2, Item SPV.0060.XX.....	7
14.	Concrete Bases Type 5 - Tall, Item SPV.0060.XX.	8
15.	Junction Boxes 8X8X6-Inch, Item SPV.0060.XX.....	8
16.	Temporary Lighting, Item SPV.0060.XX.	8

1. Prosecution and Progress.

The department anticipates that the schedule for each stage is as follows:

Stage 1A

- Complete lighting replacement from STA 70+80 to 134+50.
- Complete lighting replacement on USH 2 westbound on-ramp from Susquehann Avenue.

Stage 1B

- Complete lighting replacement from STA 25+00 to STA 70+80
- Complete flood sealing on USH 2 eastbound from STA 25+00 to 28+00

Stage 2A

- Complete flood sealing of USH 2 eastbound and westbound median lanes.
- Complete centerline and inside edge line pavement marking

Stage 2B

- Complete flood sealing of USH 2 eastbound and westbound outside lanes.
- Complete bridge painting.
- Complete outside line pavement marking

Ramp Closures: Are shown in Stage 2B but can occur during any stage but shall not be closed concurrently with any other ramp closure or USH 2 eastbound closure.

The following ramps may be closed and detoured for a maximum of 7 consecutive days.

Ramp A Closure

- Complete flood sealing
- Complete pavement marking

Ramp B Closure

- Complete flood sealing
- Complete pavement marking

Ramp C Closure

- Complete lighting
- Complete flood sealing
- Complete pavement marking

2. Traffic.

A General

Keep all roads open to one lane of through traffic in each direction at all times for the duration of this project with the exception of closures described in this article.

Perform the work under this contract in a manner that will interfere as little as possible with active traffic. Do not park or store vehicles, equipment, or materials on local streets adjacent to active traffic except at the time of performance of the work. Materials or equipment may be stored within the right-of-way only at locations meeting the approval of the engineer.

B Traffic Operations During All Stages

Maintain a minimum of one 12' lane of traffic in each direction on USH 2 at all times. Single lane long term closures shall be utilized to perform the work. "Max Width" signs will be required in advance of the project when 16' available width cannot be maintained.

No ramp closures shall be allowed on the project during holidays and special events.

Stage 1A Traffic

- USH 2 westbound will be maintained on one lane of traffic in each direction at all times utilizing a long term median lane closure from the Beginning of Project to End of Project as shown in the project's plans.

- USH 2 eastbound will be maintained on one lane of traffic in each direction at all times utilizing a long term median lane closure from station 55+00 to end of project as shown in the project's plans.
- Close outside shoulder of USH 2 westbound on ramp from Susquehann Avenue as shown in the project's plans.

Stage 1B Traffic

- USH 2 westbound and eastbound will be maintained on one lane of traffic in each direction at all times utilizing a long term median lane closure from Beginning of Project to End of Project as shown in the projects plans.
- USH 2 eastbound will be closed and detoured from Beginning of project to station 28+00.

Stage 2A Traffic

- USH 2 westbound and eastbound will be maintained on one lane of traffic in each direction at all times utilizing a long term median lane closure from the Beginning of Project to End of Project as shown in the project's plans.

Stage 2B Traffic

- USH 2 westbound and eastbound will be maintained on one lane of traffic in each direction at all times utilizing a long term outside lane closure from Beginning of Project to End of Project as shown in the project's plans.
- Close and detour Ramp A
- Close and detour Ramp B
- Close and detour Ramp C

3. Notice to Contractor, Verification of Asbestos Inspection, No Asbestos Found

Madison I. Seymour and Paul M. Garvey, License Number ALL-294284 and ALL-117079, inspected Structure B-16-38 for asbestos on August 5, 2024. No regulated Asbestos Containing Material (RACM) was found on this structure. A copy of the inspection report is available from Phil Keppers, (715) 395-3027, Philip.Keppers@dot.wi.gov.

stp-107-127 (20220628)

4. Construction Over or Adjacent to Navigable Waters.

The Enter waterway name is classified as a **Select from drop-down.** navigable waterway under standard spec 107.19.

stp-107-060 (20171130)

5. Railroad Insurance and Coordination

To be provided by WisDOT prior to PS&E.

6. General Requirements for Electrical Work.

General

Notify the department's Northwest Region Electrical Unit at (920) 366-7521 at least three (3) weeks prior to beginning the electrical work.

Add the following to standard specification sections 651, 652, 653, 654, 655, 656, 657 and 659.

All the work necessary to comply with revisions to standards specifications mentioned herewith shall be incidental to associated pay items or to the project including coordination, materials, and labor. No additional payment shall be made to the Contractor.

Add the following to standard specification subsection 651.3.1:

Any circuit that the Contractor does not personally tag out at the disconnect shall be considered live and will be subject to being activated by another person with no notice to the Contractor. Make tagouts with manufactured tags and endorse them with the date and the name of the Contractor. Clear tagouts at the end of the workday. The Department does not employ a load dispatcher and has no intent to do so. Each electrical worker is responsible for their own protection from automatic switching and from switching by others.

Add the following to standard specification subsection 655.3.7(4):

Where two or more wire networks pass through a pull point, tag each circuit network (i.e. A/B/N and C/D/N) with approved all-weather tags.

Manufacturer's Warranty for LED luminaires: The manufacturer shall warrant to the Department that each complete luminaire (consisting of the housing, optical assembly, LED drivers, surge protection and wiring) will be free from defects in material and workmanship for ten (10) years from the date that the luminaire are put into service. Luminaires shall be installed within one year of manufacture.

If any luminaires fail to meet the above warranty, the Department shall provide the manufacturer with a written notice of any defect within thirty (30) days after discovery of the defect. The manufacturer shall provide all materials, luminaires, replacement component parts, labor, and all incidentals necessary to restore the luminaire to a fully operational, installed condition.

7. Notice to Contractor, Electrical Equipment Lead Time.

Order equipment for lighting as soon as possible to assure the equipment is procured in a timely fashion and, therefore, installed, inspected and ready for turn-on at the required date. Coordinate with the engineer on the latest material lead time within 14 days of the notice to proceed.

8. Removing Lighting Units, Item 204.9060.S; Removing Luminaires, Item 204.9060.S

A Description

This special provision describes removing and salvaging or disposing of lighting units and luminaires from existing foundations. This work shall be in accordance with the plans, standard detail drawings, and as hereinafter provided.

B Materials

Salvage all street lighting materials from the project to the respective departments with the exception of internal pole wiring and luminaires. Salvaged materials include poles, transformer bases, arms and associated hardware.

C Construction

Disconnect and salvage the complete lighting unit from the locations shown in the plans and/or as designated by the Engineer.

Carefully stockpile the complete lighting unit at a location approved by the engineer. Place all equipment on blocks so as not to be in direct contact with the ground. Salvaged items shall be stored and protected from damage until ready for pick up by the respective departments. Any damage to the salvaged materials resulting from the removal and salvaging operations shall be repaired or replaced in-kind at the Contractor's expense. Contact the MNDOT electrical department, John Doe (920-674-7711), or the WisDOT NW Region electrical department, John Doe (920-674-7711) a minimum of 2 business days prior to pick up.

This item includes coordination and incidentals necessary to remove street signs and any accessories affixed to the lighting units, and make ready for reinstallation.

D Measurement

The department will measure Removing Lighting Units and Removing Luminaires by each unit acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S	Removing Lighting Units	Each
204.9060.S	Removing Luminaires	Each

Payment is full compensation for removing and salvaging existing lighting unit components, and for furnishing all labor, tools, equipment and incidentals necessary to complete the work.

stp-204-025 (20230113)

9. Removing Electrical Conductors from Existing Conduit, Item 204.9090.S; Removing or Abandoning Existing Conduit, Item 204.9090.S

A Description

This special provision describes removing or abandoning existing conduit and removing electrical conductors from existing conduit conforming to standard spec 204.

B (Vacant)

C Construction

Wires shall be removed from the existing underground conduits as shown on the plans and as directed by the engineer. The engineer shall verify the extent of the wiring removal prior to disconnecting luminaires or communication equipment. Any necessary splices or disconnections shall be done as part of this pay item. Removed wires shall become property of the contractor and shall be disposed of off the project site.

Conduit shall be removed as shown on the plans and as directed by the engineer. The engineer shall verify the extent of conduit removal prior to disconnecting luminaires. Any necessary stubs shall be capped and shall be incidental to this pay item. Removed conduit shall become property of the contractor and shall be disposed of off the project site.

D Measurement

The department will measure Removing Electrical Wires from Existing Conduit by linear feet of conduit from where wires shall be removed and disposed of, regardless of conductor quantity within conduit, acceptably completed. The vertical length and wire slack shall be incidental to this pay item.

The department will measure Removing or Abandoning Existing Conduit by linear feet of conduit, acceptably completed.

E Payment

ITEM NUMBER	DESCRIPTION	UNIT
204.9090.S	Removing Electrical Conductors from Existing Conduit	LF
204.9090.S	Removing or Abandoning Existing Conduit	LF

stp-204-025 (20230113)

10. Install Conduit Into Existing Item, Item 652.0700.S.

A Description

This special provision describes installing proposed conduits into an existing pull box.

B Materials

Use conduits, as provided and paid for under other items in this contract. Furnish backfill material, topsoil, fertilizer, seed, and mulch conforming to the standard spec.

C Construction

Expose the outside of the existing structure without disturbing existing conduits or cabling. Drill the appropriate sized hole, or holes, for entering conduits at a location within the structure without disturbing the existing cabling and without hindering the installation of new cabling within the installed conduit. Fill void area between the respective drilled hole and conduit with an engineer-approved filling material to protect against conduit movement and entry of fill material into the structure. Tamp backfill into place.

D Measurement

The department measure Install Conduit Into Existing System by the unit, acceptable installed. Up to five conduits entering a structure per entry point into the existing structure will be considered a single unit. Conduits in excess of five, or conduits entering at significantly different entry points into the existing pull box will constitute multiple units of payment.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
652.0700.S	Install Conduit Into Existing Item	Each

Payment is full compensation for excavating, drilling holes; furnishing and installing all materials. Including bricks, coarse aggregate, sand, bedding, and backfill; for excavating and backfilling; and for furnishing and placing topsoil, fertilizer, seed, and mulch in disturbed areas; for properly disposing of surplus materials; and for making inspections.

stp-652-070 (20230629)

11. Lamp, Ballast, LED, Switch Disposal by Contractor, Item 659.5000.S.

A Description

This special provision describes the detachment and packaging of lamps, ballasts, LEDs, and mercury containing switches (e.g., overhead roadway lighting, underdeck bridge, wall packs, pedestrian signals, traffic control stop lights and warning flashers, fluorescent bulbs, and thermostats) removed under this contract for disposal as hazardous materials.

For Lamp, Ballast, LED, Switch Disposal by Contractor, coordinate removal from the work site by the department's hazardous waste disposal vendor. Disposal will be billed to the department by the hazardous waste disposal vendor.

B Materials

B.1 Disposal by Contractor

Items removed under this contract will be considered the property of the department for waste generator identification. The contractor is responsible for coordinating with the department's hazardous waste vendor for disposal:

<https://wisconsin.gov/Documents/doing-business/eng-consultants/cns/it-rsrcs/environment/hazwaste-contacts.pdf>

C Construction

C.1 Removal

Arrange for the de-energizing of luminaires after receiving approval from the engineer that the existing luminaires can be removed. Do not remove luminaires that cannot be replaced with proposed LED units and operational within the same workday. The new LED units need to be operational prior to sunset of the same workday.

Detach and remove luminaires and lamps from the existing traffic signal poles or respective structure. Avoid breaking fixtures whenever possible.

Lamps, ballasts, LED, and switches will become property of the department, and will be disposed of in an environmentally sound manner.

C.2 Packaging of Hazardous Materials

Provide a secure, level location removed from the travelled way for storage of the material for disposal.

Pack intact fixtures in the packaging of the new lamps used to replace them, or packaging affording the equivalent protection. Place in full, closed stackable cartons.

Pile cartons no more than four high if palletized and secure cartons with shrink wrap to prevent shifting or falling of the loads. Clearly mark each pallet with the words "Universal Waste Lamps" or "Universal Waste Ballasts", the date, and the number of fixtures on each pallet.

Pack broken fixtures into (min.) 6 mil thick plastic bags and place inside sturdy cardboard boxes or the equivalent. Mark the outer packaging with the term "Broken Fixtures/Lamps", the date and the number of broken fixtures clearly marked on the box.

The hazardous waste vendor will not accept fixtures improperly packaged. The vendor will reject any fixtures not removed as part of a contract pay item or otherwise required under this contract.

Pack ballasts and mercury containing switches in appropriate containers.

C.3 Disposal by Contractor

Complete the lamp and ballast inventory (<https://wisconsindot.gov/Documents/doing-bus/eng-consultants/cnslt-rsrcs/environment/dotlampballastinventory.dotx>) and contact the hazardous waste vendor to coordinate pickup and disposal at a location specified by the contractor. Consolidate all pallets and boxes from one project at a single location. Contact the hazardous waste vendor to set up an appointment for pickup. The hazardous waste vendor requires a minimum of one week advance notice to schedule pickup.

D Measurement

The department will measure Lamp, Ballast, LED, Switch Disposal by Contractor as each individual unit removed and received by the hazardous waste vendor, properly packaged and acceptably completed, matching the total number of units provided on the inventory form. The department will not measure broken fixtures that exceed a total of 10 percent of all fixtures to be disposed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH

Payment for Lamp, Ballast, LED, Switch Disposal by Contractor is full compensation for detachment, handling, packaging, labeling and scheduling disposal with the hazardous waste vendor; and scrapping and disposal of all other materials.

stp-659-500 (20220628)

12. Luminaires Utility LED B, Item 659.1120.

Add the following to standard spec 659.2 Materials:

(2) Furnish luminaires with a color temperature of 2700K.

13. MNDOT Lighting Unit Type 1, Item SPV.0060.XX; MNDOT Lighting Unit Type 2, Item SPV.0060.XX.

A Description

SPV is pending design discussion with MN DOT PM

B Materials

Type 1: 6-bolt anchor plate pattern

Type 2: 4-bolt anchor plate pattern for compatibility with existing foundation

Furnish luminaires with a color temperature of 2700K.

C Construction

In accordance MN standards

D Measurement

The department will measure MNDOT Lighting Unit Types 1 and 2 by each unit acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.XX	MNDOT Lighting Unit Type 1	Each
SPV.0060.XX	MNDOT Lighting Unit Type 2	Each

Payment is full compensation for transporting all materials; installing a complete unit; for furnishing all labor, tools, equipment, and incidentals necessary to complete the contract work.

14. Concrete Bases Type 5 - Tall, Item SPV.0060.XX.

A Description

This special provision describes constructing Concrete Bases Type 5 - Tall. This work shall be in accordance with the requirements of section 654 of the Standard Specifications, the plans, standard detail drawings, and as hereinafter provided.

B Materials

In accordance with the plans and section 654.2 of the standard specifications.

C Construction

In accordance with the plans and section 654.3 of the standard specifications.

D Measurement

The item will be measured in place by the unit and the quantity measured for payment will be the number of bases of each one installed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.XX	Concrete Bases Type 5 - Tall	Each

Payment for the Bases bid item is full compensation for providing concrete bases; for embedded conduit and electrical components; for anchor rods, nuts and washers; for bar steel reinforcement; for excavating, backfilling, restoring asphaltic surfaces, and disposing of surplus materials.

15. Junction Boxes 8X8X6-Inch, Item SPV.0060.XX.

A Description

Special Provision is pending

B Materials

In accordance with the plans and section 653.2 of the standard specifications.

C Construction

In accordance with the plans and section 653.3 of the standard specifications.

D Measurement

The department will measure Junction Boxes 8X8X6-Inch by each unit acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.XX	Junction Boxes 8X8X6-Inch	Each

Payment for the Bases bid item is full compensation for providing concrete bases; for embedded conduit and electrical components; for anchor rods, nuts and washers; for bar steel reinforcement; for excavating, backfilling, restoring asphaltic surfaces, and disposing of surplus materials.

16. Temporary Lighting, Item SPV.0060.XX.

A Description

Special Provision is pending

B Materials

XXX

C Construction

XXX

D Measurement

The department will measure Temporary Lighting by each unit acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.XX	Temporary Lighting	Each

XXX