

▲ DO NOT DELETE THE ABOVE REVISION DATE.

Insert Project SP Number

**S-1 (1803) PROGRESS SCHEDULES (BAR CHART/CPM SCHEDULE)**

REVISED 01/27/23 ◀DO NOT REMOVE THIS DATE. IT NEEDS TO STAY IN FOR THE CONTRACTORS.

Use on all Projects.

SP2020-51

S-1.1 Delete and replace MnDOT 1803 with the attached (1803) Project Schedules.

S-1.2 Modify the attached (1803) Project Schedules with the following:

B This Contract requires the use of a Critical Path Method (CPM) Schedule as the Project Schedule for the Project. The Contractor shall meet the requirements of 1803.2, "Critical Path Method (CPM)".

D Delete and replace 1803.2.C.10.a, "Project-Specific Weather Contingency," with the following:

The Contractor shall use calendars in P6 to account for Weather Contingency using the number of nonwork days indicated in the table below, at a minimum. The Contractor shall use the last available planned Working days in each update period for the number of nonwork days required to represent the planned Weather Contingency during that update period. The purpose of this prescriptive method for which days to use for Weather Contingency is to avoid confusion between nonwork days representing Weather Contingency and nonwork days unrelated to Weather Contingency (e.g., Holidays, weekends). In addition, stacking nonwork days representing Weather Contingency at the end of each update period will assist the Contractor and the Engineer in better understanding the progress expectations for Work planned during each update period and make the influence of nonwork days representing Weather Contingency on planned Activity start dates and finish dates more apparent in the schedule.

Any Activities representing Work that may be affected by weather shall be assigned to the appropriate calendar. The Contractor may elect to include more than the minimum specified Weather Contingency; any additional Weather Contingency included by the Contractor above the specified minimum is considered contractual after acceptance by the Engineer and may only be adjusted or reduced by the Contractor after first obtaining the Engineer's written approval. The Engineer reserves the right to accept or reject the estimated amount of Weather Contingency that deviates from the specified minimum. The Contractor shall describe in detail how the schedule meets the Weather Contingency requirements in the accompanying Narrative Report.

Additional weather contingency requirements have been included to better reflect the potential impact from flood events. See below tables for minimum weather contingency requirements by calendar year:

Table 1803.2-1  
Weather Contingency By Time Period in Calendar Year 2024

Time Period	Anticipated Work Days Lost Due To Weather
January	all
February	all
March	all
April 1-15	all
April 16-30	6
May	10
June	10
July	3
August	3
September	3

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Time Period	Anticipated Work Days Lost Due To Weather
October	4
November 1-14	4
November 15-30	<i>all</i>
December	<i>all</i>

Table 1803.2-1

**Weather Contingency By Time Period in Calendar Year 2025**

Time Period	Anticipated Work Days Lost Due To Weather
January	<i>all</i>
February	<i>all</i>
March	<i>all</i>
April 1-15	<i>all</i>
April 16-30	5
May	8
June	8
July	3
August	3
September	3
October	4
November 1-14	4
November 15-30	<i>all</i>
December	<i>all</i>

Table 1803.2-1

**Weather Contingency By Time Period in Calendar Year 2026**

Time Period	Anticipated Work Days Lost Due To Weather
January	<i>all</i>
February	<i>all</i>
March	<i>all</i>
April 1-15	<i>all</i>
April 16-30	4
May	4
June	3
July	3
August	3
September	3
October	4
November 1-14	4
November 15-30	<i>all</i>
December	<i>all</i>

E Delete and replace 1803.2.C.13, "Schedule Criticality;" with the following:

The schedule shall include no more than twenty (20) percent of Activities on the Longest Path and no more than an additional ten (10) percent of Activities with a Total Float value within 10 Working days of the Total Float

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on the Longest Path. The Contractor shall obtain the Engineer's acceptance prior to submitting a schedule that exceeds these criticality limits.

Schedule criticality calculations shall be based on remaining task-dependent Activities only. The Contractor shall calculate the percent of task-dependent Longest Path Activities using both of the following methodologies:

(1) Activity Count: Number of remaining task-dependent Longest Path Activities divided by the total number of remaining task-dependent Activities

(2) Duration: Sum of remaining Working day durations for task-dependent Longest Path Activities divided by sum of remaining Working day durations for task-dependent Activities

The Contractor shall perform the same calculations for Activities with a Total Float value within 10 Working days of the Total Float on the Longest Path. The results of the calculations shall be included in the Contractor's accompanying Narrative Report for the Baseline Schedule submission and as requested by the Engineer.

G Delete and replace 1803.2.C.14, "Activity Codes," with the following:

The Contractor is not required to use Activity Codes in the schedule for this Project. If the Contractor elects to use Activity Codes, the Contractor shall provide the following to the Engineer for review and acceptance:

- (1) A key explaining the meaning of each Activity Code and associated code values, and
- (2) The reason for including the Activity Code.

The Contractor shall assign Activity Code values consistently and accurately to all Activities. If a specific Activity Code is not applicable to an Activity, the Contractor shall use 'Not Applicable,' or a similar appropriate label, as the code value and code description.

I Delete and replace 1803.2.C.15, "User Defined Fields," with the following:

The Contractor is not required to use User Defined Fields (UDFs) in the schedule for this Project. If the Contractor elects to use UDFs, the Contractor shall provide the following to the Engineer for review and acceptance:

- (1) A key explaining the meaning of each UDF and associated values, and
- (2) The reason for including the UDF.

The Contractor shall assign UDF values consistently and accurately to all Activities.

K Delete and replace the first paragraph of 1803.2.D.2, "Baseline Schedule," with the following:

Baseline Schedule acceptance is a condition of Notice to Proceed 2 (NTP2). The first baseline submission for review (BSLN-Rev0) shall not exceed 30 Calendar Days from NTP1. The Contractor shall reference Table 1803-3 for Baseline Schedule submission and review timeline requirements. It is the responsibility of the Contractor to ensure schedule submissions intended for Baseline Schedule review and acceptance meet all requirements included in 1803.2, "Project Schedules, Critical Path Method (CPM)". Any delay to acceptance of the Baseline Schedule and NTP2 not caused by the Department (e.g., Contractor late submissions, incomplete submissions, and repeat resubmissions due to failure to properly address comments by the Engineer) will be considered a non-excusable delay in accordance with 1806.2.C, "Non-Excusable Delays".

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**S-2 (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME**

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- S-2.1 Delete and replace note (3) in MnDOT 1806.3B with the following:
  - (3) Blank
- S-2.2 Add the following to MnDOT 1806:
  - 1806.5 Contract Time
    - A The Department based Contract Time (Completion Date) on an anticipated 6-day Work week, Monday through Saturday.
    - B The Contractor must start clearing operations on March 8, 2024, or no later than eight Calendar days after the date of Notice Contract Approval, whichever is later. The Contractor shall complete clearing operations required for this Project prior to March 31, 2024. The Contractor must not begin clearing operations before Contract approval.
    - C As shown in the project plans, two buildings have been noted as having all building elements (walls, roofs, etc.) such that they are not standing and demolished so that the building sites are not providing habitat for bats. These building elements should be on the ground prior to March 31, 2024.
    - D The Contractor must start construction operations involving migratory bird protection in accordance with S-X PROTECTION OF FISH AND WILDLIFE RESOURCES on insert date or no later than eight Calendar days after the date of Notice Contract Approval, whichever is later. \*WAITING ON FISH SPAWNING AND SWALLOW LIMITS
    - E The Contractor must start remaining construction operations on April 15, 2024.
    - F Unless authorized in writing by the Engineer, the Contractor must not begin construction operations that impact, restrict, or interfere with traffic, before receiving NTP2. The Engineer will determine whether operations impact, restrict, or interfere with traffic at the Engineer's sole discretion.
    - G The Contractor must not perform Work that will restrict or interfere with traffic between 12:00 noon on the day before and 9:00 A.M. on the day after any consecutive combination of a Saturday, Sunday, and Holiday. The Contractor may request exceptions to this requirement. Exceptions must be approved in writing by the Engineer.
    - H The Contractor must complete all Work required to have traffic on the planned permanent configuration, including all paving, permanent safety devices, lighting, signing, striping, and the installation of permanent turf establishment under this Contract before June 26, 2026.
    - I The Contractor must complete all Work required to have traffic on the planned permanent configuration from STA 12+19.51 to STA 172+00, excluding the embankment taper section near STA 172+00 required to transition local traffic into the embankment area north of STA 172+00, including all paving, permanent safety devices, lighting, signing, striping, bridges, and the installation of permanent turf establishment under this Contract before October 31, 2025.

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- J The Contractor shall keep the existing levee in a condition that allows it to be activated within 4 hours of notification by the Department until the proposed levee has been constructed and certified.
- K Permanent pipe culvert and storm drain construction (excluding box culvert bridges) is not allowed until the required settlement period at the permanent pipe location has completed.
- L The Contractor is only allowed to close Ridge Road for a total of 100 Calendar Days. The Contractor can choose to utilize the Working Days consecutively or in multiple closures.
- M The Contractor is not allowed to have any bridges closed at the same time that TH93 is closed near the levee and box culvert 72X06 near Henderson in order to ensure local access is maintained at all times.
- N The Contractor is required to provide for two-way local winter access, from November 15 to April 15, on existing roadway surfacing, proposed roadway surfacing, or a minimum aggregate base section of 9" thick and 12 ft wide in both directions of travel for winter suspension. All surfaces must be capable of supporting snow removal activities over winter suspension.
- O The Contractor must complete all Work to meet the requirements of 1516.2, "Project Acceptance," under this Contract before October 31, 2026.
- P The Contractor must complete all Work to meet the requirements of 1516.3, "Completion of the Work," under this Contract within 90 Calendar Days of receipt of the Semi-Final Estimate in accordance with 1908.2, "Semi-Final Estimate Following Project Acceptance."

**S-3 (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME (BRIDGES OVER WATER)**

**NEW WRITE-UP 06/30/22 ◀ DO NOT REMOVE THIS DATE. IT NEEDS TO STAY IN FOR THE CONTRACTORS.**

*Use on Bridges over waterways when Contractor's Bridge Work may adversely be affected by water elevations. By setting water elevations, the District will be assuming the risk of delays caused by water elevations.*

- *District to obtain technical information from the Bridge Office State Waterway Engineer.*

SP2020-54.1

S-3.1 Add the following MnDOT 1806:

1806.1A-Flood and Low Water Impact

The Contractor is hereby notified that the Minnesota and Rush Rivers are susceptible to flooding.

Flood forecast information is maintained by the National Weather Service at **insert web link**.

Water elevations are based on the hydraulic modeling completed for the project.

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S-3.2 Add the following to MnDOT 1806.2:

Department surveyors will measure water elevations from approximate Station 172 to Station 199 as directed by the Engineer or when requested by the Contractor.

Delays caused by increase of headwater elevations due to Contractors means and methods during construction that deviates from the permitted process are considered Non-Excusable Delays.

S-3.3 Add the following to the second paragraph of MnDOT 1806.2A:

(10) Delays due to the Minnesota River reaching or exceeding the 10-yr river stage (as shown in the cross sections) between Stations 172-199 and until the water has receded below the 10-yr river stage. Once water has receded below this elevation an additional 5 Calendar Days will be granted. Flood events that occur within 5 Calendar Days apart would be considered as one flood event.

#### S-4 **(1807) FAILURE TO COMPLETE THE WORK ON TIME**

RESTORED 06/30/23 ◀ DO NOT REMOVE THIS DATE. IT NEEDS TO STAY IN FOR THE CONTRACTORS.

*Use on all Projects; correction to Standard Specifications for Construction, 2020 Edition.*

SP2020-56.1

S-4.1 Delete and replace the first paragraph of MnDOT 1807.1 with the following:

The Department will deduct liquidated damages from money due the Contractor for each Calendar Day that the Work remains incomplete after expiration of the Contract Time, according to the completion requirements of 1516.2, "Project Acceptance". The Engineer will deduct liquidated damages based on the original Contract Amount and Table 1807.1-1.

#### S-5 **BLANK**

DELETED 06/30/23

SP2020-56.2

#### S-6 **(1807) FAILURE TO COMPLETE THE WORK ON TIME (MONETARY DEDUCTIONS)**

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*Use on all Projects.*

SP2020-57

S-6.1 Add the following to MnDOT 1807:

A The Department will assess the Contractor a Monetary Deduction in an amount equal to \$3500 for each Calendar Day that any of the Work specified in S-2.2.B (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME remains incomplete after the expiration of the working period provided therefore.

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- B The Department will assess the Contractor a Monetary Deduction in an amount equal to \$3500 for each Calendar Day that any of the Work specified in S-2.2.G (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME remains incomplete after the expiration of the working period provided therefore.
- C The Department will assess the Contractor a Monetary Deduction in an amount equal to \$3500 for each Calendar Day that any of the Work specified in S-2.2.H (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME remains incomplete after the expiration of the working period provided therefore.
- D The Department will assess the Contractor a Monetary Deduction in an amount equal to \$10,000 for each Hour that the Contractor is not in compliance with the restrictions specified in S-2.2.I (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME of these Special Provisions.
- E The Department will assess the Contractor a Monetary Deduction in an amount equal to \$1000 for each Calendar Day that the Contractor is not in compliance with the restrictions specified in S-2.2.J (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME of these Special Provisions.
- F The Department will assess the Contractor a Monetary Deduction in an amount equal to \$1000 for each Calendar Day that the Contractor is not in compliance with the restrictions specified in S-2.2.K (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME of these Special Provisions
- G In addition to the Monetary Adjustments specified in the ACCESS MANAGER Special Provision, the Department will assess the Contractor a Monetary Deduction in an amount equal to \$3500 for each Calendar Day that the Contractor is not in compliance with the restrictions specified in S-2.2.L (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME of these Special Provisions
- H The Department will assess the Contractor a Monetary Deduction in an amount equal to \$3500 for each Calendar Day that the Contractor is not in compliance with the restrictions specified in S-2.2.M (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME of these Special Provisions.
- I The Department will assess the Contractor a Monetary Deduction in an amount equal to \$200 for each Calendar Day that any Work specified under 1516.3, "Completion of the Work," are not met after the expiration of the 90 day period of the Semi-Final Estimate requirements.
- J For informational purposes only, Bidders are advised that in addition to the requirements of 1807, other Sections of these Special Provisions contain requirements for assessment of Monetary Deductions to this Contract:

Table SP1807-1  
 Special Provision Sections with Monetary Deduction Requirements

DIVISION	SECTION TITLE
S	(2016) QUALITY MANAGEMENT – INTELLIGENT CONSTRUCTION TECHNOLOGY METHODS
S	(2016) QUALITY MANAGEMENT – E-TICKETING
S	(2331) BITUMINOUS PAVEMENT CRACKS TREATMENT
S	(2360) PLANT MIXED ASPHALT PAVEMENT - THICKNESS PAYMENT SCHEDULE

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DIVISION	SECTION TITLE
S	(2533) CONCRETE MEDIAN BARRIERS (DESIGN 8337)
S	(2563) TRAFFIC CONTROL
S	(2582) WET RETROREFLECTOMETER MEASUREMENTS
<b>S</b>	<b>ACCESS MANAGEMENT</b>
SB	(1502) PLANS AND WORKING DRAWINGS
SB	(1807) FAILURE TO COMPLETE THE WORK ON TIME
SB	(2401) CONCRETE BRIDGE CONSTRUCTION
SB	(2404) CONCRETE WEARING COURSE FOR BRIDGES

- K The liquidated damages set forth in MnDOT 1807 and any Monetary Deductions as set forth above may apply equally, separately, and may be assessed concurrently.