

**REDWOOD COUNTY HIGHWAY DEPARTMENT
1820 E. BRIDGE ST. / P.O. BOX 6 / REDWOOD FALLS, MN 56283**

*******PROPOSAL*******

**FOR HIGHWAY CONSTRUCTION
AND MAINTENANCE PROJECTS WITH
BIDS RECEIVED UNTIL 10:00 A.M. ON MAY 30, 2025**

PROPOSAL OF

(NAME OF FIRM)

(ADDRESS)

(AREA CODE) TELEPHONE

(EMAIL)

TO FURNISH AND DELIVER ALL MATERIALS AND TO PERFORM ALL WORK IN ACCORDANCE WITH THE CONTRACT, THE PLANS AND THE APPROVED DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2020 EDITION", ON FILE IN THE OFFICE OF THE COMMISSIONER OF TRANSPORTATION EXCEPT AS STATED OTHERWISE IN THE SPECIAL PROVISIONS, WHICH ARE PART OF THIS PROPOSAL, FOR:

PROJECT NO.: **BRIDGE DECK MILL AND OVERLAYS**

LOCATION: Various locations

TYPE OF WORK: Bituminous Mill & Overlay

LENGTH: Varies

STARTING DATE: See Division S

COMPLETION DATE: See Division S

NOTICE TO BIDDERS: Submit bid and bid documents electronically through bidVAULT.
Acknowledge addenda on Form 21126D.

I certify that this Proposal was prepared by me or under my direct supervision, and that I am a licensed professional engineer under the laws of the State of Minnesota.

CONTRACT NO. 25-3



Anthony Sellner, P.E.

License Number 54241 Date: April 17, 2025

BID RIGGING IS A SERIOUS CRIME. IF YOU HAVE ANY INFORMATION CONCERNING COLLUSIVE BIDDING, EVEN A REQUEST TO SUBMIT A COMPLIMENTARY BID, PLEASE CALL THE MINNESOTA ATTORNEY GENERAL'S OFFICE AT TELEPHONE NO. (651) 296-1796.

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Form 21126D without DBE Goal

- INFORMATION FOR BIDDERS –

1. The Bid Documents that must be submitted electronically through bidVAULT as part of the bid are:

- Title Sheet of Proposal
- Non-Collusion Affidavit
- Responsible Contractor Verification and Certification of Compliance
- Proposal Bid Bond
- Schedule of Bid Prices (Electronically populated via bidVAULT)
- Form 21126D without DBE Goal

The required Bid Bond is also available for electronic submittal through bidVAULT by using Surety2000 or InSure Vision SurePath. If you do not use Surety 2000 or InSure Vision SurePath, your paper bid bond must be received in (or a copy emailed to) the Redwood County Highway Department office prior to the bid opening time and date. If emailed, it must be emailed to bidding@co.redwood.mn.us.

2. A Bid is considered complete when the items listed above are properly completed and submitted. By completing Form 21126D the bidder acknowledges that all requirements included in the hard copy proposal, addenda, amendments, plans, standard specifications, and supplemental specifications are part of this Bid and Contract.
3. Each Bidder by making a Bid represents that they have read and understand the Proposal and the Bid is made in accordance therewith and is in substantial compliance with the Proposal.
4. Bidders shall promptly notify the Redwood County Highway Department of any ambiguity, inconsistency or error which they may discover upon examination of the Proposal requiring clarification or interpretation.
5. All Bids shall be submitted electronically through bidVAULT and shall be identified with the appropriate Bid name indicated on the Title Sheet with the Bidder's name and address.
6. All Bids must be accompanied by a certified check or Bidder's bond in the amount of five percent (5%) of the amount of the Bid, made payable to Redwood County, pledging that the Bidder will faithfully execute the terms of the Bid.
7. No Bid may be withdrawn within thirty (30) days after the scheduled closing time for receipt of Bids without consent of the Owner.
8. The Owner reserves the right to reject any or all Bids and to waive any informality or irregularity in any Bid received.
9. It is the intent of the Owner to accept the lowest responsible Bid provided it has been submitted in accordance with the Proposal and Bidding Documents, is judged to be reasonable and does not exceed the funds available.

Electronic Bid Information – also refer to the guide in bidVAULT

Official Time and Date- The official time and date is the time and date displayed in bidVAULT. Your electronic bid is not officially signed until you have approved it by clicking on the "Approve" button and receive the "Success: You have approved your bid" message.

Other Required Bid Documents for Electronic Bidding -"Bid Documentation" are those documents other than the electronically submitted bid form, such as the Title Sheet of Proposal, Non-Collusion Affidavit, Responsible Contractor Verification and Certification of Compliance, Proposal Bid Bond and Form 21126D. The project Bid Documentation must be completed with electronic signature and submitted through bidVAULT. The Bid Documents should be completed early in the process.

A Bidder may submit a Bid Bond electronically if you use Surety2000 or InSure Vision SurePath. If you do not use Surety 2000 or InSure Vision SurePath, your paper Bid Bond must be received in (or a copy emailed to) the Redwood County Highway Department office prior to the bid opening time and date. If emailed, it must be emailed to bidding@co.redwood.mn.us. If you do not use Surety 2000 or InSure Vision SurePath, your original bid security (bid bond or certified check) with original signatures must be submitted to the Redwood County Highway Department office within five (5) days after bid opening.

Electronic Bid Withdrawal - To rescind an electronic bid, click "Withdraw Bid Button" in bidVAULT under "My Bids" section. If you wish to withdraw your electronic bid, it must be withdrawn prior to the bid opening time and date.

Bid results will be posted on the Redwood County OneOffice public dashboard site soon after the bid opening time.

Addenda Require That You Re-Approve Your Bid - If any addenda are issued for this project, your electronic bid must be re-approved by clicking on the "Approve" button and receiving the "Success: You have approved your bid" message. You must also agree that you have viewed and read the addenda.

Your Electronic Bid is signed with a PIN number you receive from ConneX. If your PIN number does not work and you cannot sign your bid, please go to ConneX and click on the "Re-issue Pin option." If you still have problems please call RtVision at 1-320-632-0760 or email support@rtvision.com.

BRIDGE DECK MILL & OVERLAYS

Redwood County, MN

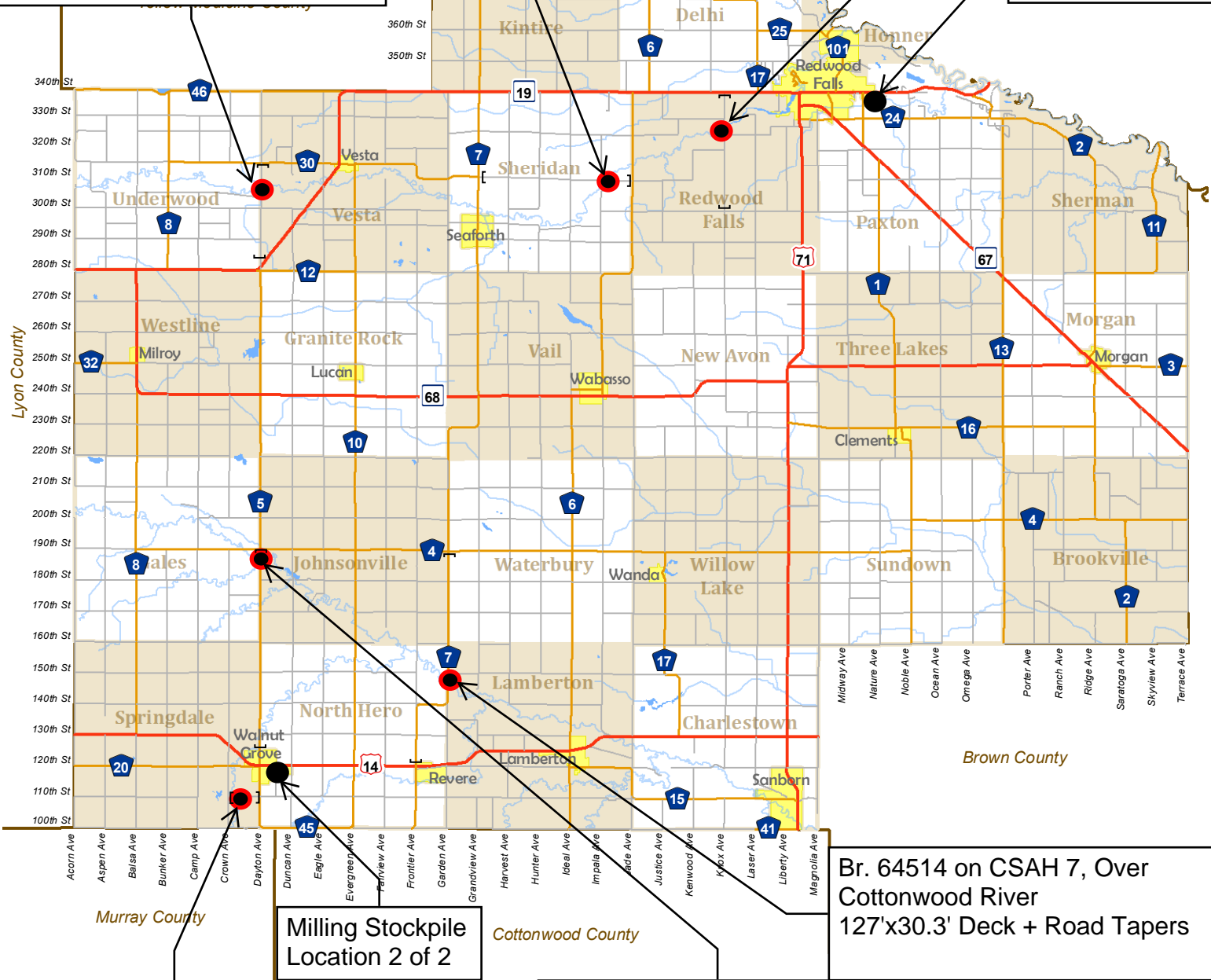
Br. 64516 on CSAH 30, Over
Redwood River
160.5'x30.2' Deck

1 Road Closed
Ahead Signs

Br. 64512 on CSAH 17, Over
Redwood River
200.5'x32' Deck

Br. 64515 on CR 59, Over
Redwood River
96.5'x28.2 Deck

Milling Stockpile
Location 1 of 2



Br. 64528 on CR 78, over
Plum Creek
92'x28' Deck + Road Tapers

Roads

— Federal and State

— County State Aid

— All other County and Township

Br. 64531 on CSAH 5, First
Bridge South of CSAH 4.
180'x40' Deck + Road Tapers

Br. 64514 on CSAH 7, Over
Cottonwood River
127'x30.3' Deck + Road Tapers

Created by Redwood County GIS Specialist 1/24/2017
using data created by Redwood County. This map is for
informational purposes only. Redwood County is not
responsible for any inaccuracies herein contained. No
responsibility is assumed for damages or other liabilities
due to the accuracy, availability, use or misuse of the
information herein provided.

To Redwood County Board of Commissioners:

According to the advertisement of Redwood County inviting proposals for the improvement of the section of highway hereinbefore named, and in conformity with the Contract, Plans, Specifications and Special Provisions pertaining thereto, all on file in the office of the Auditor/Treasurer of Redwood County:

(I)(We) hereby certify that (I am)(We are) the only person(s) interested in this proposal as principal(s); that this proposal is made and submitted without fraud or collusion with any other person, firm or corporation at all; that an examination has been made of the site of the work and the Contract form, with the Plans, Specifications and Special Provisions for the improvement.

(I)(We) understand that the quantities of work shown herein are approximate only and are subject to increase or decrease; that all quantities of work whether increased or decreased within the limits specified in MnDOT 1903 and 1402, are to be done at the unit prices shown on the attached schedule; that, at the time of opening bids, totals only will be read, but that comparison of bids will be based on the correct summation of item totals obtained from the unit prices bid, as provided in MnDOT 1301.

(I)(We) propose to furnish all necessary machinery, equipment, tools, labor and other means of construction and to furnish all materials specified, in the manner and at the time prescribed, all according to the terms of the Contract and Plans, Specifications, and the Special Provisions forming a part of this.

(I)(We) further propose to do all Extra Work that may be required to complete the contemplated improvement, at unit prices or lump sums to be agreed upon in writing before starting such work, or if such prices or sums cannot be agreed upon, to do such work on a Force Account basis, as provided in MnDOT 1904.

(I)(We) further propose to execute the form of Contract within 10 days after receiving written notice of award, as provided in MnDOT 1306.

(I)(We) further propose to furnish a Payment Bond and a Performance Bond each equal to the Contract Amount as required by MN Statute § 574.26, as security for the construction and completion of the improvement according to the Plans, Specifications and Special Provisions, as provided in MnDOT 1305.

(I)(We) further propose to do all work according to the Plans, Specifications and Special Provisions, and to renew or repair any work that may be rejected due to defective materials or workmanship, before completion and acceptance of the Project by the County Highway Engineer.

(I)(We) agree to all provisions of Minnesota Statutes, Section 181.59.

(I)(We) further propose to begin work and to prosecute and complete the same according to the time schedule set forth in the Special Provisions for the improvement.

(I)(We) assign to Redwood County all claims for overcharges as to good and materials purchased in connection with this Project resulting from antitrust violations that arise under the antitrust laws of the United States and the antitrust laws of the State of Minnesota. This clause also applies to subcontractors and first tier suppliers under this Contract.

**MINNESOTA DEPARTMENT OF TRANSPORTATION
NOTICE TO BIDDERS:
SUSPENSIONS/DEBARMENTS
THIS NOTICE APPLIES TO STATE-FUNDED AND FEDERALY-FUNDED PROJECTS**

Do not use suspended or debarred parties as subcontractors or material suppliers on this project!

Both the federal government and the State of Minnesota suspend and debar vendors. Review the list of suspended and debarred vendors before submitting a bid or a request to sublet. If your bid is based on using a suspended or debarred vendor, you will not be entitled to additional compensation for replacing the suspended or debarred vendor with a qualified vendor.

State Suspensions and Debarments

The State of Minnesota's list of suspended and debarred vendors is maintained by the Minnesota Department of Administration, Office of State Procurement, and can be found at this link: <https://mn.gov/admin/osp/government/suspended-debarred/index2.jsp> . This list includes parties suspended and debarred by the Minnesota Department of Transportation and the Minnesota Department of Administration.

Federal Suspensions and Debarments

The federal government maintains a searchable database of suspensions and debarments, called the System for Award Management (SAM), which is found at this link: <https://www.sam.gov/SAM/> . You can use the "Search Records" function without registering for an account.

September 29, 2023

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (DOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m., eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

NOTICE TO BIDDERS

Minnesota Statutes require prompt payment to subcontractors:

Minn. Stat. § 471.425 PROMPT PAYMENT OF LOCAL GOVERNMENT BILLS.

Subdivision 1. **Definitions.** For the purposes of this section, the following terms have the meanings here given them.

. . . (d) "Municipality" means any home rule charter or statutory city, county, town, school district, political subdivision or agency of local government. "Municipality" means the Metropolitan Council or any board or agency created under chapter 473.

. . . Subd. 4a. **Prompt payment to subcontractors.** Each contract of a municipality must require the prime contractor to pay any subcontractor within ten days of the prime contractor's receipt of payment from the municipality for undisputed services provided by the subcontractor. The contract must require the prime contractor to pay interest of 1-1/2 percent per month or any part of a month to the subcontractor on any undisputed amount not paid on time to the subcontractor. The minimum monthly interest penalty payment for an unpaid balance of \$100 or more is \$10. For an unpaid balance of less than \$100, the prime contractor shall pay the actual penalty due to the subcontractor. A subcontractor who prevails in a civil action to collect interest penalties from a prime contractor must be awarded its costs and disbursements, including attorney's fees, incurred in bringing the action.

Minn. Stat. § 15.72 PROGRESS PAYMENTS ON PUBLIC CONTRACTS; RETAINAGE.

. . . Subd. 2. **Retainage.** . . . (c) A contractor on a public contract for a public improvement must pay all remaining retainage to its subcontractors no later than ten days after receiving payment of retainage from the public contracting agency, unless there is a dispute about the work under a subcontract. If there is a dispute about the work under a subcontract, the contractor must pay out retainage to any subcontractor whose work is not involved in the dispute, and must provide a written statement detailing the amount and reason for the withholding to the affected subcontractor.

MINNESOTA DEPARTMENT OF LABOR AND INDUSTRY PREVAILING WAGES FOR STATE FUNDED
CONSTRUCTION PROJECTS



THIS NOTICE MUST BE POSTED ON THE JOBSITE IN A CONSPICUOUS PLACE

Construction Type: Highway and Heavy

Region Number: 08

Counties within region:

- CHIPPEWA-12
- KANDIYOHI-34
- LAC QUI PARLE-37
- LINCOLN-41
- LYON-42
- MCLEOD-46
- MEEKER-47
- MURRAY-51
- PIPESTONE-59
- REDWOOD-64
- RENVILLE-65
- YELLOW MEDICINE-87

Effective: 2024-11-18 Revised: 2024-12-09

This project is covered by Minnesota prevailing wage statutes. Wage rates listed below are the minimum hourly rates to be paid on this project.

All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at a rate of one and one half (1 1/2) times the basic hourly rate. *Note: Overtime pay after eight (8) hours on the project must be paid even if the worker does not exceed forty (40) hours in the work week.*

Violations on MnDOT highways and road projects should be reported to:

Department of Transportation
Office of Construction
Transportation Building MS650
John Ireland Blvd
St. Paul, MN 55155
(651) 366-4209

All other prevailing wage violations and questions should be sent to:

Department of Labor and Industry
Prevailing Wage Section
443 Lafayette Road N
St Paul, MN 55155
(651) 284-5091
DLI.PrevWage@state.mn.us

<u>LABOR CODE AND CLASS</u>	<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
LABORERS (101 - 112) (SPECIAL CRAFTS 701 - 730)				
101 LABORER, COMMON (GENERAL LABOR WORK)	2024-11-18	36.64	24.68	61.32
	2025-05-01	39.01	26.01	65.02

<u>LABOR CODE AND CLASS</u>	<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
102 LABORER, SKILLED (ASSISTING SKILLED CRAFT JOURNEYMAN)	2024-11-18	36.64	24.68	61.32
	2025-05-01	39.01	26.01	65.02
103 LABORER, LANDSCAPING (GARDENER, SOD LAYER AND NURSERY OPERATOR)	2024-11-18	30.04	21.53	51.57
	2025-05-01	31.66	22.78	54.44
104 FLAG PERSON	2024-11-18	36.64	24.68	61.32
	2025-05-01	39.01	26.01	65.02
105 WATCH PERSON	2024-11-18	16.25	12.94	29.19
106 BLASTER	2024-11-18	39.64	24.24	63.88
107 PIPELAYER (WATER, SEWER AND GAS)	2024-11-18	40.14	24.68	64.82
	2025-05-01	42.51	26.01	68.52
108 TUNNEL MINER	2024-11-18	38.14	24.24	62.38
109 UNDERGROUND AND OPEN DITCH LABORER (EIGHT FEET BELOW STARTING GRADE LEVEL)	2024-11-18	38.14	24.68	62.82
	2025-05-01	40.51	26.01	66.52
110 SURVEY FIELD TECHNICIAN (OPERATE TOTAL STATION, GPS RECEIVER, LEVEL, ROD OR RANGE POLES, STEEL TAPE MEASUREMENT; MARK AND DRIVE STAKES; HAND OR POWER DIGGING FOR AND IDENTIFICATION OF MARKERS OR MONUMENTS; PERFORM AND CHECK CALCULATIONS; REVIEW AND UNDERSTAND CONSTRUCTION PLANS AND LAND SURVEY MATERIALS). THIS CLASSIFICATION DOES NOT APPLY TO THE WORK PERFORMED ON A PREVAILING WAGE PROJECT BY A LAND SURVEYOR WHO IS LICENSED PURSUANT TO MINNESOTA STATUTES, SECTIONS 326.02 TO 326.15.	2024-11-18	35.00	11.50	46.50
111 TRAFFIC CONTROL PERSON (TEMPORARY SIGNAGE)	2024-11-18	21.49	14.80	36.29
112 QUALITY CONTROL TESTER (FIELD AND COVERED OFF-SITE FACILITIES; TESTING OF AGGREGATE, ASPHALT, AND CONCRETE MATERIALS); LIMITED TO MN DOT HIGHWAY AND HEAVY CONSTRUCTION PROJECTS WHERE THE MN DOT HAS RETAINED QUALITY ASSURANCE PROFESSIONALS TO REVIEW AND INTERPRET THE RESULTS OF QUALITY CONTROL TESTERS. SERVICES PROVIDED BY THE CONTRACTOR.	2024-11-18	16.04	0.00	16.04
SPECIAL EQUIPMENT (201 - 204)				
201 ARTICULATED HAULER	2024-11-18	42.49	25.00	67.49
202 BOOM TRUCK	2024-11-18	31.16	23.45	54.61
203 LANDSCAPING EQUIPMENT, INCLUDES HYDRO SEEDER OR MULCHER, SOD ROLLER, FARM TRACTOR WITH ATTACHMENT SPECIFICALLY SEEDING, SODDING, OR PLANT, AND TWO-FRAMED FORKLIFT (EXCLUDING FRONT, POSIT-TRACK, AND SKID STEER LOADERS), NO EARTHWORK OR GRADING FOR ELEVATIONS	2024-11-18	30.04	21.53	51.57
	2025-05-01	31.66	22.78	54.44
204 OFF-ROAD TRUCK	2024-11-18	41.29	23.45	64.74

<u>LABOR CODE AND CLASS</u>	<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
205 PAVEMENT MARKING OR MARKING REMOVAL EQUIPMENT (ONE OR TWO PERSON OPERATORS); SELF-PROPELLED TRUCK OR TRAILER MOUNTED UNITS.	2024-11-18	33.91	23.49	57.40

HIGHWAY/HEAVY POWER EQUIPMENT OPERATOR

GROUP 2	2024-11-18	45.61	26.90	72.51
	2025-05-05	47.24	29.40	76.64

- 302 HELICOPTER PILOT (HIGHWAY AND HEAVY ONLY)
- 303 CONCRETE PUMP (HIGHWAY AND HEAVY ONLY)
- 304 ALL CRANES WITH OVER 135-FOOT BOOM, EXCLUDING JIB (HIGHWAY AND HEAVY ONLY)
- 305 DRAGLINE, CRAWLER, HYDRAULIC BACKHOE (TRACK OR WHEEL MOUNTED) AND/OR OTHER SIMILAR EQUIPMENT WITH SHOVEL-TYPE CONTROLS THREE CUBIC YARDS AND OVER MANUFACTURER.S RATED CAPACITY INCLUDING ALL ATTACHMENTS. (HIGHWAY AND HEAVY ONLY)
- 306 GRADER OR MOTOR PATROL
- 307 PILE DRIVING (HIGHWAY AND HEAVY ONLY)
- 308 TUGBOAT 100 H.P. AND OVER WHEN LICENSE REQUIRED (HIGHWAY AND HEAVY ONLY)

GROUP 3	2024-11-18	45.01	26.90	71.91
	2025-05-05	46.61	29.40	76.01

- 309 ASPHALT BITUMINOUS STABILIZER PLANT
- 310 CABLEWAY
- 311 CONCRETE MIXER, STATIONARY PLANT (HIGHWAY AND HEAVY ONLY)
- 312 DERRICK (GUY OR STIFFLEG)(POWER)(SKIDS OR STATIONARY) (HIGHWAY AND HEAVY ONLY)
- 313 DRAGLINE, CRAWLER, HYDRAULIC BACKHOE (TRACK OR WHEEL MOUNTED) AND/OR SIMILAR EQUIPMENT WITH SHOVEL-TYPE CONTROLS, UP TO THREE CUBIC YARDS MANUFACTURER.S RATED CAPACITY INCLUDING ALL ATTACHMENTS (HIGHWAY AND HEAVY ONLY)
- 314 DREDGE OR ENGINEERS, DREDGE (POWER) AND ENGINEER
- 315 FRONT END LOADER, FIVE CUBIC YARDS AND OVER INCLUDING ATTACHMENTS. (HIGHWAY AND HEAVY ONLY)
- 316 LOCOMOTIVE CRANE OPERATOR
- 317 MIXER (PAVING) CONCRETE PAVING, ROAD MOLE, INCLUDING MUCKING OPERATIONS, CONWAY OR SIMILAR TYPE
- 318 MECHANIC . WELDER ON POWER EQUIPMENT (HIGHWAY AND HEAVY ONLY)
- 319 TRACTOR . BOOM TYPE (HIGHWAY AND HEAVY ONLY)
- 320 TANDEM SCRAPER
- 321 TRUCK CRANE . CRAWLER CRANE (HIGHWAY AND HEAVY ONLY)
- 322 TUGBOAT 100 H.P AND OVER (HIGHWAY AND HEAVY ONLY)

GROUP 4	2024-11-18	44.67	26.90	71.57
	2025-05-05	46.25	29.40	75.65

- 323 AIR TRACK ROCK DRILL
- 324 AUTOMATIC ROAD MACHINE (CMI OR SIMILAR) (HIGHWAY AND HEAVY ONLY)
- 325 BACKFILLER OPERATOR
- 326 CONCRETE BATCH PLANT OPERATOR (HIGHWAY AND HEAVY ONLY)
- 327 BITUMINOUS ROLLERS, RUBBER TIRED OR STEEL DRUMMED (EIGHT TONS AND OVER)
- 328 BITUMINOUS SPREADER AND FINISHING MACHINES (POWER), INCLUDING PAVERS, MACRO SURFACING AND MICRO SURFACING, OR SIMILAR TYPES (OPERATOR AND SCREED PERSON)
- 329 BROKK OR R.T.C. REMOTE CONTROL OR SIMILAR TYPE WITH ALL ATTACHMENTS
- 330 CAT CHALLENGER TRACTORS OR SIMILAR TYPES PULLING ROCK WAGONS, BULLDOZERS AND SCRAPERS
- 331 CHIP HARVESTER AND TREE CUTTER
- 332 CONCRETE DISTRIBUTOR AND SPREADER FINISHING MACHINE, LONGITUDINAL FLOAT, JOINT MACHINE, AND SPRAY MACHINE
- 333 CONCRETE MIXER ON JOBSITE (HIGHWAY AND HEAVY ONLY)
- 334 CONCRETE MOBIL (HIGHWAY AND HEAVY ONLY)

<u>LABOR CODE AND CLASS</u>	<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
335 CRUSHING PLANT (GRAVEL AND STONE) OR GRAVEL WASHING, CRUSHING AND SCREENING PLANT				
336 CURB MACHINE				
337 DIRECTIONAL BORING MACHINE				
338 DOPE MACHINE (PIPELINE)				
339 DRILL RIGS, HEAVY ROTARY OR CHURN OR CABLE DRILL (HIGHWAY AND HEAVY ONLY)				
340 DUAL TRACTOR				
341 ELEVATING GRADER				
342 FORK LIFT OR STRADDLE CARRIER (HIGHWAY AND HEAVY ONLY)				
343 FORK LIFT OR LUMBER STACKER (HIGHWAY AND HEAVY ONLY)				
344 FRONT END, SKID STEER OVER 1 TO 5 C YD				
345 GPS REMOTE OPERATING OF EQUIPMENT				
346 HOIST ENGINEER (POWER) (HIGHWAY AND HEAVY ONLY)				
347 HYDRAULIC TREE PLANTER				
348 LAUNCHER PERSON (TANKER PERSON OR PILOT LICENSE)				
349 LOCOMOTIVE (HIGHWAY AND HEAVY ONLY)				
350 MILLING, GRINDING, PLANNING, FINE GRADE, OR TRIMMER MACHINE				
351 MULTIPLE MACHINES, SUCH AS AIR COMPRESSORS, WELDING MACHINES, GENERATORS, PUMPS (HIGHWAY AND HEAVY ONLY)				
352 PAVEMENT BREAKER OR TAMPING MACHINE (POWER DRIVEN) MIGHTY MITE OR SIMILAR TYPE				
353 PICKUP SWEEPER, ONE CUBIC YARD AND OVER HOPPER CAPACITY(HIGHWAY AND HEAVY ONLY)				
354 PIPELINE WRAPPING, CLEANING OR BENDING MACHINE				
355 POWER PLANT ENGINEER, 100 KWH AND OVER (HIGHWAY AND HEAVY ONLY)				
356 POWER ACTUATED HORIZONTAL BORING MACHINE, OVER SIX INCHES				
357 PUGMILL				
358 PUMPCRETE (HIGHWAY AND HEAVY ONLY)				
359 RUBBER-TIRED FARM TRACTOR WITH BACKHOE INCLUDING ATTACHMENTS (HIGHWAY AND HEAVY ONLY)				
360 SCRAPER				
361 SELF-PROPELLED SOIL STABILIZER				
362 SLIP FORM (POWER DRIVEN) (PAVING)				
363 TIE TAMPER AND BALLAST MACHINE				
364 TRACTOR, BULLDOZER (HIGHWAY AND HEAVY ONLY)				
365 TRACTOR, WHEEL TYPE, OVER 50 H.P. WITH PTO UNRELATED TO LANDSCAPING (HIGHWAY AND HEAVY ONLY)				
366 TRENCHING MACHINE (SEWER, WATER, GAS) EXCLUDES WALK BEHIND TRENCHER (HIGHWAY AND HEAVY ONLY)				
367 TUB GRINDER, MORBARK, OR SIMILAR TYPE				
368 WELL POINT DISMANTLING OR INSTALLATION (HIGHWAY AND HEAVY ONLY)				
GROUP 5	2024-11-18	41.36	26.90	68.26
	2025-05-05	42.77	29.40	72.17
369 AIR COMPRESSOR, 600 CFM OR OVER (HIGHWAY AND HEAVY ONLY)				
370 BITUMINOUS ROLLER (UNDER EIGHT TONS)				
371 CONCRETE SAW (MULTIPLE BLADE) (POWER OPERATED)				
372 FORM TRENCH DIGGER (POWER)				
373 FRONT END, SKID STEER UP TO 1C YD				
374 GUNITE GUNALL (HIGHWAY AND HEAVY ONLY)				
375 HYDRAULIC LOG SPLITTER				
376 LOADER (BARBER GREENE OR SIMILAR TYPE)				
377 POST HOLE DRIVING MACHINE/POST HOLE AUGER				
378 POWER ACTUATED AUGER AND BORING MACHINE				
379 POWER ACTUATED JACK				
380 PUMP (HIGHWAY AND HEAVY ONLY)				
381 SELF-PROPELLED CHIP SPREADER (FLAHERTY OR SIMILAR)				
382 SHEEP FOOT COMPACTOR WITH BLADE . 200 H.P. AND OVER				
383 SHOULDERING MACHINE (POWER) APSCO OR SIMILAR TYPE INCLUDING SELF-PROPELLED SAND AND CHIP SPREADER				

<u>LABOR CODE AND CLASS</u>	<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
384 STUMP CHIPPER AND TREE CHIPPER				
385 TREE FARMER (MACHINE)				
GROUP 6	2024-11-18	38.06	25.00	63.06
387 CAT, CHALLENGER, OR SIMILAR TYPE OF TRACTORS, WHEN PULLING DISK OR ROLLER				
388 CONVEYOR (HIGHWAY AND HEAVY ONLY)				
389 DREDGE DECK HAND				
390 FIRE PERSON OR TANK CAR HEATER (HIGHWAY AND HEAVY ONLY)				
391 GRAVEL SCREENING PLANT (PORTABLE NOT CRUSHING OR WASHING)				
392 GREASER (TRACTOR) (HIGHWAY AND HEAVY ONLY)				
393 LEVER PERSON				
394 OILER (POWER SHOVEL, CRANE, TRUCK CRANE, DRAGLINE, CRUSHERS, AND MILLING MACHINES, OR OTHER SIMILAR HEAVY EQUIPMENT) (HIGHWAY AND HEAVY ONLY)				
395 POWER SWEEPER				
396 SHEEP FOOT ROLLER AND ROLLERS ON GRAVEL COMPACTION, INCLUDING VIBRATING ROLLERS				
397 TRACTOR, WHEEL TYPE, OVER 50 H.P., UNRELATED TO LANDSCAPING				
TRUCK DRIVERS				
GROUP 1	2024-11-18	36.00	11.50	47.50
601 MECHANIC . WELDER				
602 TRACTOR TRAILER DRIVER				
603 TRUCK DRIVER (HAULING MACHINERY INCLUDING OPERATION OF HAND AND POWER OPERATED WINCHES)				
GROUP 2	2024-11-18	33.00	11.50	44.50
604 FOUR OR MORE AXLE UNIT, STRAIGHT BODY TRUCK				
GROUP 3	2024-11-18	31.00	11.50	42.50
605 BITUMINOUS DISTRIBUTOR DRIVER				
606 BITUMINOUS DISTRIBUTOR (ONE PERSON OPERATION)				
607 THREE AXLE UNITS				
GROUP 4	2024-11-18	23.70	6.91	30.61
608 BITUMINOUS DISTRIBUTOR SPRAY OPERATOR (REAR AND OILER)				
609 DUMP PERSON				
610 GREASER				
611 PILOT CAR DRIVER				
612 RUBBER-TIRED, SELF-PROPELLED PACKER UNDER 8 TONS				
613 TWO AXLE UNIT				
614 SLURRY OPERATOR				
615 TANK TRUCK HELPER (GAS, OIL, ROAD OIL, AND WATER)				
616 TRACTOR OPERATOR, UNDER 50 H.P.				
SPECIAL CRAFTS				
701 HEATING AND FROST INSULATORS	2024-11-18	17.50	2.79	20.29
702 BOILERMAKERS	2024-11-18	46.00	31.93	77.93
	2025-01-01	48.35	31.93	80.28
703 BRICKLAYERS	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PREVVAGE@STATE.MN.US			
704 CARPENTERS	2024-11-18	37.65	27.08	64.73

<u>LABOR CODE AND CLASS</u>	<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
	2025-01-01	37.65	27.08	64.73
	2025-05-01	42.85	27.08	69.93
705 CARPET LAYERS (LINOLEUM)	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PREVVAGE@STATE.MN.US			
706 CEMENT MASONS	2024-11-18	43.00	23.72	66.72
707 ELECTRICIANS	2024-11-18	41.00	23.10	64.10
711 GROUND PERSON	2024-11-18	16.63	6.38	23.01
712 IRONWORKERS	2024-11-18	46.00	34.11	80.11
713 LINEMAN	2024-11-18	50.86	23.06	73.92
714 MILLWRIGHT	2024-11-18	38.23	29.18	67.41
715 PAINTERS (INCLUDING HAND BRUSHED, HAND SPRAYED, AND THE TAPING OF PAVEMENT MARKINGS)	2024-11-18	33.91	23.49	57.40
716 PILEDRIVER (INCLUDING VIBRATORY DRIVER OR EXTRACTOR FOR PILING AND SHEETING OPERATIONS)	2024-11-18	45.71	29.73	75.44
	2025-01-01	45.71	29.73	75.44
	2025-05-01	49.46	30.23	79.69
717 PIPEFITTERS . STEAMFITTERS	2024-11-18	41.97	25.92	67.89
719 PLUMBERS	2024-11-18	51.04	30.58	81.62
	2025-05-01	54.79	30.58	85.37
721 SHEET METAL WORKERS	2024-11-18	40.88	25.10	65.98
723 TERRAZZO WORKERS	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PREVVAGE@STATE.MN.US			
724 TILE SETTERS	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PREVVAGE@STATE.MN.US			
725 TILE FINISHERS	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PREVVAGE@STATE.MN.US			
727 WIRING SYSTEM TECHNICIAN	2024-11-18	41.42	18.16	59.58
728 WIRING SYSTEMS INSTALLER	2024-11-18	29.02	16.46	45.48
729 ASBESTOS ABATEMENT WORKER	2024-11-18	39.86	24.61	64.47
	2025-01-01	41.23	25.99	67.22
730 SIGN ERECTOR	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PREVVAGE@STATE.MN.US			

Jan. 6, 2025

Notice of truck rental rate certification and effective date

The Department of Labor and Industry (DLI) commissioner has certified the minimum truck rental rates for state-funded highway projects effective Jan. 6, 2025. This certification follows the publication of the Notice of Truck Rental Rate Determination in the State Register on Dec. 16, 2024, and the informal conference held pursuant to Minnesota Rules, part 5200.1105 on Dec. 27, 2024.

According to Minnesota Rules, part 5200.1105, the purpose of the informal conference was for DLI to obtain further input regarding the determined rates prior to the certification. No written input regarding the determination was received by DLI prior to the informal conference.

The truck rental rate is determined for each equipment type by adding the average hourly cost of operating the vehicle to the certified prevailing-wage rate for the driver. The average hourly operating costs are determined by voluntary survey of truck owner operators, trucking contractors and trucking firms. Cost data used in DLI's analysis must be representative of five trucking firms of various size and five independent truck owner operators for each type of truck.

The determination of the minimum truck rental rates by region are as follows.

Three-axle units

Region	Effective date	607 driver rate	Operating cost	Truck rental rate
Region 1	Certification date	\$61.54	\$37.35	\$98.89
	Increase April 28, 2025	\$64.83	\$37.35	\$102.18
Region 2	Certification date	\$54.57	\$37.35	\$91.92
	Increase April 28, 2025	\$57.49	\$37.35	\$94.84
Region 3	Certification date	\$54.57	\$37.35	\$91.92
	Increase April 28, 2025	\$57.49	\$37.35	\$94.84

Region	Effective date	607 driver rate	Operating cost	Truck rental rate
Region 4	Certification date	\$56.93	\$37.35	\$94.28
Region 5	Certification date	\$39.50	\$37.35	\$76.85
Region 6	Certification date	\$45.00	\$37.35	\$82.35
Region 7	Certification date	\$46.65	\$37.35	\$84.00
Region 8	Certification date	\$42.50	\$37.35	\$79.85
Region 9	Certification date	\$56.36	\$37.35	\$93.71
Region 10	Certification date	\$42.50	\$37.35	\$79.85

Four or more axle units

Region	Effective date	604 driver rate	Operating cost	Truck rental rate
Region 1	Certification date	\$61.65	\$51.50	\$113.15
	Increase April 28, 2025	\$64.95	\$51.50	\$116.45
Region 2	Certification date	\$54.72	\$51.50	\$106.22
	Increase April 28, 2025	\$57.65	\$51.50	\$109.15
Region 3	Certification date	\$ 39.60	\$51.50	\$91.10
Region 4	Certification date	\$53.73	\$51.50	\$105.23
Region 5	Certification date	\$26.00	\$51.50	\$77.50
Region 6	Certification date	\$54.25	\$51.50	\$105.75

Region 7	Certification date	\$46.15	\$51.50	\$97.65
Region 8	Certification date	\$44.50	\$51.50	\$96.00
Region 9	Certification date	\$56.45	\$51.50	\$107.95
Region 10	Certification date	\$53.70	\$51.50	\$105.20

Tractor

Region	Effective date	602 driver rate	Operating cost	Tractor-only truck rental rate	Plus trailer operating cost	Tractor trailer rental rate
Region 1	Certification date	\$62.25	\$54.96	\$117.21	\$11.46	\$128.67
	Increase April 28, 2025	\$65.58	\$54.96	\$120.54	\$11.46	\$132.00
Region 2	Certification date	\$55.29	\$54.96	\$110.25	\$11.46	\$121.71
	Increase April 28, 2025	\$58.25	\$54.96	\$113.21	\$11.46	\$124.67
Region 3	Certification date	\$55.29	\$54.96	\$110.25	\$11.46	\$121.71
	Increase April 28, 2025	\$58.25	\$54.96	\$113.21	\$11.46	\$124.67
Region 4	Certification date	\$50.27	\$54.96	\$105.23	\$11.46	\$116.69
Region 5	Certification date	\$28.84	\$54.96	\$83.80	\$11.46	\$95.26
Region 6	Certification date	\$47.40	\$54.96	\$102.36	\$11.46	\$113.82
Region 7	Certification date	\$46.15	\$54.96	\$101.11	\$11.46	\$112.57
Region 8	Certification date	\$47.50	\$54.96	\$102.46	\$11.46	\$113.92

Region 9	Certification date	\$62.70	\$54.96	\$117.66	\$11.46	\$129.12
	Increase April 28, 2025	\$66.05	\$54.96	\$121.01	\$11.46	\$132.47
Region 10	Certification date	\$47.50	\$54.96	\$102.46	\$11.46	\$113.92

The current operating costs and truck rental rates may be reviewed by accessing DLI's website at <https://dli.mn.gov/business/employment-practices/prevaling-wage-minimum-truck-rental-rates>. Questions about the truck rental rates or the informal conference notice below can be answered by calling 651-284-5192.

The minimum truck rental rate for these four types of trucks in the State's 10 highway and heavy construction areas will be effective for all highway and heavy construction projects financed in whole or part with state funds advertised for bid on or after the day the notice of certification is published in the *State Register*.

Sincerely,

Nicole Blissenbach

DLI commissioner

STATE FUNDED ONLY CONSTRUCTION CONTRACTS

SPECIAL PROVISIONS DIVISION A - LABOR

I. INTRODUCTION

- A. **Policy Statement.** It is in the public interest that public buildings and other public works projects be constructed and maintained by the best means and the highest quality of labor reasonably available and that persons working on public works projects be compensated according to the real value of the services they perform.¹
- B. **State Regulations Govern.** This Contract is subject to the Minnesota Prevailing Wage Act², Minnesota Fair Labor Standards Act³, Minnesota Rules⁴, Minnesota Department of Labor and Industry (MnDLI) Wage Decision(s), and the MnDLI Truck Rental Rate Schedule.
- C. **Purpose.** These provisions: (1) outline your obligations under state and federal laws, rules and regulations; (2) explain the requirements necessary to demonstrate compliance; and (3) explain the processes that the Department will undertake to ensure compliance.
- D. **Questions or Resources.** Please visit the Minnesota Department of Transportation (MnDOT) Labor Compliance Unit (LCU) website at: www.dot.state.mn.us/const/labor.

II. DEFINITIONS

Many of the terms used in these provisions are defined in MnDOT's Standard Specifications for Construction,⁵ unless defined below.

- A. **Apprentice.** A Worker at least 16 years of age who is employed to learn an apprenticeable trade or occupation in a registered apprenticeship program.⁶
- B. **Bona Fide.** Made or carried out in good faith; authentic.⁷
- C. **Certified Payroll Report (CPR).** A report comprised of two components; (1) a payroll report, and (2) a statement of compliance report.⁸
- D. **Contractor.** An individual or business entity that is engaged in construction or construction service-related activities including trucking activities either directly or indirectly through a Contract, or by Subcontract with the Prime Contractor, or by a further Subcontract with any other person or business entity performing Work.⁹
- E. **Employer.** An individual, partnership, association, corporation, business trust, or other business entity that hires a Worker.¹⁰
- F. **Fringe Benefit.** An employment benefit given in addition to a Worker's wages or salary.¹¹
- G. **Independent Truck Owner/Operator (ITO).** An individual, partnership, or principal stockholder of a corporation who owns or holds a vehicle under lease and who contracts that vehicle and the owner's services to an entity which provides construction services to a public works project.¹²

¹ Minn. Stat. 177.41

² Minn. Stat. 177.41 to 177.44

³ Minn. Stat. 177.21 to 177.35

⁴ Minn. R. 5200.1000 to 5200.1120

⁵ MnDOT Standard Specifications for Construction, Section 1103

⁶ Minn. Stat. 178.011, Subdivision 2

⁷ The American Heritage College Dictionary, Third Edition, 2000

⁸ Minn. R. 5200.1106, Subpart 10

⁹ Minn. R. 5200.1106, Subpart 2(D)

¹⁰ Minn. Stat. 177.42, Subdivision 7

¹¹ The American Heritage College Dictionary, Third Edition, 2000

¹² Minn. R. 5200.1106, Subpart 7(A)

- H. **Journeyworker.** A person who has attained a level of skill, abilities, and competencies recognized within and industry as having mastered the skills and competencies required for the trade or occupation.¹³
- I. **Prime Contractor.** An individual or business entity that enters into a Contract with the Department.¹⁴
- J. **Subcontract.** A Contract that assigns some obligations of a prior Contract to another party.¹⁵
- K. **Substantially In Place.** Mineral aggregate is deposited on the project site directly or through spreaders where it can be spread from or compacted at the location where it was deposited.¹⁶
- L. **Total Prevailing Wage Rate.** The sum of the prevailing hourly “basic” and “fringe” rate that is established in a Wage Decision.
- M. **Trucking Broker (Broker).** An individual or business entity, the activities of which include, but are not limited to: contracting to provide trucking services in the construction industry to users of such services, contracting to obtain such services from providers of trucking services, dispatching the providers of the services to do Work as required by the users of the services, receiving payment from the users in consideration of the trucking services provided, and making payment to the providers for the services.¹⁷
- N. **Trucking Firm/Multiple Truck Owner (MTO).** Any legal business entity that owns more than one vehicle and hires the vehicles out for services to Trucking Brokers or Contractors on public works projects.¹⁸
- O. **Truck Rental Rate Schedule.** A document prepared by the MnDLI through a Contractor survey process that identifies the required hourly Total Prevailing Wage Rate and operating cost for various types of trucks that perform hauling activities (Work) under a Contract that is funded in whole or in part with state funds.¹⁹
- P. **Wage Decision.** A document prepared by the MnDLI through a Contractor survey process that identifies the required hourly basic rate of pay and hourly Fringe Benefits for various labor classifications that perform Work under a Contract that is funded in whole or in part with state funds.²⁰
- Q. **Work (Work).** All construction activities associated with a public works project, including any required hauling activities on-the-site-of or to-or-from a public works project and conducted pursuant to a Contract, regardless of whether the construction activity or Work is performed by the Prime Contractor, subcontractor, Trucking Broker, Trucking Firm (MTO), ITO, independent contractor, or employee or agent of any of the foregoing entities.²¹
- R. **Worker (Laborer or Mechanic).** A Worker in a construction industry labor class identified in or pursuant to Minnesota Rules 5200.1100, Master Job Classifications.²²

III. APPLICATION & UNDERSTANDING

- A. **Provisions & Prevailing Wage Rates Apply.** These provisions, along with the prevailing Wage Decision(s) that are incorporated into the Contract, apply to all Contractors contracting to do all or part of the Work.²³

¹³ Minn. Stat. 178.011, Subdivision 9

¹⁴ Minn. R. 5200.1106, Subpart 2(C)

¹⁵ The American Heritage College Dictionary, Third Edition, 2000

¹⁶ Minn. R. 5200.1106, Subpart 5(C)

¹⁷ Minn. R. 5200.1106, Subpart 7(C)

¹⁸ Minn. R. 5200.1106, Subpart 7(B)

¹⁹ Minn. R. 5200.1105

²⁰ Minn. R. 5200.1020 to 5200.1060

²¹ Minn. R. 5200.1106, Subpart 2(A)

²² Minn. R. 5200.1106, Subpart 5(A)

²³ Minn. Stat. 177.44, Subdivision 1

- B. **Truck Rental Rates Apply.** The Truck Rental Rate Schedule incorporated into the Contract applies to all hired trucking entities that perform covered hauling activities related to the project.²⁴
- C. **Prevailing Wage Terms Must Be Included in All Contracts.** The Prime Contractor is required to ensure that all subcontractors performing Work receive the Contract Wage Decision(s), Truck Rental Rate Schedule, and a copy of these provisions with their written Subcontracts, agreements and/or purchase orders.²⁵
- D. **Responsible for Understanding All Requirements.** Each Contractor is responsible for understanding all laws, rules, regulations, plans, and specifications that are incorporated physically, or by reference, into the Contract.²⁶
- E. **E-Verify.** For services valued in excess of \$50,000, the Contractor certifies that as of the date of services performed on behalf of State, the Contractor will have implemented or be in the process of implementing the federal E-Verify program for all newly hired employees in the United States who will perform work under the contract. The Prime Contractor is responsible to collect all subcontractor certifications and may do so utilizing the E-Verify Subcontractor Certification Form available at <http://www.mmd.admin.state.mn.us/doc/EVerifySubCertForm.doc>. All subcontractor certifications must be kept on file with the Prime Contractor and made available to the State upon request.

IV. **VENDOR REGISTRATION**

Vendor Registration Required. A Contractor that performs Work, supplies material, or product must be registered with MnDOT. The Contractor must complete and submit a vendor form²⁷ to the MnDOT LCU²⁸, along with all applicable documentation that is required. This registration process is separate and distinct from other state agency requirements.

V. **LABOR CLASSIFICATIONS**

- A. **Labor Classification Assignment.** A Worker must be paid at least the Total Prevailing Wage Rate in the same or most similar trade or occupation.²⁹ To determine the appropriate labor classification for a Worker, a Contractor must refer to the Wage Decision(s) incorporated into the Contract, the labor classification descriptions for laborers and special crafts established in Minnesota Rules or the United States Department of Labor's Dictionary of Occupational Titles.³⁰
- B. **Labor Classification Clarification & Disputes.** A Contractor needing assistance in determining a labor classification must submit a Classification Clarification Request³¹ to the MnDOT LCU for a written decision. If the Contractor chooses to contest the classification assignment, it must provide written notice to the MnDOT LCU. The MnDOT LCU will forward the matter to the MnDLI for a final ruling.
- C. **Performing Work in Multiple Labor Classifications.** For Workers performing Work in multiple labor classifications, the Contractor must compensate at a minimum the Total Prevailing Wage Rate, and report the hours worked, in each applicable labor classification.³²

VI. **WAGE DECISION(S) & WAGE RATE(S)**

- A. **Applicability of a Highway and Heavy Wage Decision.** A highway and heavy Wage Decision applies to a Worker that is engaged in a construction activity or performing Work to construct or maintain a highway or other public works project, such as a road, street, airport runway, bridge,

²⁴ Minn. Stat. 177.44, Subdivision 3

²⁵ MnDOT Standard Specifications for Construction, Section 1801

²⁶ MnDOT Standard Specifications for Construction, Section 1701

²⁷ www.dot.state.mn.us/const/labor/documents/forms/contractorform2016.pdf for www.dot.state.mn.us/const/labor/documents/forms/truckvendorform2016.pdf

²⁸ lcusupport.dot@state.mn.us

²⁹ Minn. Stat. 177.44, Subdivision 1

³⁰ Minn. R. 5200.1101 and 1102 and USDOL Dictionary of Occupational Titles

³¹ <http://www.dot.state.mn.us/const/labor/documents/forms/classification-clarification-request.pdf>

³² Minn. Stat. 177.44, Subdivision 1

power plant, dam or utility³³ that is external to a sheltered enclosure (structure). This includes, but is not limited to, the following Work: site clearing; grading; excavating backfilling; paving; curbs; gutters; sidewalks; culverts; bridges; lighting systems; traffic management systems; installing of utilities out from an exterior meter; fuel islands; communication towers; or other activities similar to highway and/or heavy Work.

- B. **Applicability of a Commercial Wage Decision.** A commercial Wage Decision applies to a Worker that is engaged in a construction activity or performing Work to construct a sheltered enclosure (structure) with walk-in access for the purpose of housing persons, machinery, equipment or supplies.³⁴ This includes, but is not limited to, the following Work: constructing foundations, aprons, stoops; framing walls; installing windows, doors, tiling, plumbing, electrical, HVAC systems; roofing; installing utilities into the building from an exterior meter.
- C. **Pay According to Wage Decision(s).**
1. **Contract with One Wage Decision.** If the Contract contains one Wage Decision, the Contractor must examine the Wage Decision and compensate the Worker at a minimum the Total Prevailing Wage Rate for the appropriate labor classification(s).
 2. **Contract with Multiple Highway/Heavy Wage Decisions.** If the Contract contains multiple Highway/Heavy Wage Decisions, the Contractor must examine each Wage Decision and compensate the Worker, at a minimum, the Total Prevailing Wage Rate that is the greatest³⁵ for the appropriate labor classification(s).
 3. **Contract with Highway/Heavy and Commercial Wage Decision(s).** If the Contract contains a Highway/Heavy and Commercial Wage Decision(s), the Contractor must first determine which Wage Decision is applicable to the Worker. The Contractor must then compensate the Worker, at a minimum, the Total Prevailing Wage Rate for the appropriate labor classification(s).
- D. **Must Pay Total Prevailing Wage Rate.** A Contractor must compensate each Worker, at a minimum, the Total Prevailing Wage Rate(s) for all hours worked on the project for the appropriate labor classification(s).³⁶
- E. **Missing Wage Rate.** If a Wage Decision fails to include a wage rate for a labor classification(s) that will be utilized on a project, the Contractor must obtain a wage rate prior to furnishing an estimate, quote or bid.³⁷
1. **Wage Rate Request.** A Contractor must complete a Request for Rate Assignment form³⁸ and submit it to the MnDOT LCU³⁹ for processing.
 2. **No Contract Price Adjustment for Missing Wage Rate.** If MnDLI determines that a higher wage rate applies, the Department will not reimburse the Contractor.
- F. **Salaried Worker.** A salaried Worker is not exempt from these Provisions. A Contractor must convert the Worker's salary to an average hourly rate of pay by dividing the Worker's salary by the total number of hours Worked (government and non-government) during the pay period.⁴⁰ A salaried Worker must be included on a CPR.
- G. **Reduction in Standard (Private) Contractual Regular Rate of Pay Prohibited.** A Contractor must not reduce a Worker's standard, contractual regular rate of pay when the prevailing wage rate(s) certified by the MnDLI is less.⁴¹

³³ Minn. R. 5200.1010, Subdivision 3

³⁴ United States Department of Labor All Agency Memorandum #130

³⁵ Minn. Stat. 177.44, Subdivision 4

³⁶ Minn. Stat. 177.44, Subdivision 1

³⁷ Minn. R. 5200.1030, Subpart 2a(C)

³⁸ <http://www.dot.state.mn.us/const/labor/documents/forms/request-for-rate-assignment.doc>

³⁹ lcusupport.dot@state.mn.us

⁴⁰ Refer to Appendix A

⁴¹ Minn. Stat. 181.03, Subdivision 1(2)

- H. **Prohibited Payment Practices.** A Contractor is prohibited from taking (accepting) a rebate for the purpose of reducing or otherwise decreasing the value of the compensation paid.
- I. **Prohibited Deductions.** No deductions, direct or indirect, may be made for the items listed below which when subtracted from wages would reduce the wages below Minnesota's minimum wage rate as established in section 177.24⁴²
1. **Uniforms.** Purchased or rented uniforms or specifically designed clothing that is required by the Employer, by the nature of employment, or by statute, or as a condition of employment, which is not generally appropriate for use except in that employment.
 2. **Equipment.** Purchased or rented equipment used in employment, except tools of a trade, a motor vehicle, or any other equipment which may be used outside the employment. The cost of the Worker's use of equipment used outside of employment, such as tools, a motor vehicle, cell phone, may be deducted only if an agreement between the Employer and employee existed prior to the deduction.
 3. **Supplies.** Consumable supplies required in the course of employment.
 4. **Travel Expenses.** Travel expenses in the course of employment except those incurred in traveling to and from the employee's residence and place of employment.

VII. HOURS OF WORK

- A. **Work Performed Under the Contract.** A Worker performing Work is subject to prevailing wage for all hours associated with the Contract⁴³, unless the Worker is exempt under state law.⁴⁴
- B. **Wait Time Subject to Prevailing Wage.** A Worker who is required to remain on the project and is waiting to Work because of the fault of the Contractor is considered "engaged to wait" and subject to prevailing wage for the time spent, unless the Worker is completely relieved of duty and free to leave the project for a defined period of time.

VIII. FRINGE BENEFITS

- A. **Funded Fringe Benefit Plan Criteria.** In order for a funded Fringe Benefit (e.g., health/medical insurance, disability insurance, life insurance, pension, etc.) to be considered and creditable towards the Total Prevailing Wage Rate it must be:⁴⁵
1. a contribution irrevocably made by a Contractor on behalf of an Worker to a financially responsible trustee, third person, fund, plan, or program;
 2. carried out under a financially responsible plan or program;
 3. legally enforceable;
 4. communicated in writing to the Worker; and
 5. made available to the Worker once he/she has met all eligibility requirements.
- B. **Unfunded Fringe Benefit Plan Criteria.** In order for a unfunded Fringe Benefit (e.g., vacation, holiday, sick leave, etc.) to be considered and creditable towards the Total Prevailing Wage Rate it must be:⁴⁶
1. reasonably anticipated to provide a benefit;
 2. a commitment that can be legally enforced;

⁴² Minn. Stat. 177.24, Subdivision 4(1-4)

⁴³ Minn. Stat. 177.44, Subdivision 1

⁴⁴ Minn. Stat. 177.44, Subdivision 2 or Minn. R. 5200.1106, Subpart 4

⁴⁵ Minn. Stat. 177.42, Subdivision 6

⁴⁶ Minn. Stat. 177.42, Subdivision 6

3. carried out under a financially responsible plan or program;
 4. communicated in writing to the Worker; and
 5. made available to the Worker once he/she has met all eligibility requirements.
- C. **Fringe Benefit Contributions for Hours Worked.** A Contractor that provides Fringe Benefits to a Worker must make contributions, not less than quarterly⁴⁷, for all hours worked,⁴⁸ including overtime hours, unless it's a defined benefit or contribution plan that provides for immediate participation and immediate or essentially immediate vesting (**see subpart D2 of this section**).
- D. **Hourly Fringe Benefit Credit.** An hourly Fringe Benefit credit toward the Total Prevailing Wage Rate must be determined separately for each Worker based on one or more of the following methods:
1. **Monthly, Quarterly or Annual Computation Methods.** A Contractor must compute its monthly, quarterly or annual cost of a particular Fringe Benefit and divide that amount by the estimated total number of hours worked (government and non-government) during the time frame used.⁴⁹ Typical plans that require monthly, quarterly or annual computations include but are not limited to: health/medical insurance, disability insurance, life insurance, vacation, holiday, sick leave and defined benefit or contribution pension plans that do not provide for immediate participation and immediate or essentially immediate vesting.
 2. **Fringe Benefit Credit not Requiring Monthly, Quarterly or Annual Computation Methods.** A defined benefit or contribution pension plan that allows for a higher hourly rate of contribution for government work (prevailing wage) than non-government (non-prevailing wage) will be fully credited only if the plan provides for immediate participation and immediate or essentially immediate vesting.
- E. **Wages In Lieu of Fringe Benefits.** A Contractor that does not provide full Fringe Benefits must compensate a Worker the difference between the Total Prevailing Wage Rate and the rate actually paid for the appropriate labor classification(s). The compensation paid is considered wages and subject to tax liabilities.
1. **Overtime.** The cash equivalent (wages paid) made in lieu of Fringe Benefits is excluded from the overtime calculation requirement, unless the cash equivalent (wages paid) is part of the Worker's standard straight time wage.
- F. **Administrative Costs Not Creditable.** Administrative expenses incurred by a Contractor in connection with the administration of a Bona Fide Fringe Benefit plan are not creditable towards the Total Prevailing Wage Rate.
- G. **Federal, State & Local Fringe Benefit Credit Prohibited.** No credit is allowed for benefits required by federal, state or local law, such as: worker's compensation, unemployment compensation, and social security contributions.⁵⁰

IX. OVERTIME

- A. **Overtime after 8 Hours per Day or 40 Hours per Week.** A Contractor must not permit or require a Worker to work longer than the prevailing hours of labor unless the Worker is paid for all hours in excess of the prevailing hours at a rate of at least 1.5 times the hourly basic rate of pay.⁵¹ The prevailing hours of labor is defined as not more than 8 hours per day and more than 40 hours per week.⁵²

⁴⁷ 29 CRF, Part 5.5(a)(1)(i)

⁴⁸ Government and non-government Work

⁴⁹ Refer to Appendix B

⁵⁰ Minn. Stat. 177.42, Subdivision 6

⁵¹ Minn. Stat. 177.44, Subdivision 1 and Refer to Appendix D

⁵² Minn. Stat. 177.42, Subdivision 4

- B. **Wages in Lieu of Fringe Benefits Overtime.** Wages paid in Lieu of Fringe Benefits must be paid for all hours worked under the contract.
- C. **Multiple Labor Classifications and Overtime.** A Worker employed in multiple labor classifications throughout a workweek must be compensated at the applicable labor classification overtime rate in effect during the hours worked in excess of 8 hours per day or 40 hours per week.
- D. **Federal Fair Labor Standards Act (FLSA) and Overtime.** A Contractor subject to the FLSA may be subject to additional overtime compensation requirements.

X. PAYROLLS AND STATEMENTS

- A. **Reporting.** Each Contractor that is performing Work must submit a CPR(s) to the Department.
 - 1. **Payroll Report (Paper).** Each Contractor performing Work must submit a paper (written) payroll report to the Department. The payroll report is available on the MnDOT LCU website.⁵³
 - 2. **Statement of Compliance (Paper).** Each Contractor's paper (written) payroll report must include a paper (written) "Statement of Compliance Form". The "Statement of Compliance Form" must: (1) state whether or not Fringe Benefits are provided to a Worker; (2) provide a description of each benefit, the hourly contribution made on behalf of each Worker, along with fund/plan information; and (3) a signature attesting that the payroll and Fringe Benefit information provided is truthful and accurate.⁵⁴
 - 3. **Electronic Reporting.** If the Contract is subject to electronic reporting, each Contractor performing Work must submit a CPR(s) using the AASHTOWare, Civil Rights Labor (CRL) system. Refer to the **Special Provisions Division S – "Electronic Submission of Payrolls and Statements"** which is incorporated into and found elsewhere in the Contract for detailed requirements.
- B. **Biweekly Payroll Reporting and Payment of Wages.** A CPR(s) must be submitted no later than 14 calendar days after the end of each Contractor's pay period⁵⁵ to the Department. A Contractor must pay its employees at least once every 14 calendar days.⁵⁶
- C. **Payroll Report Data.** Each payroll report must include all Workers that performed Work and provide at a minimum the following information:⁵⁷
 - 1. Contractor's name, address, and telephone number.
 - 2. State project number.
 - 3. Contract number (if applicable).
 - 4. Project number.
 - 5. Payroll report number.
 - 6. Project location.
 - 7. Workweek end date.
 - 8. Each Worker's name, home address, and social security number.⁵⁸
 - 9. Labor classification(s) title(s) and optional three-digit code for each Worker.

⁵³ www.dot.state.mn.us/const/labor/certifiedpayroll.html

⁵⁴ Minn. R. 5200.1106, Subpart 10

⁵⁵ Minn. Stat. 177.43, Subdivision 3

⁵⁶ Minn. Stat. 177.30 (a)(4)

⁵⁷ Minn. Stat. 177.30 (a)(1-4) and Minn. R. 5200.1106, Subpart 10

⁵⁸ Minn. R. 5200.1106, Subpart 10A & Minn. Stat. 13.355, Subdivision 1

10. Hours worked daily and weekly in each labor classification, including overtime hours, for each Worker.
11. Wage rate paid to each Worker for straight time and overtime.
12. Authorized legal deductions for each Worker.
13. Project gross amount, weekly gross amount, and net wages paid to each Worker.

- D. **Prime Contractor to Ensure Compliance.** The Prime Contractor must review the CPR(s) submitted by each lower tier Contractor and sign the "Statement of Compliance Form".⁵⁹ The Prime Contractor must ensure that each lower tier Contractor's CPR(s) include all Workers that performed Work and accurately reflect labor classifications, hours worked, regular and overtime rates of pay, gross earnings for the project and Fringe Benefits.⁶⁰
- E. **Retention of CPR(s).** The Prime Contractor must keep its written CPR(s), including those of all lower tier Contractors, for three (3) years after the final payment is issued.⁶¹
- F. **Retention of Employment-Related Records.** Each Contractor must keep employee records, including, but not limited to: Fringe Benefit statements, time cards, payroll ledgers, check registers and canceled checks⁶² for at least three (3) years after the final payment is issued.⁶³ Other laws may have longer retention requirements.
- G. **Detailed Earning Statement.** At the end of each pay period, each Contractor must provide every Worker, in writing or by electronic means, an accurate, detailed earnings statement.⁶⁴
- H. **Reports and Records Request.** Upon a request from the Department, the Prime Contractor must promptly furnish copies of CPR(s) for its Workers and those of all lower tier Contractors, along with employment-related records, documents, and agreements that the Department considers necessary to determine compliance.⁶⁵

XI. APPRENTICES, TRAINEES AND HELPERS

- A. **Apprentice.** An Apprentice will be permitted to Work at less than the prevailing basic hourly rate only if the Apprentice is:
 1. Registered with the U.S. Department of Labor (DOL), Bureau of Apprenticeship and Training or MnDLI Division of Voluntary Apprenticeship.⁶⁶
 2. Performing Work of the trade, as described in the apprenticeship agreement.
 3. Compensated according to the rate specified in the program for the level of progress.⁶⁷
 4. Supervised by a Journeyworker from the same company, in accordance with the program ratio requirements.⁶⁸
- B. **Ratio Requirement.** If an approved apprenticeship program fails to define a ratio allowance, the first Apprentice must be supervised by a Journeyworker within the same trade or occupation. Any subsequent Apprentice must be supervised by an additional three Journeyworkers.⁶⁹

⁵⁹ MnDOT Standard Specifications for Construction, Section 1701

⁶⁰ MnDOT Standard Specifications for Construction, Section 1801

⁶¹ Minn. Stat. 177.30 (a)(5)

⁶² Minn. R. 5200.1106, Subpart 10

⁶³ Minn. Stat. 177.30 (a)(5)

⁶⁴ Minn. Stat. 181.032

⁶⁵ Minn. Stat. 177.44, Subdivision 7; Minn. Stat. 177.33(a)(5)

⁶⁶ Minn. R. 5200.1070, Subpart 1

⁶⁷ Minn. R. 5200.1070, Subpart 1 and Refer to Appendix C

⁶⁸ Minn. Stat. 178.036, Subdivision 5

⁶⁹ Minn. Stat. 178.036, Subdivision 5

- C. **Failure to Comply with Apprenticeship Requirements.** If a Contractor fails to demonstrate compliance with the terms established in this section, the Contractor must compensate the Apprentice not less than the applicable Total Prevailing Wage Rate for the actual classification of labor performed.⁷⁰
- D. **Trainee and Helper.** A trainee or helper is not exempt from prevailing wage under state law. The Contractor must assign the trainee or helper a labor classification that is the "same or most similar"⁷¹ and compensate the trainee or helper for the actual Work performed regardless of the trainee's or helper's skill level.

XII. INDEPENDENT CONTRACTORS, OWNERS, SUPERVISORS, AND FOREMAN

- A. **Independent Contractor.** An independent contractor (IC) that is not an Independent Truck Owner/Operator (ITO), who is performing Work must be properly classified and compensated.⁷² The IC must submit a CPR(s) to the Department. If the IC does not receive an hourly wage, but instead a weekly, biweekly, monthly or quarterly distribution for performance, the IC must calculate its hourly rate of pay by dividing the weekly, biweekly, monthly, or quarterly company distribution by all hours worked during that time frame and report the information on a CPR. If necessary, the Department may request documentation from the IC to determine how the hourly wage rate was calculated.⁷³
- B. **Owners, Supervisors and Foreman.** An owner, supervisor, or foreman performing Work is subject to prevailing wage and must be properly classified, compensated and reported.⁷⁴

XIII. TRUCKING

- A. **Covered Hauling Activities.** A Contractor must ensure that all Workers, including hired Trucking Brokers, MTOs and ITOs are paid the applicable Total Prevailing Wage Rate or truck rental rate for the following Work:
1. The hauling of any or all stockpiled or excavated materials on the project work site to other locations on the same project even if the truck leaves the work site at some point.⁷⁵
 2. The delivery of materials from a non-commercial establishment to the project and the return haul to the starting location either empty or loaded.⁷⁶
 3. The delivery of materials from another construction project site to the public works project and the return haul, either empty or loaded. Construction projects are not considered commercial establishments.⁷⁷
 4. The hauling required to remove any materials from the project to a location off the project site and the return haul, either empty or loaded from other than a commercial establishment.⁷⁸
 5. The delivery of materials or products by trucks hired by a Contractor, subcontractor, or agent thereof, from a commercial establishment.⁷⁹
 6. The delivery of sand, gravel, or rock, by or for a commercial establishment, which is deposited "substantially in place," either directly or through spreaders from the transporting vehicles is work under the contract. In addition, the return haul to the off-site facility empty or loaded is also considered work under the contract.⁸⁰

⁷⁰ Minn. R. 5200.1070, Subpart 3

⁷¹ Minn. Stat. 177.44, Subdivision 1

⁷² Minn. Stat. 177.44, Subdivision 1

⁷³ Minn. Stat. 177.30(a)(5); Minn. Stat. 181.723

⁷⁴ Minn. Stat. 177.44, Subdivision 1

⁷⁵ Minn. R. 5200.1106, Subpart 3B(1)

⁷⁶ Minn. R. 5200.1106, Subpart 3B(2)

⁷⁷ Minn. R. 5200.1106, Subpart 3B(3)

⁷⁸ Minn. R. 5200.1106, Subpart 3B(4)

⁷⁹ Minn. R. 5200.1106, Subpart 3B(5)

⁸⁰ Minn. R. 5200.1106, Subpart 3B(6)

- B. **Hauling Activities Not Subject to Prevailing Wage or Truck Rental Rates.** A Contractor may exclude a Worker, including hired Trucking Brokers, MTOs and ITOs from prevailing wage or truck rental rates for the Work described in (1-2) of this section. However, this Work may be considered hours worked and subject to standard compensation pursuant to the Minnesota Fair Labor Standards Act.
1. The delivery of processed or manufactured goods to a public works project by the employees of a commercial establishment including truck owner-operators hired by and paid by the commercial establishment, unless it is the delivery of mineral aggregate that is incorporated into the work under the contract by depositing the material substantially in place.⁸¹
 2. The delivery of oil offsite, as an example, to a Prime Contractor's permanent (commercial) asphalt mixing facility that is not to, from, or on the project Work site.⁸²
- C. **Repair, Maintenance & Waiting to Load Time.** An ITO and MTO must be paid the truck rental rate for time spent repairing or maintaining the truck owner-operator's equipment, and for waiting to load or unload if the repair, maintenance, or wait time is the fault of the Trucking Broker, Contractor, its agent or employees.⁸³
- D. **Month End Trucking Report.** A Contractor that acquires the services of an ITO or MTO must submit a "MnDOT – MTO and/or ITO Month-End Trucking Report", and a "MnDOT – Month-End Trucking Statement of Compliance Form" to the Department for each month hauling activities are performed under the Contract.⁸⁴ The forms are available on the MnDOT LCU website.⁸⁵
- E. **Broker Fee.** A truck broker contracting to provide trucking services directly to a prime contractor or subcontractor is allowed to assess a broker fee.

XIV. OFF-SITE FACILITIES

- A. **Off-Site Facility Activities Subject to Prevailing Wage.** A Contractor must ensure that all Workers performing Work at a covered off-site facility are paid the applicable Total Prevailing Wage Rate for the following Work:
1. The processing or manufacturing of material at a Prime Contractor's off-site facility that is not a separately held commercial establishment.⁸⁶
 2. The processing or manufacturing of material at an off-site facility that is not considered a commercial establishment.⁸⁷
- B. **Off-Site Facility Activities Not Subject to Prevailing Wage.** A Contractor may exclude a Worker from prevailing wage for the following work:
1. The processing or manufacturing of material or products by or for a commercial establishment.⁸⁸
 2. The work performed by Workers employed by the owner or lessee of a gravel or borrow pit that is a commercial establishment, even if the screening, washing or crushing machines are portable.⁸⁹

XV. SUBCONTRACTING PART OF THE CONTRACT

⁸¹ Minn. R. 5200.1106, Subpart 4(C)

⁸² J.D. Donovan, Inc. vs. Minnesota Department of Transportation, 878 N.W.2d 1 (2016)

⁸³ Minn. R. 5200.1106, Subpart 8(A)(1)

⁸⁴ Minn. R. 5200.1106, Subpart 10

⁸⁵ <http://www.dot.state.mn.us/const/labor/forms.html>

⁸⁶ ALJ Findings of Fact, Conclusions of Law, and Recommendation, Conclusions (7), Case #12-3000-11993-2

⁸⁷ Minn. R. 5200.1106, Subpart 3(A)

⁸⁸ Minn. R. 5200.1106, Subpart 4(A)

⁸⁹ Minn. R. 5200.1106, Subpart 4(B)

The Prime Contractor must include the Contract Special Provisions, Wage Decision(s) and Truck Rental Rate Schedule in all Subcontracts, agreements and purchase orders with lower tier Contractors.⁹⁰ This requirement also applies to all lower tier subcontractors.

XVI. SITE OF WORK REQUIREMENTS

- A. **Poster Board.** The Prime Contractor must construct and display a poster board containing all required posters. The poster board must be accurate, legible, and accessible to all project Workers from the first day of Work until the project is one hundred percent (100%) complete.⁹¹ A poster board at an off-site location, or inside a construction trailer, does not meet this requirement.
- B. **How to Obtain a Poster Board.** The Prime Contractor may obtain the required posters and the necessary contact information that is required to be inserted on each poster by visiting the MnDOT LCU website.⁹²
- C. **Employee Interviews.** The Contractor must permit representatives from the Department or other governmental entities⁹³ to interview Workers at any time during working hours on the project.⁹⁴

XVII. CHILD LABOR

- A. **No Worker under the Age of 18.** No Worker under the age of 18 is allowed to perform Work on a Project Site, except pursuant to Section XVII B below.⁹⁵
- B. **Parental Supervision.** A Worker under the age of 18 may perform Work on a Project Site if all of the following criteria are met:
 1. The Contractor (Employer) is not subject to FLSA.
 2. The Worker is employed in a corporation owned solely by one or both parents.
 3. The Worker is supervised by the parent(s).
 4. The Worker is not working in a hazardous occupation.⁹⁶
- C. **Removal of Minor from Project.** The Engineer or inspector may remove a Worker that appears to be under the age of 18 from the Project Site until the Contractor or Worker can demonstrate proof of age and compliance with all applicable federal and state regulations.⁹⁷

XVIII. NON-COMPLIANCE AND ENFORCEMENT

- A. **Case-by-Case Enforcement.** The Department has the authority to enforce the prevailing wage law on a case-by-case.⁹⁸
- B. **Prime Contractor Responsible for Unpaid Wages.** The Prime Contractor will be held liable for any unpaid wages to its Workers or those of any lower tier Contractor.⁹⁹
- C. **Enforcement Options.** If evidence shows that a Contractor has violated prevailing wage requirements, or these Special Provisions, the Department may, after written notice, implement one or more of the following:

⁹⁰ MnDOT Standard Specifications for Construction, Section 1801

⁹¹ Minn. Stat. 177.44, Subdivision 5

⁹² www.dot.state.mn.us/const/labor/posterboards

⁹³ MnDOT, U.S. DOL., U.S. Department of Transportation, Federal Highways Administration

⁹⁴ MnDOT Standard Specifications for Construction, Section 1511

⁹⁵ Minn. R. 5200.0910, Subpart F; 29 CFR Part 570.2(a)(ii)

⁹⁶ Minn. R. 5200.0930, Subpart 4

⁹⁷ Minn. Stat. 181A.06, Subdivision 4; MnDOT Standard Specifications for Construction, Section 1701

⁹⁸ See International Union of Operating Engineers, Local 49 v. MnDOT, No. C6-97-1582, 1998 WL 74281, at *2 (Minn. App. Feb. 24, 1998)

⁹⁹ MnDOT Standard Specifications for Construction, Section 1801

1. **Withholding Payment.** The Department may withhold from the Prime Contractor payments relating to prevailing wage underpayments.¹⁰⁰
2. **Non-Responsible Contractor.** The Department may reject a bid from a Prime Contractor that has received two (2) or more Determination Letters within a three (3) year period from the Department finding an underpayment by the Contractor to its own employees.¹⁰¹
3. **Default.** The Department may take the prosecution of the Work out of the hands of the Prime Contractor, place the Contractor in default, and terminate the Contract for failure to comply.¹⁰²
4. **Suspension or Debarment.** The Department may refer violations and matters of non-compliance by a Contractor to the Minnesota Department of Administration for suspension or debarment proceedings.¹⁰³
5. **County Attorney.** The Department may refer suspected criminal violations by Contractor to the appropriate local county attorney for prosecution.¹⁰⁴
6. **Financial Penalties.** Any Contractor who violates the state prevailing wage law is guilty of a misdemeanor and may be fined not more than \$300 or imprisoned not more than 90 days or both. Each day that the violation continues is a separate offense.¹⁰⁵ A Contractor may be fined up to \$1,000 for each failure to maintain records.¹⁰⁶
7. **False Claims Act Violation.** All required payroll and certification reports are legal documents; knowing falsification of the documents by a Contractor may result in civil action and/or criminal prosecution¹⁰⁷ and may be grounds for debarment proceedings.¹⁰⁸
8. **Compliance Order.** The Department may request that MnDLI issue a compliance order to a Contractor for violations of the state prevailing wage law. If the Contractor is found to have committed a violation, liquidated damages and other costs may be assessed against the Employer.¹⁰⁹
9. **Private Right of Action.** The Department may direct an employee to pursue a civil action in district court against its Employer for failure to comply with the proper payment of wages.¹¹⁰ If the Employer is found to have committed a violation, liquidated damages and other costs may be assessed against the Employer.¹¹¹
10. **Fringe Benefits; Misdemeanor.** A Contractor that is obligated to deposit Fringe Benefit contributions on behalf of a Worker into a financially responsible trustee, third person, fund, plan, or program and fails to make timely contributions is guilty of a gross misdemeanor or other violations under federal law.¹¹²

¹⁰⁰ MnDOT Standard Specifications for Construction, Section 1906

¹⁰¹ Minn. Stat. 16C.285

¹⁰² MnDOT Standard Specifications for Construction, Section 1808

¹⁰³ Minn. R. 1230.1150, Subpart 2(A)(4)

¹⁰⁴ Minn. Stat. 177.44, Subdivision 7

¹⁰⁵ Minn. Stat. 177.44, Subdivision 6

¹⁰⁶ Minn. Stat. 177.30(b)

¹⁰⁷ Minn. Stat. 15C.02; , Minn. Stat. 161.315; Minn. Stat. 177.32; Minn. Stat. 177.43, Subdivision 5, Minn. Stat. 609.63

¹⁰⁸ Minn. Stat. 161.315 and Minn. Stat. 609.63

¹⁰⁹ Minn. Stat. 177.43, Subdivision 6a

¹¹⁰ Minn. Stat. 177.27, Subdivision 8

¹¹¹ Minn. Stat. 177.27, Subdivision 10

¹¹² Minn. Stat. 181.74, Subdivision 1

**THE FOLLOWING APPENDICES ARE FOR
EXPLANATORY PURPOSES ONLY.
FOR SPECIFIC QUESTIONS, PLEASE CONTACT LCU.¹¹³**

APPENDIX A**SALARIED WORKER WAGE COMPUTATION**

Salaried Workers. In order to convert the Worker's salary into an hourly rate of pay, divide the employee's weekly, bi-weekly or monthly earnings by the total number of hours Worked (government and non-government), including overtime hours for the time period used.¹¹⁴

$$\text{\$800.00 (weekly salary) / 40 (total weekly hours) = \$20.00}$$

$$\text{\$1,600.00 (bi-weekly salary) / 80 (total bi-weekly hours) = \$20.00}$$

$$\text{\$3,200.00 (monthly salary) / 160 (total monthly hours) = \$20.00}$$

APPENDIX B**FRINGE BENEFIT CREDIT**

Fringe Benefit Credit Calculation. The Employer contributes monthly (\$600.00) for medical insurance on behalf of a Worker. In order to calculate the projected hourly credit that the Employer can take, the Employer should: (1) add the monthly contributions for each Worker, (2) multiply by twelve (12) months, and (3) divide the total cost of the benefit by the total hours worked (government and non-government)¹¹⁵ (see annual example below). Quarterly and monthly examples are also provided.

Annual: $(\$600.00) \times (12 \text{ months}) = \$7,200.00$
 $(\$7,200.00) / (2080 \text{ hours}) = \underline{\underline{\$3.46 \text{ per hour credit}}}$

Quarterly: $(\$600.00) \times (3 \text{ months}) = \$1,800.00$
 $(\$1,800.00) / (520 \text{ hours}) = \underline{\underline{\$3.46 \text{ per hour credit}}}$

Monthly: $(\$600.00) \times (1 \text{ month}) = \600.00
 $(\$600.00) / (173 \text{ hours}) = \underline{\underline{\$3.47 \text{ per hour credit}}}$

End of Year Self-Audit. At the end of the calendar year, the Contractor must conduct an audit to determine if the hourly fringe benefit credit taken for each Worker was accurate. The Contractor must calculate the total annual fringe benefits paid on behalf of each Worker and divide that amount by the total number of hours worked (government and non-government) by that Worker. If the hourly fringe benefit credit was less than what was reported on a CPR, the contractor must compensate the Worker the hourly difference, multiplied by the total hours worked under the Contract.

APPENDIX C**APPRENTICE RATE OF PAY**

State Requirements. The Apprentice must be compensated according his/her level of progress, which is expressed as a percentage of the Journeyworker wage that is established in the program.

$$\text{Journeyworker Wage Established in Program} = \$25.00$$

$$\underline{\text{Apprentice Level of Progress} = 60\%}$$

$$(\$25.00) \times (.60) = \$15.00$$

¹¹³ lcu-support.dot@state.mn.us or (651) 366-4238

¹¹⁴ United States Department of Labor Field Operation Handbook, Section 15f08

¹¹⁵ United States Department of Labor Field Operation Handbook, Section 15f12

APPENDIX D**PREVAILING WAGE OVERTIME CALCULATION**

Overtime Hourly Rate of Pay. Here is the formula to calculate the required minimum overtime.¹¹⁶

$$OT = (PW * .5) + (HW) + (RF) + (F)$$

Definition of OT Acronyms

OT: overtime.

PW: the basic hourly prevailing wage rate established in a federal and/or state prevailing Wage Decision.

HW: hourly wage rate paid to a Worker.

RF: remaining fringe, which means the difference between the Contract hourly Fringe Benefit rate and the actual hourly Fringe Benefit rate paid by the Contractor to a third party on behalf of a Worker.

F: Fringe Benefit contributions that are bona-fide and contributed by an Employer to a third party on behalf of a Worker.

The Total Prevailing Wage Rate for a Worker is \$30.00, which is comprised of an hourly basic rate of \$20.00 and an hourly fringe rate of \$10.00. The table below includes various hourly basic and Fringe Benefit payments that a Contractor could potentially make to a Worker.

OT CALCULATION FORMULA AND EXAMPLES				
$OT = (PW * .5) + (HW) + (RF) + (F)$				
Hourly Wage Paid	Fringe Benefits Paid	<u>Payment To Employee</u> $(PW * .5) + (HW) + (RF)$	<u>Fringe Payment</u> + (F)	<u>Total Payment</u> = OT
\$ 20.00	\$ 10.00	$(\$ 20.00 * .5) + (\$ 20.00) + (\$ 0.00) = \$ 30.00$	+ \$ 10.00	= \$ 40.00
\$ 18.00	\$ 12.00	$(\$ 20.00 * .5) + (\$ 18.00) + (\$ 0.00) = \$ 28.00$	+ \$ 12.00	= \$ 40.00
\$ 22.00	\$ 8.00	$(\$ 20.00 * .5) + (\$ 22.00) + (\$ 0.00) = \$ 32.00$	+ \$ 8.00	= \$ 40.00
\$ 30.00	\$ 0.00	$(\$ 20.00 * .5) + (\$ 30.00) + (\$ 0.00) = \$ 40.00$	+ \$ 0.00	= \$ 40.00
\$ 24.00	\$ 4.00	$(\$ 20.00 * .5) + (\$ 24.00) + (\$ 2.00) = \$ 36.00$	+ \$ 4.00	= \$ 40.00

Regarding the last example the Contractor would be required to pay an additional \$2.00 to the Worker, which is wages in lieu of fringe for a straight time hourly rate of \$26.00 not \$24.00.

A Contractor subject to the Fair Labor Standards Act (FLSA) may be subject to additional overtime compensation requirements.

¹¹⁶ United States Department of Labor Field Operation Handbook, Section 15k

DIVISION B

GENERAL CONDITIONS

I. CONTRACT DURATION

This Contract shall be in effect from the date of execution by all parties or from the commencement of services hereunder, whichever is first, and shall continue in effect until all services provided by Contractor pursuant to this Contract are satisfactorily completed and final payment is made unless earlier terminated by law or according to the provisions herein.

II. COMPLIANCE WITH LAWS AND STANDARDS

General. Contractor shall abide by all Federal, State, or local laws, statutes, ordinances, rules and regulations now in effect or hereinafter adopted pertaining to this Contract or to the facilities, programs and staff for which Contractor is responsible.

Licenses. Contractor shall procure, at its own expense, all licenses, permits or other rights required for the provision of services contemplated by this Contract. Contractor shall inform the County of any changes in the above within five (5) days of occurrence.

Specific. The parties specifically acknowledge and agree to meet all applicable minimum requirements and standards expressed in Division A through BP of this Contract.

Financial Participation. In the event that there is a revision of State or Federal law or regulations which makes this Contract or any portion thereof ineligible for State or Federal financial participation, all parties agree to review the Contract and renegotiate those items necessary to bring it into compliance with the new State or Federal regulations. Refusal to renegotiate within seven (7) days of a request in order to bring the Contract into compliance shall be cause for termination of the Contract as of the date it becomes ineligible for State or Federal financial participation.

Revision of Laws. In the event that there is a revision of Federal, State, or local statutes, rules or other law, which might make services provided under the terms of this Contract or any portion thereof unlawful, all parties will review the Contract and renegotiate those items necessary to bring the Contract into compliance with the new law. Refusal to renegotiate within seven (7) days of a request, so as to bring this Contract into compliance with the new law immediately (or within a reasonable time if immediate compliance is not possible) shall be cause for termination of this Contract as of the date when the Contract is out of compliance.

Violations. Any violation of Federal, State, or local laws, statutes, ordinances, rules, or regulations as well as loss of any applicable license or certification by Contractor shall constitute a material breach of this Contract, whether or not intentional, and shall entitle the County to terminate this Contract upon delivery of written notice of termination to Contractor. Notwithstanding any other provision of this Contract, such termination shall be effective as of the date of such violation, failure or loss.

Minnesota Law to Govern. This Contract shall be governed by and construed in accordance with the substantive and procedural laws of the State of Minnesota, without giving effect to the principles of conflict of laws. All proceedings related to this Contract shall be venued in the State of Minnesota, County of Redwood.

III. STANDARD ASSURANCES

Non-Discrimination. During the performance of this Contract, the Contractor shall not unlawfully discriminate against any employee or applicant for employment because of race, color, creed, religion, sex, national origin, disability, age, marital status or public assistance status. No funds received under this Contract shall be used to provide religious or sectarian training or services. The Contractor shall comply with any federal or state law regarding non-discrimination.

Data Privacy. For purposes of this Contract all data collected, created, received, maintained or disseminated shall be governed by the Minnesota Government Data Practices Act, Minn. Stat. CH 13 and the Minnesota Rules implementing the Act now in force or hereafter adopted, as well as federal laws on data privacy. The Contractor shall strictly comply with these statutes and rules. All subcontracts shall contain the same or similar data practices compliance requirements.

Records Disclosure and Retention. Contractor's bonds, records, documents, papers, accounting procedures and practices, and other evidences relevant to this Contract are subject to the examination, duplication, transcription and audit by the Agency and either the Legislative or State Auditor, pursuant to Minn. Stat. 16B.06, subd. 4. Such evidences are also subject to review by the Comptroller General of the United States, or a duly authorized representative, if federal funds are used for any work under this Contract. The Contractor agrees to maintain such evidences for a period of five (5) years from the date services or payment were last provided or made or longer if any audit in progress requires a longer retention period.

Worker Health, Safety and Training. Contractor shall be solely responsible for the health and safety of its employees in connection with the work performed under this Contract. Contractor shall make arrangements to ensure the health and safety of all subcontractors and other persons who may perform work in connection with this Contract. Contractor shall ensure that all personnel of Contractor and subcontractors are properly trained and supervised and, when applicable, duly licensed or certified appropriate to the tasks the personnel are engaged in under this Contract. Contractor shall comply with the "Occupational Safety and Health Act" and the "Employee Right to Know Act", Minn. Stat. § 182.65, et.seq., where applicable.

IV. BONDS

See Standard Specification for Construction, 2020 Edition, Specification 1305, for requirements.

V. INDEPENDENT CONTRACTOR STATUS

Contractor is to be and shall remain an independent contractor with respect to any and all work performed under this Contract. Contractor acknowledges and agrees that Contractor is not entitled to receive any of the benefits received by Redwood County employees and is not eligible for workers' or unemployment compensation benefits under the Redwood County.

VI. INDEMNIFICATION

Any and all claims that arise or may arise against Contractor, its agents, servants or employees as a consequence of any act or omission on the part of Contractor or its agents, servants or employees while engaged in the performance of the Contract shall in no way be the responsibility or obligation of the County. Contractor shall indemnify, hold harmless and defend the County, its officers and employees against any and all liability, loss, costs, damages, expenses, claims or actions, including attorney's fees which the County, its officers or employees may hereinafter sustain, incur or be required to pay, arising out of or by reason of any act or omission of the Contractor, its agents, servants or employees, in the execution, performance or failure to adequately perform Contractor's obligations pursuant to this Contract. This indemnification obligation shall not be limited in any way by the insurance coverages required under this Contract. Nothing in this Contract shall constitute a waiver by the County of any statute of limitations or exceptions on liability.

VII. INSURANCE

Contractor shall procure and maintain for the duration of the Contract, insurance coverage for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by Contractor.

1. Minimum Scope of Insurance: Coverage shall be at least as broad as follows:

a. General Liability coverage (occurrence form CG 00 01 or a substitute form providing equivalent coverage), shall cover liability arising from premises, operations, independent contractors, products, completed operations, personal injury, advertising, and liability assumed under an insured contract (including the tort liability of another assumed in a business contract) and have exclusions for explosion, collapse, and underground hazards removed. County **must be named as additional insured**. An excess or umbrella liability policy may be used in conjunction with primary coverages to meet the minimum limit requirements. County must also be named as additional insured on the excess or umbrella policy.

b. Automobile Liability coverage shall be written on ISO form CA 00 01, CA 00 05, CA 00 12, CA 00 20, or substitute for providing equivalent liability coverage. Such insurance shall cover liability arising out of any auto (including owned, hired, and non-owned autos). County **must be named as additional insured**. An excess or umbrella liability policy may be used in conjunction with primary coverages to meet the minimum limit requirements. County must also be named as additional insured on the excess or umbrella policy.

c. Workers' Compensation as required by the State of Minnesota, and Employer's Liability insurance. If Contractor's employment is an excluded employment under Minn. Stat. § 176.041 and Contractor elects not to purchase workers' compensation coverage, Contractor shall provide County with a written waiver of workers' compensation coverage in a form acceptable to County. Contractor agrees that under no circumstances shall County be responsible for workers' compensation for injuries suffered in connection with this Agreement.

2. Minimum Limits of Insurance: Contractor shall maintain **NO LESS THAN** the following limits of insurance:

- a. General Liability Insurance, and if necessary, Umbrella Liability:
 - \$1,500,000 per occurrence
 - \$3,000,000 annual aggregate
 - \$3,000,000 products and completed operations aggregate
 - b. Business Automobile Liability and if necessary, Umbrella Liability:
 - \$1,500,000 per occurrence
 - \$3,000,000 aggregate
 - c. Worker's Compensation:
 - as required by the State of Minnesota
 - d. Employer's liability coverage with minimum limits of:
 - Bodily injury by accident: \$500,000 each employee
 - Bodily injury by accident: \$1,500,000 each incident
 - Bodily injury by disease: \$500,000 each employee
 - Bodily injury by disease: \$1,500,000 policy limit
 - f. Professional/Technical Liability or Errors and Omissions:
 - \$2,000,000 per occurrence – Errors & Omissions
 - \$2,000,000 per occurrence – Bond (conduct by employee constituting malfeasance, willful neglect of duty or bad faith)
 - \$4,000,000 annual aggregate
3. Deductibles and Self-Insurance:
- a. Any deductibles will be the sole responsibility of Contractor and may not exceed \$50,000 without the written consent of County. Any request for a higher deductible must first be approved by County after Contractor provides County with financial documentation sufficient for County to determine whether Contractor has the financial resources to cover the requested deductible.
4. Additional Insurance Conditions:
- a. Contractor's insurance shall apply as primary insurance with respect to any other insurance or self-insurance program maintained by County. County's insurance or self-insurance program shall be excess of Contractor's insurance and shall not contribute to it.
 - b. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to County or its officers, officials, employees or volunteers.
 - c. Contractor must obtain insurance policies from insurance companies having an "AM BEST" rating of A:VII or better and authorized to do business in the State of Minnesota.
5. Verification of Coverage:
- a. Contractor shall provide County with certificates of insurance and original endorsements showing that Contractor has each type of insurance coverage and limits required under this Contract. The successful bidder will be required to submit with his bond a certificate of insurance for Worker's Compensation,

General Liability and Auto Liability. A Certificate of Insurance for each policy must be on file with County within 10 days of execution of this Contract and prior to commencement of any work under this Contract. Each certificate must include a 10-day notice of cancellation, nonrenewal, or material change to all named and additional insureds. If insurance expires during the term of this Agreement a new Certificate of Insurance must be provided to County at least 10 days prior to the expiration date. The new insurance must meet all the same terms as outlined in this Section VII. The County may withhold payments due under this Agreement if Contractor fails to furnish proof of insurance coverage or to comply with the insurance requirements herein. In addition, the County reserves the right to rescind any contract not in compliance with these requirements and retains all rights thereafter to pursue any legal remedies against Contractor. All subcontractors shall provide evidence of similar coverage.

VIII. SUBCONTRACTING/ASSIGNMENT

Contractor shall not enter into any subcontract for performance of any services contemplated under this Contract nor assign any interest in the Contract without the prior written approval of the County and subject to such conditions and provisions as the County may deem necessary. The Contractor shall be responsible for the performance of all subcontractors.

IX. DEFAULT

If Contractor fails to perform any of the provisions of this Contract or so fails to administer the work as to endanger the performance of this Contract, this shall constitute default. Unless otherwise provided, no event shall constitute a default giving rise to the right to terminate unless and until written Notice of Default is given to the defaulting party, specifying the particular event, series of events or failure constituting the default and the cure period. If the party in default fails to cure the specified circumstances as described by the Notice of Default within ten (10) days or such other time as may be specified under the terms of this Contract, then this Contract may be terminated by written notice.

Inability to Perform. Contractor shall make every reasonable effort to maintain staff, facilities and equipment to deliver the services to be purchased by the County. Contractor shall immediately notify the County in writing whenever it is unable to, or reasonably believes it is going to be unable to, provide the agreed upon quality and quantity of services. Upon such notification, the County shall determine whether such inability requires a modification or cancellation of this Contract.

Failure to Perform. The County may, by written notice to Contractor, immediately terminate this Contract in any of the following circumstances: failure to deliver, failure to meet specifications, failure to correct deficiencies within seventy-two (72) hours of notice, failure to provide performance bond, failure to obtain and maintain insurance coverage.

Default by Contractor. Unless excused by County default or the occurrence of an uncontrollable circumstance or County written waiver of default, each of the following shall constitute default on the part of the Contractor:

- a. The written admission by the Contractor that it is bankrupt; or filing by the

Contractor of a voluntary petition under the Federal Bankruptcy Act; or the filing of an involuntary petition under the Federal Bankruptcy Act against the Contractor unless dismissed within ninety (90) days. The Notice of Default and cure provisions of this Contract do not apply to this paragraph;

- b. The making of any arrangement with or for the benefit of Contractor's creditors involving an assignment to a trustee, receiver or similar fiduciary. The Notice of Default and cure provisions of this Contract do not apply to this paragraph;
- c. Making material misrepresentations either in the attached exhibits and documents or in any other provisions or conditions relied upon in the making of this Contract;
- d. A court of competent jurisdiction finds that the Contractor persistently disregards laws, ordinances, rules, regulations, or orders of any public authority having jurisdiction;
- e. Failure to make satisfactory progress towards completion of this Contract; and/or
- f. Failure to perform any other material provision of this Contract.

Written Notice of Default. Unless otherwise provided, no event shall constitute a default giving rise to the right to terminate unless and until written Notice of Default is given to the defaulting party, specifying the particular event, series of events or failure constituting the default and the cure period.

Cure Period. If the party in default fails to cure the specified circumstances as described by the Notice of Default within ten (10) days or such other time as may be specified under the terms of this Contract, then this Contract may be terminated or cancelled.

Withholding Payment. Notwithstanding any other provision of this Contract, the County may, after giving Notice of Default, withhold, without penalty or interest, any payment which becomes due after Notice of Default is given, until the default is excused, waived or cured, or the Contract is terminated.

Preservation of Other Remedies. The rights and remedies of the County provided in this clause shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

County's Right to Cancel. Unless Contractor's default is excused under the provisions of this Contract, the County may, by written Notice of Default to the Contractor, cancel this Contract in any of the following circumstances, and in within a period of ten (10) days (or such longer period as the Redwood County Highway Engineer may authorize in writing) after receipt of notice from the department specifying such failure: (a) if the Contractor fails to provide services called for by this Contract within the time specified herein or any extension thereof; and/or (b) if the Contractor fails to perform any of the other provisions of this Contract, or so fails to prosecute the work as to endanger performance of this Contract in accordance with its terms.

X. TERMINATION

See Standard Specification for Construction, 2020 Edition, Specification 1808 and 1809, for requirements.

XI. CONTRACT RIGHTS AND REMEDIES

All remedies available to either party under the terms of this Contract or by law are cumulative and may be exercised concurrently or separately, and the exercise of any one remedy shall not be deemed an election of such remedy to the exclusion of other remedies.

The waiver of any default by either party, or the failure to give notice of any default shall not constitute a waiver of any subsequent default or be deemed to be a failure to give such notice with respect to any subsequent default.

Waiver of breach of any provision of this Contract shall not be construed to be modification for the terms of this Contract unless stated to be such in writing and signed by authorized representatives of the County and Contractor.

XII. DAMAGES

Unless Contractor's default is excused under the terms of this Contract the County may recover from Contractor such damages as it may have sustained by reason of additional administrative costs, expenses of readvertising and rebidding, and other damages sustained by the County by reason of delay, price changes, loss of other contracts, loss of income, inability of the County to fulfill other contracts, loss of other benefits of this Contract, and any other damages directly or consequently arising out of this Contract or a failure to perform the same by Contractor. Both parties shall use their best efforts to mitigate any damages which might be suffered by reason of any event giving rise to a remedy hereunder.

In the event this Contract is terminated by reason of default, the nondefaulting party may recover the necessary costs of termination, including but not limited to administrative, attorney fees and legal costs, from the defaulting party.

Notwithstanding any other provision of this Contract to the contrary, upon breach of this Contract by Contractor the County may withhold any payment due Contractor for purposes of set-off until such time as the exact amount of damages due is determined.

XIII. REPRESENTATIVES

The following named person is designated the Authorized Representative for Redwood County for the purposes of this Contract. The Contractor will provide a list of Authorized Representatives at the pre-construction meeting for the purposes of this Contract. These persons have authority to bind the party they represent and to consent to modifications and subcontracts, except that, as to the County, the Authorized Representative shall have only the authority specifically or generally granted by the County Board. Notification required to be provided pursuant to this Contract shall be provided to the Authorized Representatives at the addresses provided unless otherwise stated in this Contract, or in a modification of this Contract.

Name: Anthony Sellner, P.E.

Title: Redwood County Highway Engineer

Address: P.O. Box 6
Redwood Falls, MN 56283
Telephone: (507) 637-4056
FAX: (507) 637-1201

XIV. MODIFICATIONS

Any alterations, variations, modifications, or waivers of the provisions of this Contract shall only be valid when they have been reduced to writing, and signed by the authorized representatives of the County and Contractor.

XV. SEVERABILITY

The provisions of this Contract shall be deemed severable. If any part of this Contract is rendered void, invalid, or unenforceable, such rendering shall not affect the validity and enforceability of the remainder of this Contract unless the part or parts which are void, invalid or otherwise unenforceable shall substantially impair the value of the entire Contract with respect to either party.

XVI. MERGER

This Contract is the final expression of the agreement of the parties and the complete and exclusive statute of the terms agreed upon, and shall supersede all prior negotiations, understandings or agreements. There are no representations, warranties, or stipulations, either oral or written, not herein contained.

SPECIAL PROVISIONS
FOR
BRIDGE DECK MILL AND OVERLAYS

CONTRACT NO. 25-3

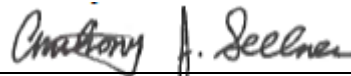
IN
REDWOOD COUNTY, MINNESOTA

CLASS OF WORK
BITUMINOUS MILL & OVERLAY
SPECIFICATIONS WHICH APPLY

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION
“STANDARD SPECIFICATIONS FOR CONSTRUCTION” SHALL GOVERN.

I HEREBY CERTIFY THAT THESE SPECIAL PROVISIONS WERE PREPARED BY ME
OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: April 17, 2025

A handwritten signature in dark ink, appearing to read "Anthony J. Sellner", is written over a horizontal line.

Anthony Sellner, P.E.
Registration No. 54241

**DIVISION S
SPECIAL PROVISIONS
REDWOOD COUNTY BRIDGE DECK MILL AND OVERLAYS**

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S-1 CONTACT INFORMATION

Direct questions about this Project, including pre-bid questions, to the Redwood County highway department at 507-637-4056 or rchd@co.redwood.mn.us.

S-2 BIDDER QUALIFICATION

The contractor will submit a list of completed and/or current projects which demonstrate its qualifications to complete this project within 3 business days of the departments' request. Information submitted will include project name, project location, project amount, and approximate quantities of major bid items.

Failure to submit the requested information at the departments' request may result in disqualification from receiving an award of contract.

S-3 GOVERNING SPECIFICATIONS

The 2020 Edition of the State of Minnesota Department of Transportation "Standard Specifications for Construction" shall govern. References in the Standard Specifications to the "Department" shall be construed to mean "Redwood County."

S-4 RESPONSIBLE CONTRACTOR

The Department cannot award a construction contract in excess of \$50,000 unless the Bidder is a "responsible contractor" as defined in Minnesota Statutes §16C.285, subdivision 3. A Bidder submitting a Proposal for this Project must verify that it meets the minimum criteria specified in that statute by submitting the "Responsible Contractor Verification and Certification of Compliance" form. A company owner or officer must sign the "Responsible Contractor Verification and Certification of Compliance" form under oath verifying compliance with each of the minimum criteria. **THE COMPLETED FORMS MUST BE SUMITTED WITH THE BID PROPOSAL.**

A bidder must obtain a verification from each subcontractor it will have a direct contractual relationship with. At the Department's request, a bidder must submit signed subcontractor verifications. A contractor or subcontractor must obtain an annual verification from each motor carrier it has a direct contractual relationship with. A motor carrier must give immediate written notice if it no longer meets the minimum responsible contractor criteria. The requirement for subcontractor verifications does not apply to:

- Design professionals licensed under Minnesota Statutes §326.06; and
- A business or person that supplies materials, equipment, or supplies to a subcontractor on the Project, including performing delivering and unloading services in connection with the supply of materials, equipment, and supplies. But, a business or person must submit a verification if it delivers mineral aggregate such as sand, gravel, or stone that will be incorporated into the Work by depositing the material substantially in place, directly or through spreaders, from the transporting vehicle.

A bidder or subcontractor who does not meet the minimum criteria specified in the statute, or who fails to verify compliance with the criteria, is not a "responsible contractor" and is ineligible to be awarded the Contract for this Project or to work on this Project. Submitting a false verification makes the bidder or subcontractor ineligible to be awarded a construction contract for this Project. Additionally, submitting a false statement may lead to contract termination. If only one bidder submits a bid, the Department may, but is not required to, award a contract even if that bidder does not meet the minimum criteria.

S-5 COMPLIANCE WITH COUNTY ZONING ORDINANCE

All bidders shall familiarize themselves with Section 16, Subdivision 5, of the Redwood County Zoning Ordinance pertaining to Extraction of Minerals, Materials, Open Pits, and Impounding, and shall comply with it. Copies of the Ordinance may be examined at the County Environmental Office in the Government Center at Redwood Falls.

S-6 COMPLIANCE WITH TAX LAW REQUIREMENTS

The Department cannot make final payment to the Contractor until the Contractor demonstrates that it and all its subcontractors have complied with the Income Tax withholding requirements of Minnesota Statutes, section 290.92 for wages paid for work performed under the contract. To establish compliance, the Contractor must submit a “Contractor Affidavit” either online or in paper form (IC134) to the Minnesota Department of Revenue. The contractor will receive written certification of compliance when the Department of Revenue determines that all withholding tax returns have been filed and all withholding taxes attributable to the work performed on the contract have been paid. The Contractor must then provide this written certification to the Department to receive final payment.

Every subcontractor working on the Project must submit an approved “Contractor Affidavit” from the Minnesota Department of Revenue to the Contractor before the Contractor can file its own Contractor Affidavit. **The Contractor is advised to obtain the certification from each subcontractor as soon as the subcontractor completes work on the Project. Experience has shown that waiting until the project is complete to obtain the forms from all subcontractors is likely to result in significant additional work for the Contractor as it will be difficult or impossible to collect all forms.**

The Department of Revenue, in association with the Department of Employment and Economic Development, offers a free seminar to help contractors understand tax law requirements. The Department strongly urges the Contractor and all subcontractors to attend the “Employment Taxes & Employer Responsibilities Seminar” or similarly offered classes. You can find a schedule and more information on the Department’s website at:
<https://www.revenue.state.mn.us/sites/default/files/2019-05/Employment%20Taxes%20Seminar%20Flyer.pdf>.

Complying with this requirement is considered part of the Work under this contract. The Department will enforce this requirement equally with all other Contract requirements. Contractor delay in complying with this requirement will cause the Department to delay final payment and Contract Acceptance. The Department may also report non-compliance to the Department of Revenue, which may result in enforcement action by the Department of Revenue.

Contractor Affidavit requirements and Form IC134 can be found here:
<https://www.revenue.state.mn.us/contractor-affidavit-requirements>.

S-7 AFFIRMATIVE ACTION RESPONSIBILITIES

All bidders shall meet Mn/DOT Affirmative Action requirements. If a bidder does not meet the requirements, the County reserves the right not to consider the bid. Full instructions are found incorporated elsewhere in this proposal.

S-8 (1203) ACCESS TO PROPOSAL PACKAGE

MnDOT 1203 is hereby deleted from the MnDOT Standard Specifications:

The Department will provide Bidders with access to the Proposal Package through the Redwood County OneOffice website:

<https://mn-co-redwood.app.rtvision.com/oneoffice/bidding>

S-9 (1206) PREPARATION OF PROPOSAL

The provisions of MnDOT 1206 are supplemented and/or modified with the following:

S-9.1 Paragraphs 1 and 2 of MnDOT 1206.1 is hereby deleted from the MnDOT Standard Specifications and replaced with the following:

The Bidder shall use the electronic submittal process. The Bidder shall submit the electronic proposal in accordance with the instructions using BidVault.

The Bidder shall submit its Proposal by the date and time for opening Proposals. BidVault will not accept Proposal past the date and time of the opening of proposals.

S-9.2 MnDOT 1206.2 is hereby deleted from the MnDOT Standard Specifications.

S-10 (1208) PROPOSAL GUARANTY

Attached to this proposal is a copy of a bid bond form, which has been approved for use and meets the minimum requirements of Specification 1208. No proposal will be considered unless it is accompanied by guaranty complying with these requirements, and providing a penal sum at least equal to five (5) percent of the total amount of the bid (under all circumstances and without exception) as provided in Specification 1208. See also General Conditions Section IV: Bonds for additional requirements.

S-11 (1212) OPENING OF PROPOSALS

The provisions of MnDOT 1212 are modified with the following:

S-11.1 MnDOT 1212 is hereby deleted from the MnDOT Standard Specifications and replaced with the following:

1212 OPENING OF PROPOSALS

The Department will open Proposals at the time, date, and place defined in the Proposal Package and the Advertisement for Bids.

S-12 (1305) REQUIREMENT OF CONTRACT BOND

The provisions of Mn/DOT 1305 are hereby deleted and replaced with the following:

The successful bidder shall furnish a payment bond equal to the contract amount and a performance bond equal to the contract amount as required by Minnesota Statutes, section 574.26. The surety and form of the bonds shall be subject to the approval of the contracting authority.

The contracting authority shall require for all contracts less than or equal to five million (\$5,000,000.00), that the aggregate liability of the payment and performance bonds shall be twice the amount of the contract. All contracts in excess of five million dollars (\$5,000,000.00) shall have an aggregate liability equal to the amount of the contract.

S-13 (1404) MAINTENANCE OF TRAFFIC, (1707) PUBLIC SAFETY, AND (2563) TRAFFIC CONTROL

The provisions of 1404 are supplemented as follows:

The Contractor will provide ROAD CLOSED, X.X MILES AHEAD, LOCAL TRAFFIC ONLY (60"x30" R11-3) signs on each road approach for the duration of the site specific work. Locations of these signs are detailed in the Project Location Map.

The Contractor will provide BRIDGE CLOSED AHEAD (48"x48" W20-X4) signs 500' and 1000' (24"x18" W20-100P) in advance of each closure location, on each road approach for the duration of the work.

The Contractor will provide three BRIDGE CLOSED (48"x30" R11-2A) Type III white and orange barricades within 100' of the beginning and end of each closure location for the duration of the work.

All signs will have yellow Type A flashers attached. Each barricade will have two each Type A flashers attached.

Signs will be moved off of the roadway and tipped over the same day that work is completed and picked up within 10 days of completion of work. The Contractor will be charged a liquidated damage of \$100 per day for each day past 10 days that signs are not picked up. The Contractor will be notified in writing before liquidated damages begin.

The Contractor shall furnish, install, maintain, and remove all traffic control devices required to provide safe movement of vehicular and/or pedestrian traffic passing through the work zone during the life of the Contract from the start of Contract operations to the final completion thereof. The Engineer will have the right to modify the requirements for traffic control as deemed necessary due to existing field conditions.

Traffic control devices include, but are not limited to, barricades, warning signs, trailers, flashers, cones, drums, pavement markings and flaggers as required and sufficient barricade weights to maintain barricade stability.

The Contractor shall furnish names, addresses, and phone numbers of at least three (3) individuals responsible for the placement and maintenance of traffic control devices. At least one of these individuals shall be "on call" twenty-four (24) hours per day, seven (7) days per week during the times any traffic control devices, furnished and installed by the Contractor, are in place. The required information shall be submitted to the Engineer at the Pre-Construction Conference. The Contractor shall also furnish the names, addresses, and phone numbers of those individuals to the following:

- | | | |
|----|-----------------------------------|----------------|
| 1. | Redwood County Highway Department | (507) 637-4056 |
| 2. | Redwood County Sheriff Department | (507) 637-4036 |

The Contractor shall, at the pre-construction conference, designate a Work Zone Safety Coordinator who shall be responsible for safety and traffic control management in the Project work zone. The Work Zone Safety Coordinator shall be either an employee of the Contractor such as a superintendent or a foreman, or an employee of a firm which has a subcontract for overall work zone safety and traffic control management for the Project. The responsibilities of the Work Zone Safety Coordinator shall include, but not be limited to:

- Coordinating all work zone traffic control operations of the Project, including those of the Contractor, subcontractors and supplies.
- Establishing contact with local school district, government, law enforcement, and emergency response agencies affected by construction before work begins.
- Maintaining a record of all known crashes within a work zone. This record should include all available information, such as: time of day, probable cause, locations, pictures, sketches, weather conditions, interferences to traffic, etc. These records shall be made available to the Engineer upon request.

The Contractor shall inspect, on a daily basis, all traffic control devices, which the Contractor has furnished and installed, and verify that the devices are placed in accordance with the Traffic Control Layouts, these Special Provisions, and/or the MN MUTCD. Any discrepancy between the placement and the required placement shall be immediately corrected. The person performing the inspection shall be required to make a daily log. This log shall also include the date and time any changes in the stages, phases, or portions thereof go into effect. The log shall identify the location and verify that the devices are placed as directed or corrected in accordance with the Plan. All entries in the log shall include the date and time of the entry and be signed by the person making the inspection. The Engineer reserves the right to request copies of the logs as he deems necessary.

The Contractor shall be required to respond immediately to any call from the Engineer or his designated representative concerning any request for improving or correcting traffic control devices. **If the Contractor is negligent in correcting the deficiency within four hours of notification the Contractor shall be subject to an hourly charge assessed at a rate of \$250.00 per hour, beginning at the fourth hour, for each hour or any portion thereof with which the Engineer determines that the Contractor has not complied.**

The Contractor is required to meet the traffic control device quality standards as determined in the Field Manual. The Contractor shall immediately replace traffic control devices that are deemed unacceptable. Signs that are dirty and result in a noticeable loss of reflectivity at night are also considered unacceptable and shall be cleaned or replaced. The Contractor shall be required to respond immediately to any call from the Engineer or his designated representative concerning the notification of unacceptable traffic control devices. **If the Contractor is negligent in correcting the deficiency within one day of notification the Contractor shall be**

subject to a daily charge assessed at a rate of \$500 for each day or any portion thereof with which the Engineer determines that the Contractor has not complied.

No measurement will be made of the various Items that constitute Traffic Control but all such work will be construed to be included in the single Lump Sum payment under Item 2563.601 (Traffic Control).

S-14 (1505) COOPERATION BY CONTRACTORS
SP2020-25

Add the following to MnDOT 1505:

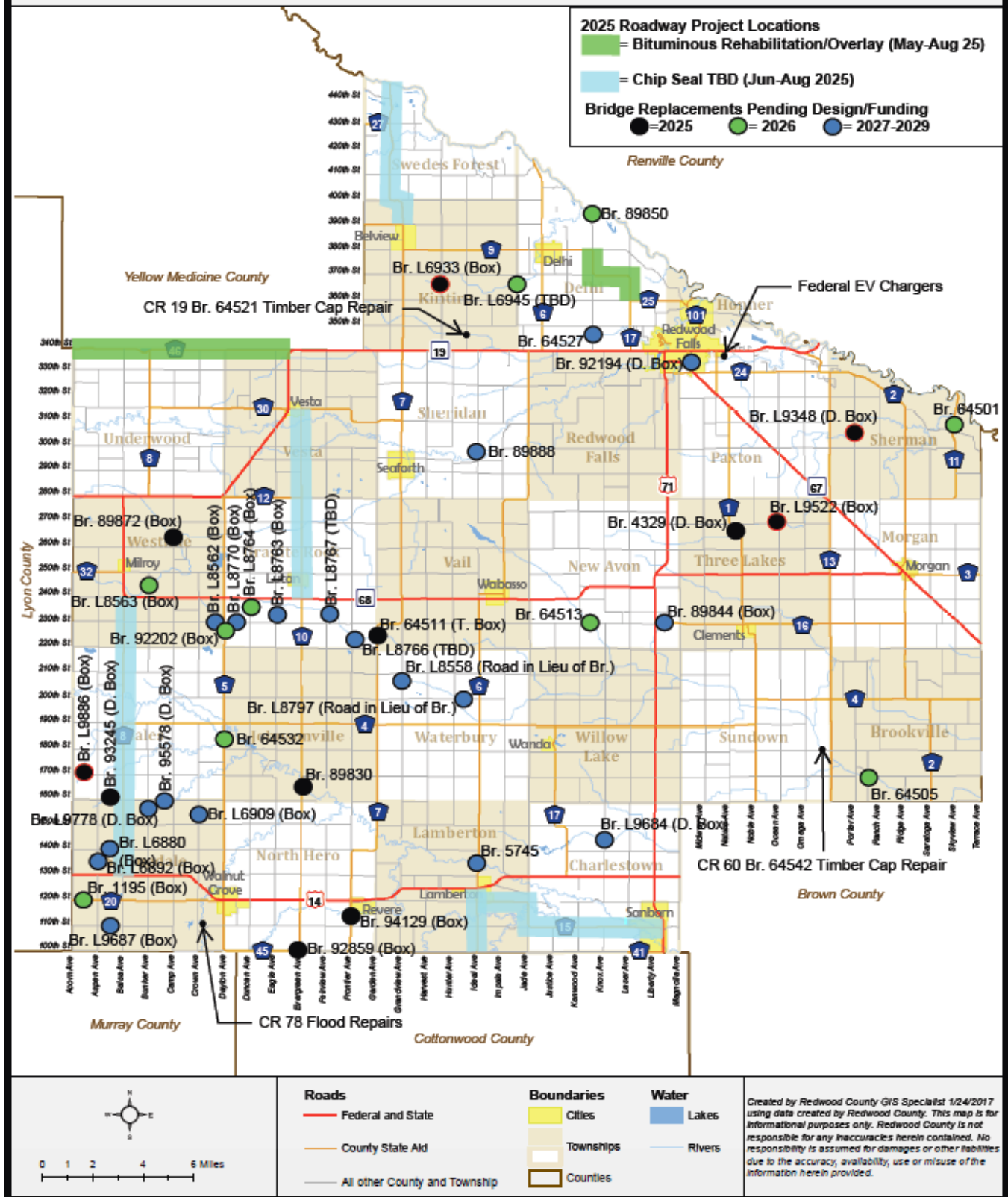
The Contractor shall coordinate Work and cooperate with the holders of those current and future separate Contracts, as required by MnDOT 1505. That Contract Work will be performed concurrently with the Work under this Contract.

As shown on the below map, a separate Contract for the following projects are currently in progress near this Project. The Department also plans to call for bids on additional Contracts to include those shown on the below map.

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Project map on next page

2025 Project Map Redwood County, MN

Updated
1/6/2025



S-15 (1513) RESTRICTIONS ON MOVEMENT AND STORAGE OF HEAVY LOADS AND EQUIPMENT

The Contractor shall haul Materials and move and store Equipment in accordance with the Minnesota Highway Traffic Regulation Act, MN Statutes, Chapter 169 and applicable provisions of Minnesota Rules when using public Roads or completed Structures, base courses, and pavements within the Project that are open to traffic and becoming a part of the permanent improvement.

The Contractor shall comply with legal load restrictions and with special restrictions required by the Contract when hauling or storing Materials and moving or storing Equipment on Structures, completed Subgrades, base courses, and pavements within the Project, under construction or completed but not yet open to traffic.

When construction operations require crossing or working on an existing **bridge** or completed portions of the Pavement Structure with otherwise prohibited Equipment or loads, **the Contractor shall submit methods of load distribution or bridging in writing and obtain the Engineer's written approval. The Contractor will be responsible for providing any structural calculations necessary to ensure equipment can be utilized on the bridges within this scope of work.** This approval does not relieve the Contractor of responsibility for any damages to the Work.

The Contractor will not be relieved of liability for damages resulting from the operation and movement of construction Equipment because of the issuance of a special permit, or by adherence to any other restrictions imposed.

If any proposed construction loading exceeds the legal limits, the Contractor shall submit the proposed loads and structural analysis of the deck, beams and substructure components certified by a Minnesota Professional Engineer to the Project Engineer for review within a minimum of 7 calendar days before loads can be applied to the bridge. Redwood County recommends using Kent Rohr, Widseth, who can be contacted at 320-335-5012, kent.rohr@widseth.com.

S-16 (1514) MAINTENANCE DURING CONSTRUCTION

Add the following to MnDOT 1514:

Additional sweeping ordered by the Engineer is incidental to the contract. Failure to perform the required action as specified within **24 hours** of written notice by the engineer, shall subject the Contractor to a **\$1000/calendar day** monetary deduction.

S-17 (1515) CONTROL OF HAUL ROADS

All roads used by the Contractor for hauling of natural materials from their sources shall be subject to prior arrangement with the Road Authority involved. **Particular attention is given to any county gravel road if used as a haul road.** Damages and any other conditions created or imposed shall be corrected to the satisfaction of the Road Authority. This will include, but not be limited to calcium chloride dust control treatment, blading and the addition of gravel surfacing, patching or spot bituminous overlays depending on the surface type of the in-place roadway. Failure to perform the required action as specified within **48 hours** of written notice by the engineer, shall subject the Contractor to a **\$500/calendar day** monetary deduction.

Township roads are not permitted as haul roads unless the Contractor has arranged use of said roads with said township officials. Use of a restricted haul road will result in a \$500 monetary deduction per observed occurrence.

S-18 (1801) SUBLETTING OF CONTRACT

The provisions of MnDOT 1801 are modified as follows:

S-18.1 For Projects in excess of \$50,000, the Contractor may sublet work only to subcontractors that meet the definition of “responsible contractor” in Minnesota Statutes §16C.285, subdivision 3. The Contractor shall obtain verifications of compliance with §16C.285 from subcontractors using a form provided by the Department. The Contractor must provide such verifications to the Department upon the Department’s request.

S-19 (1803) PROGRESS SCHEDULES

The provisions of MnDOT 1803 are modified as follows:

This Contract allows for the use of a “Bar Chart Schedule” as the Progress Schedule for the Project.

Bar Chart: The contractor will submit an initial Bar Chart Schedule, Bi-Weekly Look Ahead Schedule (showing two weeks of projected work), and Monthly Progress Meeting and Bar Chart Progress Schedule updates, per the provisions of MnDOT 1803.2. The contractor will submit revised or recovery schedules when any of the conditions of MnDOT 1803.2.B.4 and 1803.2.B.5 occur.

If the contractor fails to submit schedule updates, the Engineer will notify the contractor in writing. Failure to submit an updated schedule after the written notification by the engineer will result in a **\$500/calendar day** monetary deduction starting the third day after the written request.

S-20 (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME

The provisions of MnDOT 1806 are supplemented and/or modified with the following:

S-20.1 The project start date is June 10, 2025. Contractor must complete all Work to meet the requirements of 1516.2 (Project Acceptance) under this Contract before September 26, 2025.

S-20.2 Contractor must cease all construction operations at noon on Friday prior to Labor Day, and at noon on July 3, 2025. No work will be permitted on Holidays.

S-20.3 Once the Contractor begins work on a bridge deck, work must be completed continuously until complete, including all milling, sweeping, paving, shouldering and final cleanup. Each bridge deck can be closed for a maximum of three days. No bridge may be closed over a weekend.

S-20.4 Contractor must complete all Work to meet the requirements of MnDOT 1516.3, “Completion of the Work,” under this Contract within 90 Calendar Days of receipt of the Semi-Final Estimate in accordance with MnDOT 1908.2.

S-21 (1807) FAILURE TO COMPLETE THE WORK ON TIME

The provisions of MnDOT 1807 are supplemented and/or modified with the following:

S-21.1 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**.

S-21.2 A \$1,000 incentive will be applied for each bridge that work is started and completed in full and re-opened to traffic on the same day that the bridge closure began. A maximum of one incentive payment can be earned for each bridge.

S-21.3 The Department will assess the Contractor a Monetary Deduction in an amount equal to **\$300/Calendar Day** that any Work specified under MnDOT 1516.3, “Completion of the Work,” are not met after the expiration of the 90 day period of the Semi-Final Estimate requirements.

S-21.4 The liquidated damages set forth in MnDOT 1807 and any Monetary Deductions as set forth elsewhere in the contract may apply equally, separately, and may be assessed concurrently.

S-22 (1903) INCREASED OR DECREASED QUANTITIES

Redwood County reserves the right to increase or decrease the quantities of any item without adjustments in the contract unit prices and the provisions of 1903 shall not apply.

S-23 (2104) REMOVING PAVEMENT AND MISCELLANEOUS STRUCTURES

The provisions of MnDOT 2104 are supplemented and/or modified with the following:

Abandoned structures and other obstructions shall be removed from the Right of Way and disposed of in accordance with the provisions of Mn/DOT 2104, except as modified below:

S-23.1 All removal and disposal operations shall be incidental. The removal of any unforeseen obstruction requiring in the opinion of the Engineer equipment or handling substantially different from that employed in excavation operations, will be paid for as Extra Work as provided in MnDOT 1402.5.

S-23.2 Existing bridge plans are available by request.

S-24 (2221) SHOULDER BASE AGGREGATE

The provisions of MnDOT 2221 are supplemented and/or modified with the following:

Shoulder base aggregate courses shall be constructed in accordance with the provisions of Mn/DOT 2221 except as modified below:

S-24.1 Compaction shall be achieved by the “Quality Compaction Method” described in Mn/DOT 2211.3.D.2.b.

S-24.2 Existing bituminous edge drop offs vary from 1” to 4” with existing slopes varying between 2% and 8%. The Contractor can conduct a site visit prior to bidding to verify existing conditions, in order to account for these existing condition deviations in their bid. Redwood County will not pay for any lost Contractor aggregate production or delivery rates, at any time, for any given reason. The scheduling of work, operations and productions rates are the responsibility of the Contractor.

S-24.3 It is essential that shoulder drops offs within the project limits are eliminated prior to re-opening the roadway to traffic. Existing on site Shoulder Base Aggregate will be reclaimed by the Contractor in order to regrade the shoulders adjacent to all off bridge deck paving. This work will be incidental to Mill Bituminous Surface. If not completed, a monetary deduction of \$500/day per approach will be applied beginning the 1st calendar day after paving operations are complete.

S-25 (2232) MILL BITUMINOUS SURFACE (REDWOOD COUNTY)

The provisions of MnDOT 2360 are supplemented and/or modified with the following:

S-25.1 The Contractor will mill all existing asphalt from the bridge deck utilizing a small mill machine or skid loader mounted mill. The Contractor can leave up to 1/8” thickness (+/- 1/8” tolerance) of existing asphalt in place in order to avoid damaging the timber bridge structure or catching timber bridge hardware.

S-25.2 The Contractor will complete a 2.0” mill on 100’ of approach roadway, on each side of bridges 64528, 64531 and 64514. The entire paved roadway width will be milled.

A) The mill will be 2.0” in depth for the first 10’ from BOP or EOP (furthest from the bridge), and then will taper up or down for 90’ to the depth required to match the milled off timber bridge deck. A 10’ long, 2.0” deep header will be cut in at 100’ from the bridge and at 90’ from the bridge to facilitate each paving lift on the roadway.

B) The Mill Bituminous Surface (2.0”) pay item includes the additional milling needed within 90’ of each bridge abutment to transition the roadway and bridge pavement as detailed in S-25.2A).

C) The approaches are being milled in order to maintain a consistent upper final wear course thickness, to ensure a smooth pavement transition between the existing roadway crown and bridge crown and a smooth longitudinal transition.

D) The existing bituminous thickness are approximately:

		Bituminous Depth			
		On Bridge Deck		On Road Approach	
Roadway	Bridge Number	at CL	at Fog Line	at N or W side of Br.	at S or E side of Br.
CSAH 30	64516	2.25"	2.0"	N/A Gravel Road	N/A Gravel Road
CSAH 17	64512	4.0"	2.5"	N/A Gravel Road	N/A Gravel Road
CR 59	64515	0" to 1.5"	0" to 1.5"	N/A Gravel Road	N/A Gravel Road
CR 78	64528	3.5"	2.25"	5.5"	5.5"
CSAH 5	64531	7.5"	5.75"	9.375"	12"
CSAH 7	64514	5.0"	3.0"	9.5"	6.5"

S-25.3 The Contractor will notify the Engineer via positive voice confirmation (phone call) one hour prior to completion of bridge deck milling, so that the bridge deck can be inspected prior to beginning paving operations.

S-25.4 Any damage to the timber bridge structure or hardware by the Contractor will require a repair by the Contractor. The Contractor will furnish and install replacement timber spikes for any spikes damaged during milling. Aside from spike repair, all other repairs must be detailed by the Contractor and approved by the Engineer prior to the repair being completed.

S-25.5 Should a structural defect in the bridge deck be discovered that is not related to the Contractor's operations, the Contractor will be required to mobilize off site and Redwood County will conduct a bridge repair. Bridge closure signs will remain in place. Redwood County and the Contractor will negotiate a price for the additional mobilization, not to exceed 1/6 of the bid price of Mobilization. Redwood County and the Contractor will additionally negotiate a price for the extended Traffic Control signage, not to exceed 1/6 of the bid price of Traffic Control.

S-25.6 Bituminous millings may be incorporated into the new bituminous mixture or in the aggregate shoulders as per MnDOT Specification. Any material not recycled shall be hauled off site and disposed of by the contractor at a site approved by the Engineer. The Contractor may keep the millings, or deliver to Redwood County shops at Stockpile Location 1: 1820 East Bridge Street, Redwood Falls MN 56283 or Stockpile Location 2: 411 1st Street, Walnut Grove MN 56180.

S-26 (2360) PLANT MIXED ASPHALT PAVEMENT (REDWOOD COUNTY)

The provisions of MnDOT 2360 are supplemented and/or modified with the following:

S-26.1 Add the following to MnDOT 2360.1B:

Mix Designation Numbers for the bituminous mixtures on this Project are as follows:

Type SP 9.5 Wearing Course SPWEA240C

S-26.2 Proposed pavement thickness on each structure will be as follows:

64516 on CSAH 30: 4.0” on centerline and straight tapered to 2.0” at curb line
64512 on CSAH 17: 4.0” on centerline and straight tapered to 2.0” at curb line
64515 on CR 59: 4.0” on centerline and straight tapered to 2.0” at curb line
64528 on CR 78: 4.0” on centerline and straight tapered to 2.0” at curb line
64531 on CSAH 5: 4.0” on centerline and straight tapered to 2.0” at curb line
64514 on CSAH 7: 4.0” on centerline and straight tapered to 2.0” at curb line
On the roadway approaches for CR 78, CSAH 5 and CSAH 7: 4.0”

S-26.3 The Contractor will be required to pave bridge decks in two lifts and bridge approaches in two lifts, with the final lift being a uniform thickness and paving operation across the road approach and bridge section. The Contractor will make a recommendation of the proposed lift thicknesses if in the opinion of the Contractor, a smoother driving surface can be delivered. The Engineer will approve or disapprove the Contractor’s recommendation(s). The Engineer is recommending the first lift on each bridge to be 2.0” at the centerline and tapered to 0” at the bridge gutter lines, and a final lift of 2.0”. In the case of a disapproval, the Contractor will make distinctly different recommendations until approval is obtained from the Engineer.

S-26.4 The Contractor will not be allowed to vibratory compact mix on the bridge decks.

S-26.5 Night paving operations are prohibited.

S-26.6 Bituminous compaction will follow 2360.3.D.2, Ordinary Compaction. There will be no paving incentives.

S-26.7 The Contractor will provide a crown transition matching the inplace conditions of the existing paved roadways as much as practical (Bridges 64528, 64531 and 64514). Slopes will be constructed to be not be less than 1.0% grade from centerline to curb line on the bridge deck, with the exception of Bridge 64531 (CSAH 5) which will not be less than 0.8% grade.

S-26.8 Bituminous material for tack coat shall be included in the bid price for 2360.509 Type SP 9.5 Wearing Course and will be placed prior to each pavement lift.

S-26.9 Redwood County will not pay for any lost Contractor asphalt production or delivery rates at any time, for any given reason. The scheduling of work, operations and productions rates are the responsibility of the Contractor. The scheduling of work, operations and productions rates are the responsibility of the Contractor.

S-27 (2399) PAVMENT SURFACE SMOOTHNESS

The provisions of MnDOT 2399 are supplemented and/or modified with the following:

S-27.1 Evaluate pavement Smoothness requirements using MnDOT 2399.3D are hereby deleted. There will be no smoothness evaluation using Equations HMA-A, HMA-B or HMA-C. There will be no incentive/disincentive payment for smoothness (ride). The Engineer will use a 10 foot straightedge to evaluate areas in accordance with tolerances in Table 2360.3-5.

S-27.2 The Engineer may require removal and replacement of any material placed outside the described limitations, at no additional cost to the department. The Department will consider any single occurrence of material outside the limitations to have a minimum of at least 1 square yard in any dimension.

For bituminous projects, the Department will require a ½” mill and 1” overlay (with tack) on the entire project length (incidental) if 25% or more of the total final lift area placed requires corrective work.

In addition to corrective work, area(s) where diamond grinding is performed as the corrective work method (incidental) a \$3.00 per SY disincentive will be applied to the total area(s) milled.

S-28 (2582) PAVEMENT MARKINGS

The provisions of MnDOT 2582 are supplemented and/or modified with the following:

S-28.1 Final roadway markings will be completed by Redwood County and are not included in this scope of work.

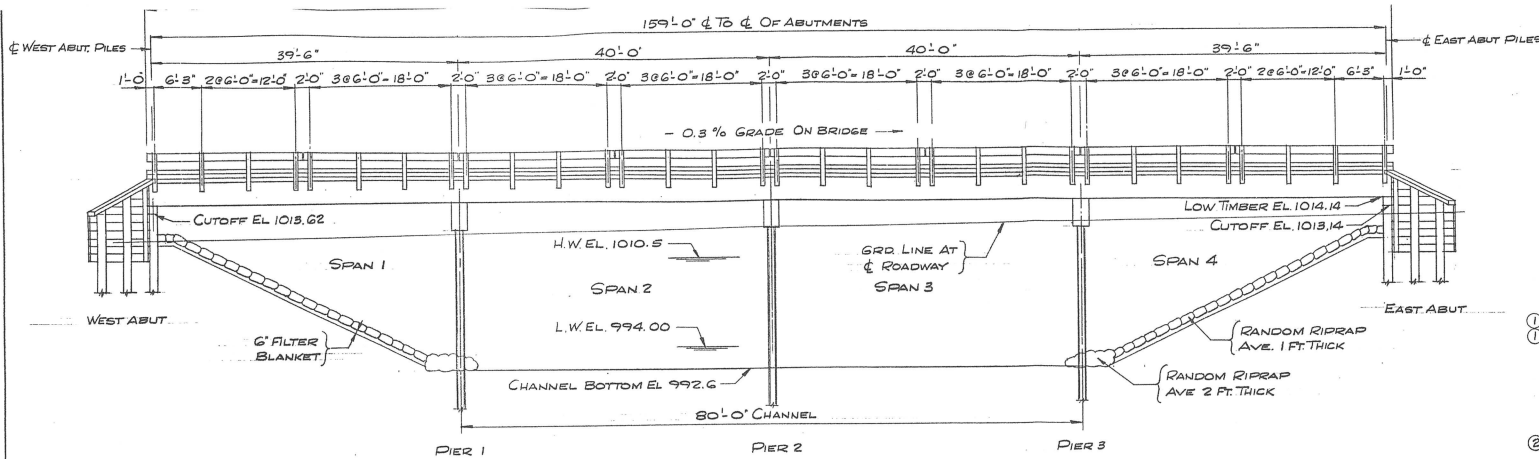
S-29 (3139) GRADED AGGREGATE FOR BITUMOUS MIXTURES

The provisions of MnDOT 3139 are modified with the following:

S-29.1 Table 3139.2-3, Mixture Aggregate Requirements: The maximum total spall in fraction retained on the No. 4 sieve and the maximum spall content in the total sample will be 1.0% for the upper lift and 2.5% for the lower lift.

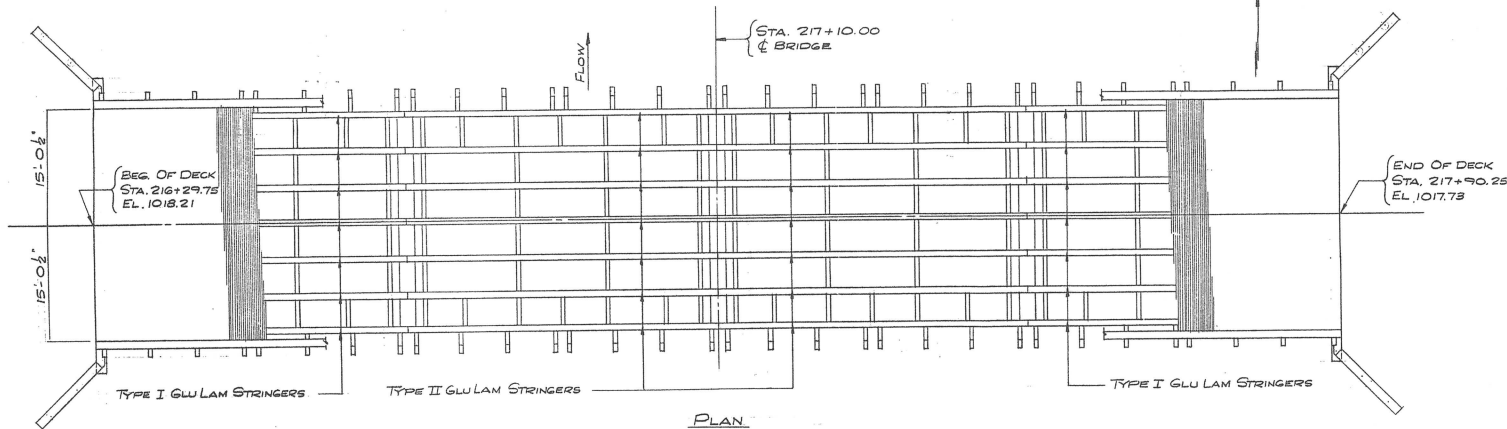
S-29.2 The intent of this specification change of creating spall content requirements equivalent to a level 4 mix, is to reduce the prevalence of iron oxides in the mix.

64516 - SHERIDAN

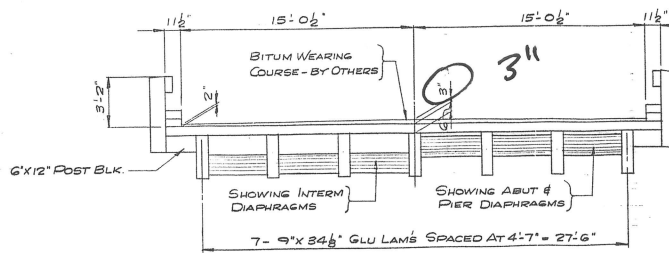


GENERAL ELEVATION
SCALE 1/8" = 1'-0"

NOTE: CHANNEL CHANGE INCLUDED IN GRADING PORTION OF CONTRACT.



PLAN



TYPICAL CROSS SECTION
THRU ROADWAY

B.M. ELEV. 1008.85
TOP BOLT ON HUB RAIL
N.E. COR. OF BRIDGE

CONSTRUCTION NOTE
THE MINNESOTA HIGHWAY DEPARTMENT'S STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION DATED JAN. 1, 1968 SHALL APPLY.
THE ENGINEER WILL SET STAKES AT THE CENTERLINE OF SUBSTRUCTURE AND WILL RESET THESE POINTS AS HE DEEMS NECESSARY FOR PROPER PERFORMANCE OF WORK.
REINFORCEMENT BARS OTHER THAN SPIRAL ROD STOCK SHALL BE DEFORMED BILLET STEEL BARS CONFORMING TO A.S.T.M. A 615 GRADE 40.

H20 LOADING NO IMPACT 2 LANES
F_b = 20000 #/S² WET CONDITIONS - GLUED LAMINATED STRINGERS
F_t = 20000 #/S² STRUCTURAL STEEL M.H.D. 3306
F_c = 16000 p.s.i. n = 8 FOR POURED IN PLACE CONC.
F_s = 20000 p.s.i. REINFORCEMENT

SCHEDULE OF QUANTITIES FOR ENTIRE BRIDGE			
ITEM NO.	ITEM	UNIT	QUANTITY
2408.502	TREATED TIMBER	M.B.M.	45.82
2408.506	HARDWARE	POUND	10584
2452.503	TREATED TIMBER PILING DELIVERED	LIN. FT.	850
2452.504	TREATED TIMBER PILING DRIVEN	LIN. FT.	792
2452.517	TREATED TIMBER TEST PILES 45 FT. LG.	PILE	2
2452.511	STEEL H. PILING DELIVERED	LIN. FT.	430
2452.510	STEEL H. PILING DRIVEN	LIN. FT.	433
2452.520	STEEL H. TEST PILE 45 FT. LG.	PILE	8
403.608	GLUED LAMINATED STRINGERS, TYPE I	STRINGER	14
403.605	GLUED LAMINATED STRINGERS, TYPE II	STRINGER	14
2402.521	STRUCTURAL STEEL, (3306)	POUND	10795
2401.501	CONCRETE, MIX NO. 3743	C.Y.D.	82
2401.541	REINFORCEMENT BARS	POUND	5705
2402.511	SHEET LEAD	POUND	230
2511.501	RANDOM RIPRAP CLASS A	CU.YD.	215
2511.504	FILTER BLANKET - TYPE I	CU.YD.	100
2442.501	REMOVE OLD BRIDGE	BRIDGE	1

- ① SEE SPECIAL PROVISIONS
② STA. 214+10

LIST OF SHEETS	
SHEET NO.	DESCRIPTION
9	GENERAL PLAN AND ELEVATION
10	ABUTMENT DETAILS
11	DETAILS OF PIERS 1, 2, & 3
12	SUPERSTRUCTURE DETAILS
13	SUPERSTRUCTURE DETAILS
14	DETAIL
15	BRIDGE SURVEY
16	BRIDGE SURVEY - PLAN & PROFILE

APPROVED *Robert E. Erickson*
COUNTY ENGINEER
DATE 11/4/68 REDWOOD COUNTY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE 11/4/68 *Robert E. Erickson*
REG. NO. 2397

PLANS PREPARED BY
ROBERT E. ERICKSON ENGINEERING CO.
3340 REPUBLIC AVE. ST. LOUIS PARK, MINN.

C.S.A.H. NO. 30 REDWOOD COUNTY
STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS

BRIDGE NO. 64516
10 MILES SOUTHWEST OF REDWOOD FALLS
OVER REDWOOD RIVER
4 - 40 FT. GLUED LAMINATED
STRINGER SPANS
30 FT. ROADWAY
GENERAL PLAN AND ELEVATION
SEC. 24 TWP 112 N R37 W
SHERIDAN TWP REDWOOD COUNTY

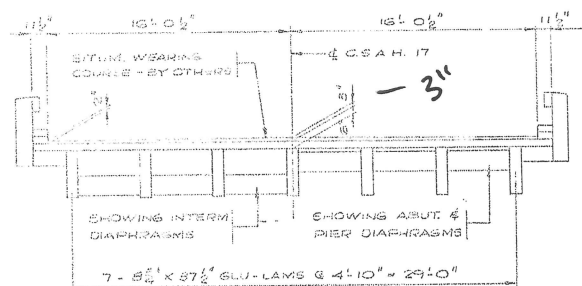
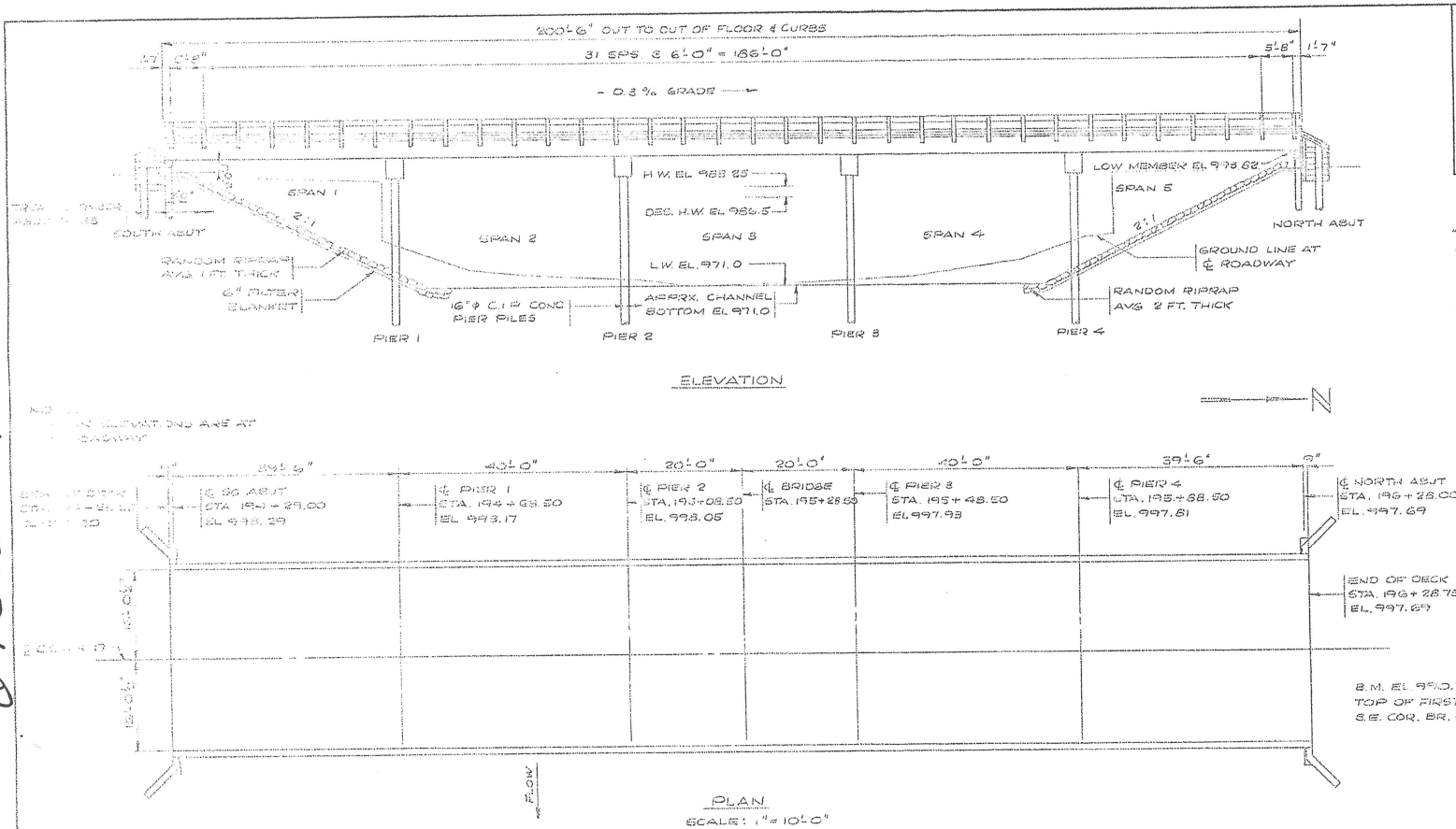
APPROVED *R. E. Erickson*
BRIDGE DESIGN & PLANNING ENGINEER

S.A.P. 64-630-06

SHEET 9 OF 16 SHEETS

64516 WJW
82

64512-RC



SCHEDULE OF QUANTITIES FOR ENTIRE BRIDGE							
ITEM NO.	2403.502	2403.506	2403.508	2403.509	2403.517	2403.507	2403.505
ITEM	TREATED TIMBER	HARDWARE	TREATED TIMBER PILING DELIVERED	TREATED TIMBER PILING DRIVEN	TREATED TIMBER PILING TEST PILES 45 FT. LG.	CAST-IN PLACE CONCRETE PILING DELIVERED	CAST-IN PLACE CONCRETE PILING DRIVEN
UNIT	M.S.M.	POUND	LIN. FT.	LIN. FT.	EACH	LIN. FT.	LIN. FT.
QUANTITY	57.18	11435	660	620	2	480	480

ITEM NO.	2401.501	2401.541	2402.521	403.606	403.606	2511.501	2511.504	2442.501
ITEM	CONCRETE MIX NO. 5Y48	REINFORCEMENT BARS	STRUCTURAL STEEL (3306)	GLUED LAMINATED STRINGERS TYPE 1	GLUED LAMINATED STRINGERS TYPE 2	RANDOM LAMINATED RIPRAP, CLASS A	FILTER BLANKET, TYPE 1	REMOVE OLD BRIDGE
UNIT	CU. YD.	POUND	POUND	EACH	EACH	CU. YD.	CU. YD.	LUMP SUM
QUANTITY	49	4150	2550	14	21	320	140	1

DESIGN DATA

1978 A.A.S.H.T.O. DESIGN SPECIFICATIONS
HS 20 LOADING NO IMPACT 3 LANES
FD = 2400 P.S.I. DRY CONDITIONS - SURE LAMINATED STRINGERS 24" COMBINATION
FC = 4000 P.S.I. #3 FOR PLACED IN PLACE CONCRETE
FY = 36000 P.S.I. STRUCTURAL STEEL MHD 542
FY = 60000 P.S.I. REINFORCEMENT (SACRE 50)
DECK AREA 6817 SQ. FT.
RD PROJECTED A.D.T. 1000

CONSTRUCTION NOTES

THE MINNESOTA HIGHWAY DEPARTMENT "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" DATED JAN. 1, 1972 AS AMENDED BY "SUPPLEMENTAL SPECIFICATIONS" DATED JAN. 1, 1974, SHALL GOVERN.

THE FIRST DIGIT OR THE FIRST TWO DIGITS OF EACH BAR MARK INDICATE THE BAR SIZE. BRIDGE SEAT REINFORCEMENT AT PIERS SHALL BE CAREFULLY PLACED TO AVOID INTERFERENCE WITH DRILLING HOLES FOR ANCHOR BOLTS. THE LAMINATED BEAMS SHALL BE ERECTED IN FINAL POSITION PRIOR TO DRILLING HOLES FOR AND PLACING ANCHOR BOLTS.

LIST OF SHEETS	
NO.	DESCRIPTION
1	GENERAL PLAN & ELEVATION
2	SECTION DETAILS
3	PLAN DETAILS
4	CONSTRUCTION DETAILS
5	DETAILS
6	DETAILS
7	GENERAL NOTES

APPROVED

[Signature]
COUNTY ENGINEER
REDAWOOD COUNTY

DATE 9-15-78

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A duly Licensed Professional Engineer in the State of Minnesota.

DATE 9/15/78

PLANS PREPARED BY
ROBERT E. EVANSON ENGINEERS & ARCHITECTS
3240 REPUBLIC AVE.
ST. LOUIS, MISSOURI

C.S.A.H. 17
STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS

BRIDGE NO. 64512

3.5 MILES SW OF REDWOOD FALLS ON C.S.A.H. 17 OVER REDWOOD RIVER 5'-44" FT. GLUED LAMINATED STRINGERS 24" 24" COMBINATION SPAN 100% NO. 701

GENERAL PLAN & ELEVATION
SEC. 9 TWP. 16 N. R. 35 W. REDWOOD FALLS TWP. REDWOOD COUNTY

APPROVED *[Signature]*
BRIDGE DESIGN & PLANNING ENGINEER

[illegible]

① SEE SPECIAL PROVISIONS
② STA. 180 + 75

LIST OF SHEETS	
SHEET NO	DESCRIPTION
1	GENERAL PLAN AND ELEVATION
2	ABUTMENT DETAILS
3	DETAILS OF PIER 1 & 2
4	SUPERSTRUCTURE DETAILS
5	SUPERSTRUCTURE DETAILS
6	DETAIL
7	BRIDGE SURVEY
8	BRIDGE SURVEY - PLAN & SURVEY

DATE 1-16-70 COUNTY ENGINEER
REEDWOOD COUNTY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

4-10-70

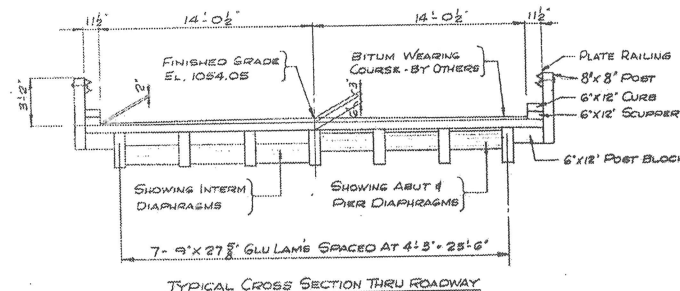
PLANS PREPARED BY
ROBERT E. ERICKSON ENGINEERING CO.
3340 REPUBLIC AVE. ST. LOUIS PARK, MINN.

C.R. NO. 59 REDWOOD COUNTY
STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS

BRIDGE NO. 64515
3.5 MILES SOUTHWEST OF VISTA
OVER REDWOOD RIVER
8 - 32 FT. GLUED LAMINATED
STRINGER SPANS
28 FT. ROADWAY
GENERAL PLAN AND ELEVATION
SEC. 19 TWP 112 N R35W
VISTA TWP. REDWOOD COUNTY

THE MINNESOTA HIGHWAY DEPARTMENT'S STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION DATED JAN. 1, 1968, AS AMENDED BY SUPPLEMENTAL SPECIFICATIONS DATE JULY, 1969 SHALL GOVERN.

THE ENGINEER WILL SET STAKES AT THE E OF SUBSTRUCTURE AND WILL RESET THESE POINTS AS HE DEEMS NECESSARY FOR PROPER PERFORMANCE OF WORK.

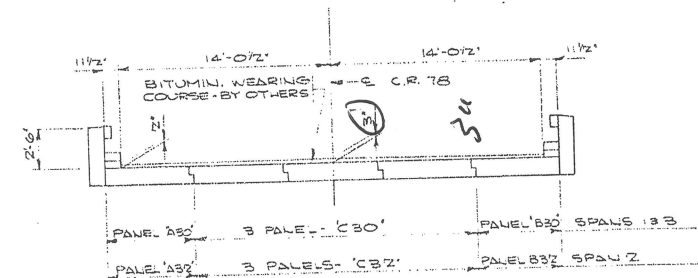
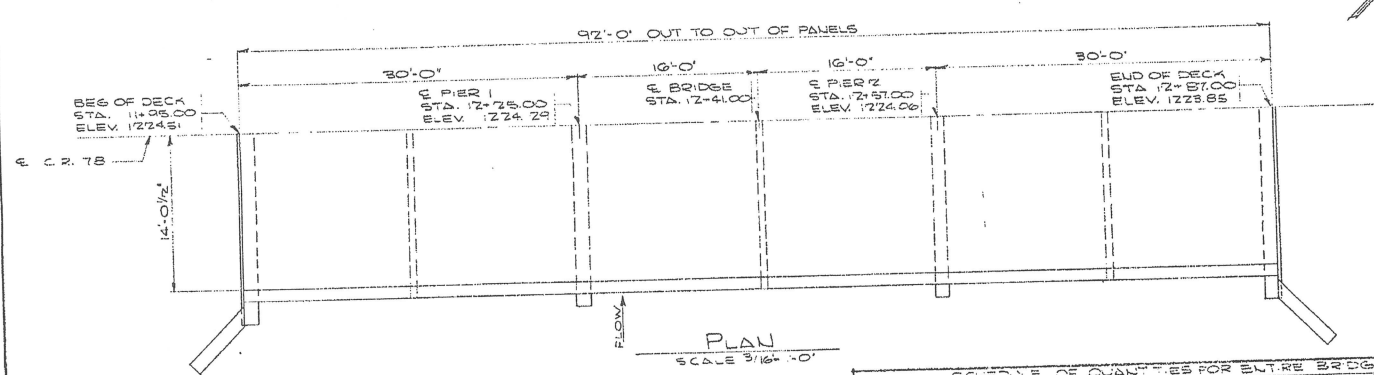
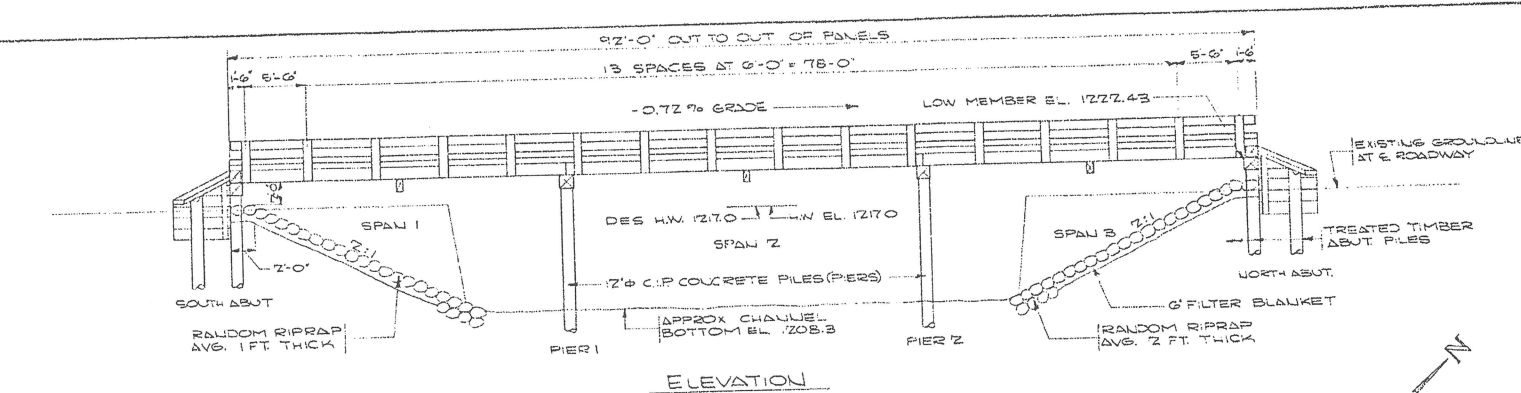


B.M. ELEV. = 1050.27
TOP OF 7" CHANNEL IRON
N.E. COR. OF ABUTMENT

SHEET 1 OF 8 SHEETS

64515	WNJ
	UNE

64570 - SPRINGDALE



SECTION THRU DECK
SCALE 3/4" = 1'-0"

DESIGN DATA
1973 A.A.S. - TO DESER SPEC.
1970 - C.A.S. NO. 10-1-2
DECK AREA 2700 SQ. FT.
CONSTR. ADT. 22

CONSTRUCTION NOTE
THE MINNESOTA HIGHWAY DEPARTMENT SPECIFICATIONS FOR CONSTRUCTION DATED JAN. 1, 1960 AMENDED BY SUPPLEMENTAL SPECIFICATIONS DATED APRIL 1, 1976 GOVERN.
CONSTRUCTION REQUIREMENTS CONFORM TO M.H.D. 2403.3
ALL TIMBER TO BE CROSCOR PRESSURE TREATED PER M.H.D. EXCEPT RAIL SAILS TO BE TREATED WITH PENTACHLOROPHENOL SOLUTION.
ALL TIMBER PILING TO BE CROSCOR PRESSURE TREATED PER M.H.D. PER M.H.D. 2403.3
ALL TIMBER IS ROUGH UNLESS OTHERWISE NOTED.
TIMBER POSTS SHALL BE 4" CAPS SHALL BE 1200# F.S. 2 SHALL 2400# F.S. DRY COULD OTHER TIMBER TO BE 200# ALL OTHER PILING TO BE 150#

LIST OF SHEETS

1	GENERAL PLAN & ELEV.
2	ABUTMENT DETAILS
3	PIER DETAILS
4	SUPERSTRUCTURE DE
5	SUPERSTRUCTURE DE
6	30 FT. PANEL DETAIL
7	32 FT. PANEL DETAIL
8	DETAILS
9	BRIDGE SURVEY
10	BRIDGE SURVEY PLAN

I HEREBY CERTIFY THAT THIS WAS PREPARED BY ME OR A DIRECT SUPERVISION AND A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF MINNESOTA

Jim Florkin
REG. NO. 1137

DATE 7-3-77

APPROVED *[Signature]*
REDWOOD CO.

DATE Feb. 1, 1977

PLANS PREPARED BY: ROBERT E. ECKENHAGEN 3340 REPUBLIC AVE. ST. LOUIS PARK, MINN. 55416

C.R. 78 REDWOOD CO. MINNESOTA DEPARTMENT OF TRANSPORTATION

BRIDGE NO. 64570
10 MILES SOUTH OF WOOD OVER PLUM CREEK
30'-32'-30' TREATED TIMBER
28'-0' ROADWAY
SPAN IDENT. NO. 709

GENERAL PLAN AND ELEVATION

SEC 36 TOWN & R 1
SPRINGDALE TOWNSHIP
REDWOOD COUNTY
APPROVED *[Signature]*
BRIDGE

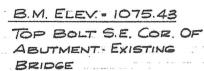
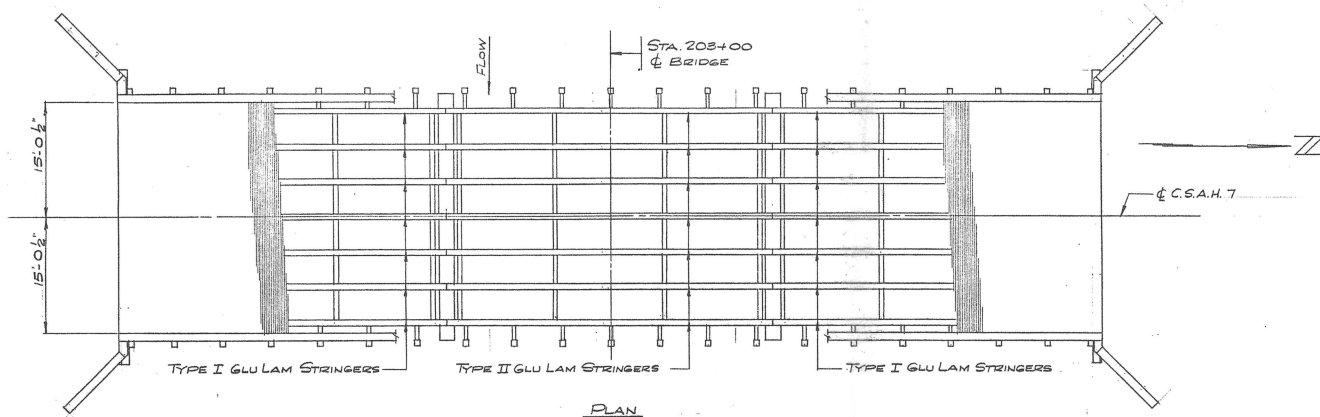
SCHEDULE OF QUANTITIES FOR ENTIRE BRIDGE

ITEM NO.	ITEM	QUAN.	UNIT
2403.502	TREATED TIMBER	743	M.B.M.
2403.506	HARDWARE	28.09	POUNDS
2402.321	STRUCTURAL STEEL (3302)	2.0 (9)	POUND
2511.501	RANDOM RIPRAP, CLASS A	156	CU. YD.
2511.501	FILTER BLANKET, TYPE SPECIAL	60	CU. YD.
403.602	PREFAB. TIMBER PANELS TYPE 'A30'	2	PANEL
403.604	PREFAB. TIMBER PANELS TYPE 'B30'	6	PANEL
403.604	PREFAB. TIMBER PANELS TYPE 'C30'	2	PANEL
403.604	PREFAB. TIMBER PANELS TYPE 'B32'	1	PANEL
403.604	PREFAB. TIMBER PANELS TYPE 'C32'	3	PANEL
403.604	PREFAB. TIMBER PANELS TYPE 'C32'	3	PANEL
2452.503	TREATED TIMBER PILING DELIVERED	200	CU. FT.
2452.504	TREATED TIMBER PILING DELIVERED	272	CU. FT.
2452.507	TREATED TIMBER TEST PILES 55 FT. LONG	2	EACH
2452.507	CAST-IN-PLACE CONCRETE PILES DELIVERED	400	CU. FT.
2452.508	CAST-IN-PLACE CONCRETE PILES 55 FT. LONG	400	CU. FT.
2452.508	CAST-IN-PLACE CONCRETE PILES 55 FT. LONG	2	EACH
403.609	TIMBER RAIL, TYPE 1	185 (9)	CU. YD.
2442.501	REMOVE OLD BRIDGE	1	LUMP SUM

(P) DENOTES PLAN QUANTITY PAY ITEMS PER M.H.D. 1901
① STA. 12+41.00

JOHNSONVILLE - GALT'S INC. REDWOOD CEM/HT
APPROVED. MY Galt 10-27-7
BRIDGE ENGINEER

64514 - LA



THE MINNESOTA HIGHWAY DEPARTMENTS' STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION "DATED JAN. 1, 1968 SHALL GOVERN.

LIST OF SHEETS	
SHT NO	DESCRIPTION
1	GENERAL PLAN AND ELEVATION
2	ABUTMENT DETAILS
3	DETAILS OF PIERS 1 & 2
4-5	SUPERSTRUCTURE DETAILS
6	DETAIL
7	BRIDGE SURVEY
8	BRIDGE SURVEY-PLAN AND SURVEY

APPROVED *[Signature]*
COUNTY ENGINEER
DATE 10-31-67 REDWOOD COUNTY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE 10-31-67 REG. No. 237

C.S.A.H. NO. 7 REDWOOD COUNTY
STATE OF MINNESOTA
DEPARTMENT OF HIGHWAY

BRIDGE NO. 64514
3 MILES NORTH OF BEVERE
OVER COTTONWOOD RIVER
3-42 FT GLUED LAMINATED
STRINGER SPANS
30 FT ROADWAY
GENERAL PLAN AND ELEVATION
SEC 7 TWP 109 R 287
LAMBERTON TWP REDWOOD COUNTY

MINNESOTA STRUCTURE INVENTORY REPORT

Bridge ID: 64516

CSAH 30 over REDWOOD RIVER

Date: 04/15/2025

+ GENERAL +			+ ROADWAY ON BRIDGE +			+ INSPECTION +		
Agency Br. No.		Crew	Facility		CSAH 30	Local Plan. Index		68
District	8	Maint. Area	LRS Mile Point		17.866	Overall Condition		FAIR
County		64 - REDWOOD	Ref Post		017+00.878	Last Routine Insp Date 09-18-2023		
City			Functional Class		MINOR COLLECTOR	Routine Insp Frequency 24		
Township	SHERIDAN		Urban Code		99999 - RURAL	Inspector Name REDWOOD COUNTY		
Desc. Loc.	0.9 MI W OF JCT CSAH 6		ADT (YEAR)		65 (2015)	Status A-OPEN		
Sect., Twp., Range		24 - 112N - 37W	HCA DT			+ NBI CONDITION RATINGS +		
Lat/Long		44.499925, -95.246506	Speed Limit			Deck 6		
Custodian	COUNTY		National Highway System		N	Superstructure 6		
Owner	COUNTY		Detour Length		3 mi.	Substructure 5		
Insp Responsibility REDWOOD COUNTY			Lanes		2 Lanes ON Bridge	Channel 7		
Year Built		1971	Control Section (TH Only)			Culvert N		
Date Opened to Traffic			Function MAINLINE			+ NBI APPRAISAL RATINGS +		
MN Year Remodeled			Type		2 WAY TRAF	Structure Evaluation 5		
FHWA Year Reconstructed			Bridge Match ID		1	Deck Geometry 7		
Bridge Plan Location		COUNTY	Roadway Key		1-ON	Underclearances N		
Potential ABC		N.A.	+ RDWY DIMENSIONS ON BRIDGE +			Waterway Adequacy 7		
On - Off System		OFF	If Divided		NB-EB SB-WB	Approach Alignment 7		
+ STRUCTURE +			Roadway Width		30.2 ft	+ SAFETY FEATURES +		
Service On		HIGHWAY	Vertical Clearance			Bridge Railing 0-SUBSTANDARD		
Service Under		STREAM	Max. Vert. Clear.			GR Transition 0-SUBSTANDARD		
Main Span Type		TIMB BEAM SPAN	Horizontal Clear.			Appr. Guardrail 0-SUBSTANDARD		
Main Span Detail			Appr. Surface Width		34.0 ft	GR Termini 0-SUBSTANDARD		
Appr. Span Type			Bridge Roadway Width		30.2 ft	+ IN DEPTH INSPECTIONS +		
Appr. Span Detail			Median Width on Bridge		NA	NSTM N		
Skew			+ MISC. BRIDGE DATA +			Underwater N		
Culvert Type			Structure Flared		NO	Pinned Asbly. N		
Barrel Length			Parallel Structure		NONE	+ WATERWAY +		
No of Spans		Main: 4 Appr: 0 Total: 4	Field Conn. ID			Drainage Area 681.0 sq mi		
Main Span Length		40.0 ft	Cantilever ID			Waterway Opening 2400 sq ft		
Structure Length		160.5 ft	+ FOUNDATIONS +			Navigation Control NO PRMT REQD		
Deck Width		32.0 ft	Abut.		TIMBER - PILE BENT	Pier Protection		
Deck Material		TIMBER	Pier		STEEL - PILE BENT	Nav. Vert./Horz. Clr.		
Deck Install Year			Historic Status		NOT ELIGIBLE	Nav. Vert. Lift Bridge Clear.		
Deck Rebar Layers UNKN			+ PAINT +			MN Scour Code N-STBL;LIM SCOUR		
Deck Rebar (NBI)		N/A	Year Painted			Scour Evaluation Year 2002		
Wear Surf Type		BITUMINOUS	Painted Area			+ CAPACITY RATINGS +		
Wear Surf Install Year			Primer Type			Design Load H 20		
Wear Course/Fill Depth		0.16 ft	Finish Type			Operating Rating HS 27.40		
Structure Area		5,136 sq ft	+ BRIDGE SIGNS +			Inventory Rating HS 19.30		
Roadway Area		4,844 sq ft	Posted Load		NOT REQUIRED	Posting		
Sidewalk Width - L/R			Traffic		NOT REQUIRED	Rating Date 08-04-2010		
Curb Height - L/R		0.75 ft 0.75 ft	Horizontal		OBJECT MARKERS	Overweight Permit Codes		
Rail Codes - L/R		38 38	Vertical		NOT APPLICABLE	A: N B: N C: N		

04/15/2025

Crew:

MINNESOTA BRIDGE INSPECTION REPORT

Insp Responsibility: REDWOOD COUNTY

BRIDGE 64516 CSAH 30 OVER REDWOOD RIVER

INSP. DATE: 09-18-2023

County:REDWOOD

Location: 0.9 MI W OF JCT CSAH 6

Length: 160.5 ft

City:

Facility: CSAH 30 Mile Pt: 17.866

Deck Width: 32.0 ft

Township: SHERIDAN

Control Section: Maint. Area:

Rdwy Area 4,844 sq ft

Section: 24 Township: 112N Range: 37W

Local Agency Bridge Nbr:

Paint Area

Main Span Type: TIMB BEAM SPAN

Culvert : M

NBI Deck: 6 Super: 6 Sub: 5 Chan: 7 Culv: N

Open, Posted, Closed: OPEN

Culvert : N/A

Appraisal Ratings - Approach: 7 Waterway: 7

MN Scour Code: N-STBL;LIM SCOUR

Local Plan. Index 68

Required Bridge Signs - Load Posting: NOT REQUIRED

Traffic: NOT REQUIRED

Overall Condition: Fair

Horizontal: OBJECT MARKERS

Vertical: NOT APPLICABLE

ELEM NBR	ELEMENT NAME	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
800	CRITICAL DEFS OR SAFETY HAZARDS	09-18-2023	1 EA	1	0	0	0
		09-19-2022	1 EA	1	0	0	0
	Notes: NONE FOUND						
31	TIMBER DECK	09-18-2023	5,136 SF	0	4,636	500	0
		09-19-2022	5,136 SF	0	4,636	500	0
	Notes: 2019 - DISCOLORATION 2021 - ALGAL GROWTH AND MINOR BOARD SEPARTION. NO CHANGE IN CS 2022 - 500 SQFT FOR SEPERATION AREAS, LARGER SEP IN BAY 3 AND 4, EAST BAY ALSO. 2023 - NO CHANGE						
510	WEARING SURFACE	09-18-2023	4,844 SF	0	0	3,844	1,000
		09-19-2022	4,844 SF	0	0	4,844	0
	Notes: 2019 - 1 1/2" CRACK ON WEST END, ALLOWING GRAVEL THOUGH, NEEDS OVERLAY 2020 NEEDS NEW O/L, TRANSVERSE CRACKS THROUGH OUT. 2021 - ADVANCED DETERIORATION OF BITUMINOUS OVERLAY. NO CHANGE IN CS 2022 - NO CHANGE 2023 - 20% OF CS4 FOR MAJOR CRACKS AND LEAKAGE						
332	TIMBER BRIDGE RAILING	09-18-2023	322 LF	0	322	0	0
		09-19-2022	322 LF	0	322	0	0
	Notes: 2019 - WEATHERED SURFACE, CRACKING AND SPLITING OCCURING. 2020 – NO CHANGE 2021 - NO CHANGE IN CS 2022 - NO CHANGE 2023 - NO CHANGE						
202	STEEL COLUMN	09-18-2023	15 EA	0	11	4	0
		09-19-2022	15 EA	0	11	4	0
	Notes: 14"- "H" Pile. 2019 - MINOR SURFACE RUST, FLAKING PAINT, PIER #3 PILE #5 CROSS BRACE BROKE AWAY @ BASE OF PILING 2020 – NO CHANGE 2021 - SIMILAR FINDINGS. MOVE 2 PILES WITH DISTORTION TO CS3. 2022 - PIER 3 COL. 2,3,4,5, AT CS3, SECTION LOSS AT THE BASE OF COL., ASSUMING THE SAME FOR PIER 2 IN THE WATER, DID NOT VERIFY AT TIME OF INSPECTION DUE TO WATER LEVELS. 2023 - NO CHANGE						
515	STEEL PROTECTIVE COATING	09-18-2023	700 SF	0	0	175	525
		09-19-2022	700 SF	0	0	175	525
	Notes: 2019 - MINOR SURFACE RUST, FLAKING PAINT, PRIMER SHOWING 2021 - PRIMARY SURFACE PROTECTION MISSING FOR MOST OF PILE. 75% CS4 ADN 25% CS3 2022 - NO CHANGE 2023 - NO CHANGE						
233	PRESTRESSED CONCRETE PIER CAP	09-18-2023	72 LF	54	18	0	0
		09-19-2022	72 LF	54	18	0	0
	Notes: 2019 - VERTICAL CRACK ON PIER 1 ON SOUTH END (1'), TRANSVERSE CRACK ON PIER 3 ON SOUTH END (5'). VERT. & LONG. CRACKING ON S. END OF PIER 3. VERT. CRACK ON PIER 1, SOUTH SIDE OF NORTH END, VERTICAL CRACK OVER PILE #3 ON PIER #2, VERTICAL CRACK OVER PILE #5 ON PIER #3 2020 – NO CHANGE 2021 - NO CHANGE IN CS						

111	TIMBER GIRDER OR BEAM	09-18-2023	1,119 LF	0	1,119	0	0
		09-19-2022	1,119 LF	0	1,119	0	0
Notes:	2019 - MINOR DISCOLORATION DUE TO LEAKAGE, MINOR CRACKS 2020 – NO CHANGE 2021 - ALGAL GROWTH AND DISCOLORATION BUT NO MAJOR SPLITS , DECAY, OR CRUSHING EVIDENT. NO CHANGE IN CS 2022 - NO CHANGE 2023 - NO CHANGE						
216	TIMBER ABUTMENT	09-18-2023	106 LF	0	106	0	0
		09-19-2022	106 LF	0	106	0	0
Notes:	2019 - MINOR DISCOLORATION AND CRACKING 2020 – NO CHANGE 2021 - ALGAL GROWTH BUT NO MAJOR SPLITTING DECAY OR CRUSHING. NO CHANGE IN CS 2023 - NO CHANGE						
228	TIMBER PILING	09-18-2023	24 EA	0	21	3	0
		09-19-2022	24 EA	0	21	3	0
Notes:	2019 - MINOR CRACKS, DISCOLORATION, PILE 1,8, AND 9 ON WEST ABUT HAVE FAINT HOLLOW SOUNDING 2020 – NO CHANGE 2021 - MOVED 3 PILES TO CS3 2022 - NO CHANGE 2023 - NO CHANGE						
885	SCOUR	09-18-2023	1 EA	0	1	0	0
		09-19-2022	1 EA	0	1	0	0
Notes:	2021 - POTENTIAL SCOUR AT PILE BENT PIERS CS2 2022 - NO CHANGE 2023 - NO CHANGE						
891	OTHER BRIDGE SIGNING	09-18-2023	1 EA	0	1	0	0
		09-19-2022	1 EA	0	1	0	0
Notes:	2019 - NW BENT AND ALL FADED 2020 - NE BENT 2021 - NO CHANGE IN CS 2022 - NO CHANGE 2023 - MINOR SURFACE DAMAGE						
892	SLOPES & SLOPE PROTECTION	09-18-2023	1 EA	0	1	0	0
		09-19-2022	1 EA	1	0	0	0
Notes:	NO ISSUES 2022 - NO CHANGE 2023 - MINOR SLUMPING						
894	DECK & APPROACH DRAINAGE	09-18-2023	1 EA	0	1	0	0
		09-19-2022	1 EA	0	1	0	0
Notes:	FAILED OVERLAY AND SEPARATED BRIDGE DECK PANELS ALLOWING WATER THROUGH DECK CS2 2022 - NO CHANGE 2023 - MINOR RUTTING ON APPROACH GRAVEL						
900	PROTECTED SPECIES	09-18-2023	1 EA	0	0	1	0
		09-19-2022	1 EA	0	0	1	0
Notes:	2019 - NESTS PRESENT 2020 – NO CHANGE 2021 - NESTS PRESENT 2022 - NO CHANGE 2023 - NO CHANGE						
General	Time extension granted by Ed Lutgen (MN/Dot Bridge Office) in email to Redwood Co. on 11/12/2020.						
Notes:	2021 - REPLACE BITUMINOUS OVERLAY AND SEAL TIMBER DECK. REMOVE GRAVEL ACCUMULATION FROM GUTTERLINES. CLEAN AND REPAINT STEEL PILE AT PIERS.						
Deck:	[6] ADVANCED DETERIORATION IN BITUMINOUS OVERLAY. SEPARATIONS IN TIMBER DECKING. ADVANCED ALGAL GROWTH AND DISCOLORATION 2023 - NO CHANGE						
Superstructure:	[6] ADVANCED ALGAL GROWTH AND DISCOLORATION. NO SIGNIFICANT SPLITTING OR CRUSHING. LOTS OF PIGEON FECES. 2023 - NO CHANGE						

Substructure: [5] ADVANCED ALGAL GROWTH AND DISCOLORATION. SURFACE CHECKING OF PILES. NO SIGNIFICANT SPLITS OR CRUSHING. STEEL PILE AT PIERS RUSTED WITH MINOR DISTORTION.
2022 - SECTION LOSS AT THE BASE AND WATERLINE ON STEEL COLUMNS.
2023 - NO CHANGE

MINNESOTA STRUCTURE INVENTORY REPORT

Bridge ID: 64512

CSAH 17 over REDWOOD RIVER

Date: 04/15/2025

+ GENERAL +				+ ROADWAY ON BRIDGE +				+ INSPECTION +					
Agency Br. No.		Crew		Facility		CSAH 17		Local Plan. Index		69			
District	8	Maint. Area		LRS Mile Point		22.079		Overall Condition		FAIR			
County		64 - REDWOOD		Ref Post		022+00.340		Last Routine Insp Date		10-02-2024			
City				Functional Class		MINOR COLLECTOR		Routine Insp Frequency		24			
Township		REDWOOD FALLS		Urban Code		99999 - RURAL		Inspector Name		REDWOOD COUNTY			
Desc. Loc.		1.5 MI S OF JCT TH 19		ADT (YEAR)		120 (2019)		Status		A-OPEN			
Sect., Twp., Range		09 - 112N - 36W		HCA DT				+ NBI CONDITION RATINGS +					
Lat/Long		44.523706, -95.171547		Speed Limit				Deck		6			
Custodian		COUNTY		National Highway System		N		Superstructure		6			
Owner		COUNTY		Detour Length		9 mi.		Substructure		6			
Insp Responsibility				REDWOOD COUNTY		Lanes		2 Lanes ON Bridge		Channel		7	
Year Built		1976		Control Section (TH Only)				Culvert		N			
Date Opened to Traffic				Function				MAINLINE				+ NBI APPRAISAL RATINGS +	
MN Year Remodeled				Type		2 WAY TRAF		Structure Evaluation		6			
FHWA Year Reconstructed				Bridge Match ID		1		Deck Geometry		7			
Bridge Plan Location		COUNTY		Roadway Key		1-ON		Underclearances		N			
Potential ABC		N.A.		+ RDWY DIMENSIONS ON BRIDGE +				Waterway Adequacy		7			
On - Off System		OFF		If Divided		NB-EB SB-WB		Approach Alignment		7			
+ STRUCTURE +				Roadway Width		32.0 ft		+ SAFETY FEATURES +					
Service On		HIGHWAY		Vertical Clearance				Bridge Railing		0-SUBSTANDARD			
Service Under		STREAM		Max. Vert. Clear.				GR Transition		0-SUBSTANDARD			
Main Span Type		TIMB BEAM SPAN		Horizontal Clear.				Appr. Guardrail		0-SUBSTANDARD			
Main Span Detail				Appr. Surface Width		30.0 ft		GR Termini		0-SUBSTANDARD			
Appr. Span Type				Bridge Roadway Width		32.0 ft		+ IN DEPTH INSPECTIONS +					
Appr. Span Detail				Median Width on Bridge		NA		NSTM		N			
Skew				+ MISC. BRIDGE DATA +				Underwater		N			
Culvert Type				Structure Flared		NO		Pinned Asbly.		N			
Barrel Length				Parallel Structure		NONE		+ WATERWAY +					
No of Spans		Main: 5 Appr: 0 Total: 5		Field Conn. ID				Drainage Area		697.0 sq mi			
Main Span Length		40.0 ft		Cantilever ID				Waterway Opening		1000 sq ft			
Structure Length		200.5 ft		+ FOUNDATIONS +				Navigation Control		NO PRMT REQD			
Deck Width		34.0 ft		Abut.		TIMBER - PILE BENT		Pier Protection					
Deck Material		TIMBER		Pier		CONC - PILE BENT		Nav. Vert./Horz. Clr.					
Deck Install Year				Historic Status		NOT ELIGIBLE		Nav. Vert. Lift Bridge Clear.					
Deck Rebar Layers				UNKN				+ PAINT +					
Deck Rebar (NBI)		N/A		Year Painted				MN Scour Code		O-STBL;ACT REQD			
Wear Surf Type		BITUMINOUS		Painted Area				+ CAPACITY RATINGS +					
Wear Surf Install Year				Primer Type				Design Load		HS 20			
Wear Course/Fill Depth				Finish Type				Operating Rating		HS 27.60			
Structure Area		6,817 sq ft		+ BRIDGE SIGNS +				Inventory Rating		HS 20.80			
Roadway Area		6,415 sq ft		Posted Load		NOT REQUIRED		Posting					
Sidewalk Width - L/R				Traffic		NOT REQUIRED		Rating Date		04-09-2014			
Curb Height - L/R		0.75 ft	0.75 ft	Horizontal		OBJECT MARKERS		Overweight Permit Codes					
Rail Codes - L/R		06	06	Vertical		NOT APPLICABLE		A: N		B: N C: N			

04/15/2025

Crew:

MINNESOTA BRIDGE INSPECTION REPORT

Insp Responsibility: REDWOOD COUNTY

BRIDGE 64512 CSAH 17 OVER REDWOOD RIVER**INSP. DATE: 10-02-2024**

County: REDWOOD

Location: 1.5 MI S OF JCT TH 19

Length: 200.5 ft

City:

Facility: CSAH 17 Mile Pt: 22.079

Deck Width: 34.0 ft

Township: REDWOOD FALLS

Control Section: Maint. Area:

Rdwy. Area 6,415 sq ft

Section: 09 Township: 112N Range: 36W

Local Agency Bridge Nbr:

Paint Area

Main Span Type: TIMB BEAM SPAN

Open, Posted, Closed: OPEN

Culvert : N/A

NBI Deck: 6 Super: 6 Sub: 6 Chan: 7 Culv: N

Appraisal Ratings - Approach: 7 Waterway: 7

MN Scour Code: O-STBL;ACT REQD

Local Plan. Index 69

Required Bridge Signs - Load Posting: NOT REQUIRED

Traffic: NOT REQUIRED

Overall Condition: Fair

Horizontal: OBJECT MARKERS

Vertical: NOT APPLICABLE

ELEM NBR	ELEMENT NAME	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
800	CRITICAL DEFS OR SAFETY HAZARDS	10-02-2024	1 EA	1	0	0	0
		10-10-2022	1 EA	1	0	0	0
Notes: NONE FOUND							
31	TIMBER DECK	10-02-2024	6,817 SF	0	6,817	0	0
		10-10-2022	6,817 SF	0	6,817	0	0
Notes: 2017 - MINOR WEATHERING AND STAINING FROM LEAKING OVERLAY 2024 - NO CHANGE							
510	WEARING SURFACE	10-02-2024	6,415 SF	0	0	6,245	170
		10-10-2022	6,415 SF	0	0	6,415	0
Notes: 2017 - NORTH ABUT. SEPARATING AT TOP, 1" SEPARATION, GRAVEL COMING THROUGH, POTHOLE FORMING IN O/L 35' FROM NORTH END 2018 - ALLIGATOR CRACKING IN AC OVERLAY 2020 - NO CHANGE 2021 - ADVANCED DETERIORATION OF BITUMINOUS OVERLAY. NO CHANGE IN CS 2022 - NO CHANGE 2024 - POPOUTS AND POTHOLE FORMING, LARGE CRACKS, 170 AT CS4, NEEDS OVERLAY							
332	TIMBER BRIDGE RAILING	10-02-2024	400 LF	0	400	0	0
		10-10-2022	400 LF	0	400	0	0
Notes: 2017 - MINOR CRACKS WITH A WEATHERED SURFACE, SAME IN RAIL POST. 2020 - NO CHANGE 2021 - NO DEFORMATION OR DAMAGE. NO CHANGE IN CS 2024 - NO CHANGE							
823	GRAVEL APPROACH ROADWAY	10-02-2024	2 EA	2	0	0	0
		10-10-2022	2 EA	2	0	0	0
Notes: 2021 - ELEMENT ADDED. NO ISSUES 2024 - MINOR RUTTING OCCURRING							
225	STEEL OR CIP PILING	10-02-2024	16 EA	0	16	0	0
		10-10-2022	16 EA	0	16	0	0
Notes: 2017 - FLAKING PAINT W/MINOR RUST ON PILING IN WATER 2024 - NO CHANGE							
515	STEEL PROTECTIVE COATING	10-02-2024	1,280 SF	0	256	640	384
		10-10-2022	1,280 SF	0	400	752	128
Notes: 2017 - FLAKING PAINT W/MINOR RUST ON PILING IN WATER, CHAULKING PAINT 2020 - NO CHANGE 2021 - COMPLETE FAILURE OF COATING AT BOTTOM 10% OF PILE NEAR WATERLINE CS4 2022 - NO CHANGE 2024 - 30% CS4, 50% CS3							
234	REINFORCED CONCRETE PIER CAP	10-02-2024	135 LF	113	22	0	0
		10-10-2022	135 LF	113	22	0	0
Notes: 2017 - CRACK OVER FIRST PILING ON SECOND CAP, CRACK OVER FOURTH PILING ON 3RD CAP 2024 - NO CHANGE							
111	TIMBER GIRDER OR BEAM	10-02-2024	1,401 LF	701	700	0	0
		10-10-2022	1,401 LF	701	700	0	0

2024 - NO CHANGE

General Time extension granted by Ed Lutgen (MN/Dot Bridge Office) in email to Redwood Co. on 11/12/2020.

Notes: 2021 - CLEAN AND PAINT PIER PILES. REMOVE GRAVEL FROM GUTTERLINES. REMOVE BIT OVERLAY, SEAL TIMBER DECKING. RE-TREAT TIMBER BEAMS AND GUARD RAIL.

Deck: [6] ADVANCED DETERIORATION OF BITUMINOUS OVERLAY. ALGAL GROWTH, DISCOLORATION AND SEPARATION IN TIMBER DECKING
2024 - NO CHANGE

Superstructure: [6] DISCOLORATION AND ALGAL GROWTH ON TIMBER GIRDERS. NO SIGNIFICANT SPLITTING OR CRUSHING NOTED.
2024 - NO CHANGE

Substructure: [6] FAILING PAINT AT PIER BENTS. SURFACE CHECKING IN ABUTMENT PILE CAPS.
2024 - NO CHANGE

MINNESOTA STRUCTURE INVENTORY REPORT

Bridge ID: 64515

DAYTON AVE over REDWOOD RIVER

Date: 04/15/2025

+ GENERAL +			+ ROADWAY ON BRIDGE +			+ INSPECTION +		
Agency Br. No.		Crew	Facility		CR 59	Local Plan. Index		77
District	8	Maint. Area	LRS Mile Point		2.421	Overall Condition		FAIR
County		64 - REDWOOD	Ref Post		002+00.350	Last Routine Insp Date		10-22-2024
City			Functional Class		LOCAL	Routine Insp Frequency		24
Township		VESTA	Urban Code		99999 - RURAL	Inspector Name		REDWOOD COUNTY
Desc. Loc.		1.1 MI S OF JCT CSAH 30	ADT (YEAR)		85 (2019)	Status		A-OPEN
Sect., Twp., Range		19 - 112N - 38W	HCA DT			+ NBI CONDITION RATINGS +		
Lat/Long		44.494469, -95.472625	Speed Limit			Deck		6
Custodian		COUNTY	National Highway System		N	Superstructure		6
Owner		COUNTY	Detour Length		6 mi.	Substructure		7
Insp Responsibility		REDWOOD COUNTY	Lanes		2 Lanes ON Bridge	Channel		7
Year Built		1971	Control Section (TH Only)			Culvert		N
Date Opened to Traffic			FunctionMAINLINE			+ NBI APPRAISAL RATINGS +		
MN Year Remodeled			Type		2 WAY TRAF	Structure Evaluation		6
FHWA Year Reconstructed			Bridge Match ID		1	Deck Geometry		7
Bridge Plan Location		COUNTY	Roadway Key		1-ON	Underclearances		N
Potential ABC		N.A.	+ RDWY DIMENSIONS ON BRIDGE +			Waterway Adequacy		7
On - Off System		OFF	If Divided		NB-EB SB-WB	Approach Alignment		7
+ STRUCTURE +			Roadway Width		28.2 ft	+ SAFETY FEATURES +		
Service On		HIGHWAY	Vertical Clearance			Bridge Railing		0-SUBSTANDARD
Service Under		STREAM	Max. Vert. Clear.			GR Transition		0-SUBSTANDARD
Main Span Type		TIMB SLAB SPAN	Horizontal Clear.			Appr. Guardrail		0-SUBSTANDARD
Main Span Detail			Appr. Surface Width		28.0 ft	GR Termini		0-SUBSTANDARD
Appr. Span Type			Bridge Roadway Width		28.2 ft	+ IN DEPTH INSPECTIONS +		
Appr. Span Detail			Median Width on Bridge		NA	NSTM		N
Skew			+ MISC. BRIDGE DATA +			Underwater		N
Culvert Type			Structure Flared		NO	Pinned Asbly.		N
Barrel Length			Parallel Structure		NONE	+ WATERWAY +		
No of Spans		Main: 3 Appr: 0 Total: 3	Field Conn. ID			Drainage Area		554.0 sq mi
Main Span Length		31.5 ft	Cantilever ID			Waterway Opening		960 sq ft
Structure Length		96.5 ft	+ FOUNDATIONS +			Navigation Control		NO PRMT REQD
Deck Width		31.0 ft	Abut.		TIMBER - PILE BENT	Pier Protection		
Deck Material		TIMBER	Pier		STEEL - PILE BENT	Nav. Vert./Horz. Clr.		
Deck Install Year			Historic Status		NOT ELIGIBLE	Nav. Vert. Lift Bridge Clear.		
Deck Rebar Layers			+ PAINT +			MN Scour Code		L-STBL;LOW RISK
Deck Rebar (NBI)			Year Painted			Scour Evaluation Year		2002
Wear Surf Type		BITUMINOUS	Painted Area			+ CAPACITY RATINGS +		
Wear Surf Install Year			Primer Type			Design Load		H 20
Wear Course/Fill Depth		0.25 ft	Finish Type			Operating Rating		HS 28.20
Structure Area		2,992 sq ft	+ BRIDGE SIGNS +			Inventory Rating		HS 19.80
Roadway Area		2,723 sq ft	Posted Load		NOT REQUIRED	Posting		
Sidewalk Width - L/R			Traffic		NOT REQUIRED	Rating Date		04-09-2014
Curb Height - L/R			Horizontal		OBJECT MARKERS	Overweight Permit Codes		
Rail Codes - L/R		02 02	Vertical		NOT APPLICABLE	A: N B: N C: N		

2024 - NO CHANGE

515 STEEL PROTECTIVE COATING	10-22-2024	300 SF	0	0	300	0
	09-12-2022	300 SF	0	0	300	0

Notes: 2019 - MINOR FLAKING PAINT & RUST
2020-2024 - NO CHANGE

111	TIMBER GIRDER OR BEAM	10-22-2024	672 LF	400	272	0	0
		09-12-2022	672 LF	400	272	0	0

Notes: 2019 -DISCOLORATION FROM LEAKAGE.
2020-2024 - NO CHANGE

216	TIMBER ABUTMENT	10-22-2024	102 LF	0	102	0	0
		09-12-2022	102 LF	0	102	0	0

Notes: 2019- DISCOLORATION
2020 - MINOR GREEN ROT ON ENDS AND MINOR CRACKS OCCURING
2022-2024 - NO CHANGE

228	TIMBER PILING	10-22-2024	16 EA	0	15	1	0
		09-12-2022	16 EA	0	15	1	0

Notes: 2019 - MINOR DISCOLORATION, MINOR CRACKS, COL.3 ON SOUTH ABUT. COND.2 2017 - AND COL.5 ON NORTH ABUT.
2019 - NW WING AT 3. ALL AT COND.2.
2020-2024 - NO CHANGE

235	TIMBER PIER CAP	10-22-2024	124 LF	0	112	12	0
		09-12-2022	62 LF	0	50	12	0

Notes: 2019 - MINOR DISCOLORATION, AND MINOR CRACKING, LONG. CRACKING ON ALL. BOTH STARTING TO TIP BACK, MINOR GREEN ROT ON ENDS, MORE SO ON SOUTH, HEAVIER CRACKING ON SOUTH
2020-2022 - NO CHANGE
2024 - ADDED ABUTMENT CAP QTYS, ABUTMENT CAPS ARE WEATHERED AND CHECKED

885	SCOUR	10-22-2024	1 EA	0	1	0	0
		09-12-2022	1 EA	0	1	0	0

Notes: NO SCOUR COUNTERMEASURES. POTENTIAL SCOUR AT PIER COLUMNS. ADD TO UNDERWATER LIST FOR IN DEPTH EVALUATION
2022-2024 - NO CHANGE

891	OTHER BRIDGE SIGNING	10-22-2024	1 EA	1	0	0	0
		09-12-2022	1 EA	1	0	0	0

Notes: 2021 - OBJECT MARKERS IN GOOD CONDITION
2022-2024 - NO CHANGE

892	SLOPES & SLOPE PROTECTION	10-22-2024	1 EA	0	1	0	0
		09-12-2022	1 EA	0	1	0	0

Notes: 2021 - BANK EROSION DOWNSTREAM
2022-2024 - NO CHANGE

894	DECK & APPROACH DRAINAGE	10-22-2024	1 EA	1	0	0	0
		09-12-2022	1 EA	1	0	0	0

Notes: 2021 - EDGE OF DECK THROUGH CURB. OPEN
2022-2024 - NO CHANGE

900	PROTECTED SPECIES	10-22-2024	1 EA	0	0	1	0
		09-12-2022	1 EA	0	0	1	0

Notes: 2019-2024 - NESTS PRESENT

General 2021 - SUBSTANDARD GUARDRAIL. UNPROTECTED BANKS ARE ERODING DOWN STREAM. DEBRIS GATHERING AT
Notes: PIERS. ADD TO UNDERWATER INSPECTION LIST FOR POTENTIAL SCOUT AT PIER LEGS.

Deck: [6] GRAVEL OVERLAY. MOISTURE AND DISCOLORATION BELOW.
2022-2024 - NO CHANGE

Superstructure: [6] HOLDING WATER. MINOR DECAY
2022-2024 - NO CHANGE

Substructure: [7] NO VISIBLE DISTORTION IN PILE

Channel: [7]

Waterway [7]

Adeq:

Appr Roadway [7]
Alignment:

MINNESOTA STRUCTURE INVENTORY REPORT

Bridge ID: 64528

110TH ST over PLUM CREEK

Date: 04/15/2025

+ GENERAL +			+ ROADWAY ON BRIDGE +			+ INSPECTION +		
Agency Br. No.		Crew	Facility	CR 78		Local Plan. Index		64
District	8	Maint. Area	LRS Mile Point	0.851		Overall Condition		FAIR
County	64 - REDWOOD		Ref Post	000+00.870		Last Routine Insp Date 09-10-2024		
City			Functional Class	MINOR COLLECTOR		Routine Insp Frequency 24		
Township	SPRINGDALE		Urban Code	99999 - RURAL		Inspector Name REDWOOD COUNTY		
Desc. Loc.	0.9 MI W OF JCT CSAH 5		ADT (YEAR)	115 (2011)		Status A-OPEN		
Sect., Twp., Range		36 - 109N - 39W	HCADT			+ NBI CONDITION RATINGS +		
Lat/Long	44.208217, -95.488808		Speed Limit			Deck	6	
Custodian	COUNTY		National Highway System		N	Superstructure	6	
Owner	COUNTY		Detour Length		3 mi.	Substructure	5	
Insp Responsibility REDWOOD COUNTY			Lanes	2 Lanes ON Bridge		Channel	6	
Year Built	1977		Control Section (TH Only)			Culvert	N	
Date Opened to Traffic			Function MAINLINE			+ NBI APPRAISAL RATINGS +		
MN Year Remodeled			Type	2 WAY TRAF		Structure Evaluation	5	
FHWA Year Reconstructed			Bridge Match ID	1		Deck Geometry	6	
Bridge Plan Location COUNTY			Roadway Key 1-ON			Underclearances	N	
Potential ABC	N.A.		+ RDWY DIMENSIONS ON BRIDGE +			Waterway Adequacy	8	
On - Off System	OFF		If Divided	NB-EB	SB-WB	Approach Alignment	4	
+ STRUCTURE +			Roadway Width 28.0 ft			+ SAFETY FEATURES +		
Service On	HIGHWAY		Vertical Clearance			Bridge Railing	0-SUBSTANDARD	
Service Under	STREAM		Max. Vert. Clear.			GR Transition	N-NOT REQUIRED	
Main Span Type	TIMB SLAB SPAN		Horizontal Clear.			Appr. Guardrail	N-NOT REQUIRED	
Main Span Detail			Appr. Surface Width	28.0 ft		GR Termini	N-NOT REQUIRED	
Appr. Span Type			Bridge Roadway Width	28.0 ft		+ IN DEPTH INSPECTIONS +		
Appr. Span Detail			Median Width on Bridge	NA		NSTM	N	
Skew			+ MISC. BRIDGE DATA +			Underwater	N	
Culvert Type			Structure Flared	NO		Pinned Asbly.	N	
Barrel Length			Parallel Structure	NONE		+ WATERWAY +		
No of Spans	Main: 3 Appr: 0 Total: 3		Field Conn. ID			Drainage Area	64.5 sq mi	
Main Span Length	32.0 ft		Cantilever ID			Waterway Opening	880 sq ft	
Structure Length	92.0 ft		+ FOUNDATIONS +			Navigation Control	NO PRMT REQD	
Deck Width	30.0 ft		Abut.	TIMBER - PILE BENT		Pier Protection		
Deck Material	TIMBER		Pier	CIP - PILE BENT		Nav. Vert./Horz. Clr.		
Deck Install Year			Historic Status	NOT ELIGIBLE		Nav. Vert. Lift Bridge Clear.		
Deck Rebar Layers UNKN			+ PAINT +			MN Scour Code	O-STBL;ACT REQD	
Deck Rebar (NBI) N/A			Year Painted			Scour Evaluation Year	2010	
Wear Surf Type	BITUMINOUS		Painted Area			+ CAPACITY RATINGS +		
Wear Surf Install Year			Primer Type			Design Load	HS 20	
Wear Course/Fill Depth 0.25 ft			Finish Type			Operating Rating	HS 32.80	
Structure Area	2,760 sq ft		+ BRIDGE SIGNS +			Inventory Rating	HS 23.00	
Roadway Area	2,573 sq ft		Posted Load	NOT REQUIRED		Posting		
Sidewalk Width - L/R			Traffic	NOT REQUIRED		Rating Date	04-09-2014	
Curb Height - L/R	0.75 ft	0.75 ft	Horizontal	OBJECT MARKERS		Overweight Permit Codes		
Rail Codes - L/R	06	06	Vertical	NOT APPLICABLE		A: N	B: N	C: N

04/15/2025

Crew:

MINNESOTA BRIDGE INSPECTION REPORT

Insp Responsibility: REDWOOD COUNTY

BRIDGE 64528 110TH ST OVER PLUM CREEK

INSP. DATE: 09-10-2024

County:REDWOOD

Location: 0.9 MI W OF JCT CSAH 5

Length: 92.0 ft

City:

Facility: CR 78

Mile Pt: 0.851

Deck Width: 30.0 ft

Township: SPRINGDALE

Control Section:

Maint. Area:

Rdwy Area 2,573 sq ft

Section: 36 Township: 109N Range: 39W

Local Agency Bridge Nbr:

Paint Area

Main Span Type: TIMB SLAB SPAN

Culvert : M

NBI Deck: 6 Super: 6 Sub: 5 Chan: 6 Culv: N

Open, Posted, Closed: OPEN

Culvert : N/A

Appraisal Ratings - Approach: 4 Waterway: 8

MN Scour Code: O-STBL;ACT REQD

Local Plan. Index 64

Required Bridge Signs - Load Posting: NOT REQUIRED

Traffic: NOT REQUIRED

Overall Condition: Fair

Horizontal: OBJECT MARKERS

Vertical: NOT APPLICABLE

ELEM NBR	ELEMENT NAME	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
800	CRITICAL DEFS OR SAFETY HAZARDS	09-10-2024	1 EA	1	0	0	0
		11-02-2022	1 EA	1	0	0	0
Notes: 2019 - NONE							
54	TIMBER SLAB	09-10-2024	2,760 SF	0	2,760	0	0
		11-02-2022	2,760 SF	0	2,760	0	0
Notes: 2018 - STAINING FROM LEAKAGE 2019 - MODERATE WEATHERING 2024 - NO CHANGE							
510	WEARING SURFACE	09-10-2024	2,573 SF	0	2,573	0	0
		11-02-2022	2,573 SF	0	2,573	0	0
Notes: 2018 - CRACKS ON TOP, ALSO LEAKING UNDER DECK IN CENTER OF BRIDGE OVER PIER CAP. RECENTLY PATCHED EXPOSED TIE BARS AT PIERS, LONG. AND TRANS. CRACKS IN BIT. SURFACE, LEAKING IN VARIOUS SPOTS. 2019 - NO CHANGE. 2020 - VARIOUS POTHoles FORMING IN BIT. 2021 - 2022 - NO CHANGE 2024 - CRACK SEALED, SEALCOAT, FOGSEAL IN '24 NO CHANGE IN CS.							
332	TIMBER BRIDGE RAILING	09-10-2024	184 LF	0	178	0	6
		11-02-2022	184 LF	0	184	0	0
Notes: 2018 - DISCOLORATION AND MINOR CRACKS - SOME GREEN ROT OCCURRING. 2019 - NO CHANGE. 2020 - MINOR SECTION LOSS ON SE CORNER (6') 2024 - NO CHANGE							
822	BITUMINOUS APPROACH ROADWAY	09-10-2024	2 EA	0	2	0	0
		11-02-2022	2 EA	0	2	0	0
Notes: 2018 - MINOR DIPS 2019 - MODERATE CRACKING/ DETERIORATION. 2024 - NO CHANGE							
225	STEEL OR CIP PILING	09-10-2024	10 EA	0	0	10	0
		11-02-2022	10 EA	0	0	10	0
Notes: 2018 - FLAKING PAINT W/MINOR RUST, HEAVY FLAKING & RUST ON TOP PLATES ON PILING AND ALL HAVE FLAKING PAINT ON THE BASE OF THE PILES SIGNS OF DECK LEAKAGE AT PIERS. 2019 - NO CHANGE. 2020 - SOME SECTION LOSS OCCURING 2021 - SECTION LOSS IS AT TOP OF CIP 2024 - NO CHANGE							
515	STEEL PROTECTIVE COATING	09-10-2024	450 SF	0	0	225	225
		11-02-2022	450 SF	0	0	350	100
Notes: 2018 - FLAKING PAINT WITH MINOR RUST 2019 - 25% PAINT FAILURE (CS4). 2020 - 2022 – NO CHANGE 2024 - 50% FAILURE							

156	TIMBER FLOORBEAM	09-10-2024 11-02-2022	90 LF 90 LF	0 0	90 90	0 0	0 0
Notes: 2019 - MODERATE WEATHERING 2020 - MINOR CRACKING 2024 - NO CHANGE							
216	TIMBER ABUTMENT	09-10-2024 11-02-2022	80 LF 80 LF	0 0	80 80	0 0	0 0
Notes: 2018 - MINOR SEPARATION AND CRACKING, AND GREEN ROT PRESENT, ALSO ON WINGS 2024 - NO CHANGE							
228	TIMBER PILING	09-10-2024 11-02-2022	12 EA 12 EA	0 0	9 9	3 3	0 0
Notes: 2018 - SPLIT ON 1ST COLUMN ALSO ON 6TH ON WEST ABUT, AND 2nd ON EAST - BOTH COND. 3, HEAVY CRACKING COL. 1 ON WEST COND. 3, HEAVY CRACKING. 2024 - NO CHANGE							
235	TIMBER PIER CAP	09-10-2024 11-02-2022	121 LF 121 LF	60 60	51 51	10 10	0 0
Notes: 2018 - VERTICAL CRACK DOWN GRAIN FROM WEST ON BOTH PIERS ALSO ON EAST, CRACKING ON ENDS, GREEN ROT ON SW END 2019 - 10LF CS3 DUE TO ADVANCED CHECKING 2024 - NO CHANGE							
885	SCOUR	09-10-2024 11-02-2022	1 EA 1 EA	1 1	0 0	0 0	0 0
Notes: 2024 - NO ISSUES NOTED							
891	OTHER BRIDGE SIGNING	09-10-2024 11-02-2022	1 EA 1 EA	1 1	0 0	0 0	0 0
Notes: 2019 - NO ISSUES NOTED. 2024 - NO CHANGE							
892	SLOPES & SLOPE PROTECTION	09-10-2024 11-02-2022	1 EA 1 EA	0 0	1 1	0 0	0 0
Notes: 2018 - MINOR SLUMPING EAST 2024 - NO CHANGE							
894	DECK & APPROACH DRAINAGE	09-10-2024 11-02-2022	1 EA 1 EA	1 1	0 0	0 0	0 0
Notes: 2019 - 2022 - NO ISSUES NOTED 2024 - NO CHANGE							
900	PROTECTED SPECIES	09-10-2024 11-02-2022	1 EA 1 EA	0 0	0 0	1 1	0 0
Notes: 2018 - NESTS PRESENT 2024 - NO CHANGE							

General RECOMMENDED MAINTENANCE:

Notes: 2019 - REPAINT PIER PILES

Deck: [6] CONSIDERS CONDITION OF GRAVEL ON BITUMINOUS WEARING SURFACE ON TIMBER SLAB
2019 - MINOR TO MODERATE DETERIORATION.
2024 - NO CHANGE

Transitions: [N] NR - EXISTING ADT IS BELOW 400 AND THE BRIDGE CLEAR WIDTH IS EQUAL TO OR GREATER THAN APPROACH
ROADWAY WIDTH.

Appr Guardrail: [N] NR - EXISTING ADT IS BELOW 400 AND THE BRIDGE CLEAR WIDTH IS EQUAL TO OR GREATER THAN APPROACH
ROADWAY WIDTH.

Appr Guardrail Terminal: [N] NR - EXISTING ADT IS BELOW 400 AND THE BRIDGE CLEAR WIDTH IS EQUAL TO OR GREATER THAN APPROACH
ROADWAY WIDTH.

Superstructure: [6] 2019 - MODERATE WEATHERING & STAINING.
2024 - NO CHANGE

Substructure: [5] 2019 - EXTENSIVE PAINT FAILURE W/ MODERATE CORROSION OF STEEL MEMBERS. EXTENSIVE SPLITTING OF
TIMBER ELEMENTS.
2024 - NO CHANGE

Channel: [6] 2019 - DEBRIS/ BUILD-UP SLIGHTLY RESTRICTING CHANNEL. MODERATE EROSION & DETERIORATION OF PROTECTION.
2024 - NO CHANGE

Waterway [8] ROADWAY ABOVE APPROACH
Adeq: 2024 - NO CHANGE

Appr Roadway [4] SIGNIFICANT SPEED REDUCTION DUE TO ALIGNMENT (6-10MPH FOR TYP. USER)
Alignment: 2024 - NO CHANGE

MINNESOTA STRUCTURE INVENTORY REPORT

Bridge ID: 64531

CSAH 5 over COTTONWOOD RIVER

Date: 04/15/2025

+ GENERAL +			+ ROADWAY ON BRIDGE +			+ INSPECTION +			
Agency Br. No.		Crew	Facility		CSAH 5	Local Plan. Index		58	
District	8	Maint. Area	LRS Mile Point		8.851	Overall Condition		FAIR	
County		64 - REDWOOD	Ref Post		008+00.890	Last Routine Insp Date		11-12-2024	
City			Functional Class		MAJOR COLLECTOR	Routine Insp Frequency		24	
Township	JOHNSONVILLE		Urban Code		99999 - RURAL	Inspector Name		REDWOOD COUNTY	
Desc. Loc.		0.3 MI S OF JCT CSAH 4	ADT (YEAR)		495 (2015)	Status		P-LOAD POSTED	
Sect., Twp., Range		19 - 110N - 38W	HCA DT			+ NBI CONDITION RATINGS +			
Lat/Long		44.324581, -95.472678	Speed Limit			Deck		5	
Custodian	COUNTY		National Highway System		N	Superstructure		6	
Owner	COUNTY		Detour Length		3 mi.	Substructure		6	
Insp Responsibility		REDWOOD COUNTY	Lanes		2 Lanes ON Bridge	Channel		6	
Year Built		1978	Control Section (TH Only)			Culvert		N	
Date Opened to Traffic			Function			MAINLINE			
MN Year Remodeled			Type		2 WAY TRAF	Structure Evaluation		6	
FHWA Year Reconstructed			Bridge Match ID		1	Deck Geometry		8	
Bridge Plan Location		COUNTY	Roadway Key			1-ON		Underclearances	N
Potential ABC		N.A.	+ RDWY DIMENSIONS ON BRIDGE +			Waterway Adequacy		8	
On - Off System		ON	If Divided		NB-EB SB-WB	Approach Alignment		8	
+ STRUCTURE +			Roadway Width		40.0 ft	+ SAFETY FEATURES +			
Service On		HIGHWAY	Vertical Clearance			Bridge Railing		0-SUBSTANDARD	
Service Under		STREAM	Max. Vert. Clear.			GR Transition		0-SUBSTANDARD	
Main Span Type		TIMB BEAM SPAN	Horizontal Clear.			Appr. Guardrail		0-SUBSTANDARD	
Main Span Detail			Appr. Surface Width		40.0 ft	GR Termini		0-SUBSTANDARD	
Appr. Span Type			Bridge Roadway Width		40.0 ft	+ IN DEPTH INSPECTIONS +			
Appr. Span Detail			Median Width on Bridge		NA	NSTM		N	
Skew			+ MISC. BRIDGE DATA +			Underwater		N	
Culvert Type			Structure Flared		NO	Pinned Asbly.		N	
Barrel Length			Parallel Structure		NONE	+ WATERWAY +			
No of Spans		Main: 4 Appr: 0 Total: 4	Field Conn. ID			Drainage Area		213.0 sq mi	
Main Span Length		45.0 ft	Cantilever ID			Waterway Opening		1640 sq ft	
Structure Length		180.0 ft	+ FOUNDATIONS +			Navigation Control		NO PRMT REQD	
Deck Width		42.0 ft	Abut.		TIMBER - PILE BENT	Pier Protection			
Deck Material		TIMBER	Pier		STEEL - PILE BENT	Nav. Vert./Horz. Clr.			
Deck Install Year			Historic Status		NOT ELIGIBLE	Nav. Vert. Lift Bridge Clear.			
Deck Rebar Layers		UNKN	+ PAINT +			MN Scour Code		L-STBL;LOW RISK	
Deck Rebar (NBI)		N/A	Year Painted			Scour Evaluation Year		1994	
Wear Surf Type		BITUMINOUS	Painted Area			+ CAPACITY RATINGS +			
Wear Surf Install Year			Primer Type			Design Load		HS 20	
Wear Course/Fill Depth		0.25 ft	Finish Type			Operating Rating		HS 19.80	
Structure Area		7,560 sq ft	+ BRIDGE SIGNS +			Inventory Rating		HS 13.40	
Roadway Area		7,201 sq ft	Posted Load		VEHICLE & SEMI	Posting		VEH: 36 SEMI: 40 DBL: 40	
Sidewalk Width - L/R			Traffic		NOT REQUIRED	Rating Date		04-09-2014	
Curb Height - L/R		0.75 ft 0.75 ft	Horizontal		OBJECT MARKERS	Overweight Permit Codes			
Rail Codes - L/R		06 06	Vertical		NOT APPLICABLE	A: N B: N C: N			

04/15/2025

Crew:

MINNESOTA BRIDGE INSPECTION REPORT

Insp Responsibility: REDWOOD COUNTY

BRIDGE 64531 CSAH 5 OVER COTTONWOOD RIVER

INSP. DATE: 11-12-2024

County:REDWOOD

Location: 0.3 MI S OF JCT CSAH 4

Length: 180.0 ft

City:

Facility: CSAH 5 Mile Pt: 8.851

Deck Width: 42.0 ft

Township: JOHNSONVILLE

Control Section: Maint. Area:

Rdwy. Area 7,201 sq ft

Section: 19 Township: 110N Range: 38W

Local Agency Bridge Nbr:

Paint Area

Main Span Type: TIMB BEAM SPAN

Open, Posted, Closed: LOAD POSTED

Culvert : N/A

NBI Deck: 5 Super: 6 Sub: 6 Chan: 6 Culv: N

Postings: 36 - 40 - 40

Appraisal Ratings - Approach: 8 Waterway: 8

MN Scour Code: L-STBL;LOW RISK

Local Plan. Index 58

Required Bridge Signs - Load Posting: VEHICLE & SEMI

Traffic: NOT REQUIRED

Overall Condition: Fair

Horizontal: OBJECT MARKERS

Vertical: NOT APPLICABLE

ELEM NBR	ELEMENT NAME	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
800	CRITICAL DEFS OR SAFETY HAZARDS	11-12-2024	1 EA	1	0	0	0
		10-31-2022	1 EA	1	0	0	0
	Notes: No critical structural deficiencies or serious safety hazards are present on this structure. 2020 - NONE NOTED. 2021 - NO CHANGE						
31	TIMBER DECK	11-12-2024	7,560 SF	0	7,560	0	0
		10-31-2022	7,560 SF	0	7,560	0	0
	Notes: 2020 - MODERATE WEATHERING THROUGHOUT (CS2) 2024 - NO CHANGE						
510	WEARING SURFACE	11-12-2024	7,201 SF	0	0	7,151	50
		10-31-2022	7,201 SF	0	0	7,201	0
	Notes: 2019 - SIGNS OF LEAKAGE ON SOUTH SIDE ON ALL BAYS BETWEEN TWO CRACKS OVER TIMBER CAP, THE GAP HAS NOT CHANGED, DECK OVERLAYED - TRANSVERSE CRACKS IN PAVEMENT, LEAKAGE OCCURING THROUGHOUT ALL SPANS, PATCHED, BUMPY 2020 - MODERATE CRACKING AND DETERIORATION AND FAILED REPAIRS - RECOMMEND REPLACEMENT. 2021 - NO CHANGE 2022 - NO CHANGE 2024 - HAS BEEN PATCHED, 50' CS4 FOR OPEN CRACKS AND POTHOLES						
332	TIMBER BRIDGE RAILING	11-12-2024	361 LF	0	361	0	0
		10-31-2022	361 LF	0	361	0	0
	Notes: 2019 - MINOR CRACKS, WEATHERED SURFACE 2024 - NO CHANGE						
822	BITUMINOUS APPROACH ROADWAY	11-12-2024	2 EA	0	2	0	0
		10-31-2022	2 EA	0	1	0	1
	Notes: 2019 - MINOR DIPS 2020 - VERY LARGE POTHOLE ON S APPROACH RIGHT AT BRIDGE END (CS4). 2021 - HAS BEEN PATCHED, ENTIRE BRIDGE COULD USE A NEW OVERLAY 2022 - REOCCURING ISSUES, NEEDS MILL AND OVERLAY 2024 - PATCHED IN '24						
202	STEEL COLUMN	11-12-2024	5 EA	0	5	0	0
		10-31-2022	5 EA	0	5	0	0
	Notes: 2019 - FLAKING PAINT W/MINOR RUST 2024 - NO CHANGE						
515	STEEL PROTECTIVE COATING	11-12-2024	200 SF	0	80	40	80
		10-31-2022	200 SF	0	80	40	80
	Notes: 2019 - FLAKING PAINT W/MINOR RUST 2020 - 10% CS4 FOR PAINT FAILURE 2021 - NO CHANGE 2022 - 40% AT CS4 2024 - NO CHANGE						
225	STEEL OR CIP PILING	11-12-2024	10 EA	0	10	0	0
		10-31-2022	10 EA	0	10	0	0
	Notes: 2019 - FLAKING PAINT W/MINOR RUST 2024 - NO CHANGE						

515 STEEL PROTECTIVE COATING	11-12-2024	300 SF	0	50	100	150	
	10-31-2022	300 SF	0	50	100	150	
Notes:	2019 - FLAKING PAINT W/MINOR RUST 2020 - 10% CS4 FOR PAINT FAILURE 2021 - NO CHANGE 2022 -50% AT CS4 2024 - NO CHANGE						
234	REINFORCED CONCRETE PIER CAP	11-12-2024	125 LF	113	10	2	0
		10-31-2022	125 LF	113	10	2	0
Notes:	2019 - 2nd PIER, 1st AND 2nd BAY HAS A FLEXURAL CRACK, MIDDLE PIER EAST SIDE OUTSIDE-BOTTOM EDGE IS CRACKED 2020 - NO CHANGE 2021 - NO CHANGE 2022 - BEGINING TO SPALL ON END - CS3 2024 - NO CHANGE						
111	TIMBER GIRDER OR BEAM	11-12-2024	1,260 LF	0	1,260	0	0
		10-31-2022	1,260 LF	0	1,260	0	0
Notes:	2019 - STAINING OCCURING WHERE LEAKAGE IS TAKING PLACE 2020 - MODERATE WEATHERING THROUGHOUT (CS2) 2024 - NO CHANGE						
216	TIMBER ABUTMENT	11-12-2024	125 LF	65	60	0	0
		10-31-2022	125 LF	65	60	0	0
Notes:	Wingwall notes: 2019 - WING POSTS HAVE MODERATE CRACKING OCCURING. 2020 - NO CHANGE 2021 - NO CHANGE 2022 - DISCOLORATION AND MINOR SPLITS 2024 - NO CHANGE						
228	TIMBER PILING	11-12-2024	22 EA	0	21	1	0
		10-31-2022	22 EA	0	22	0	0
Notes:	2019 - CRACKING OCCURING IN BOTH ABUTMENTS, MINOR CRACKING, DISCOLORATION, GREEN ROT OCCURING ON FOUR OUTER PILE. 2020 - NO CHANGE 2021 - ADDITIONAL 4 WING PILE, ALL PILE AT CS2. 2022 - NO CHANGE 2024 - NW WING PILE AT CS3						
235	TIMBER PIER CAP	11-12-2024	85 LF	70	15	0	0
		10-31-2022	85 LF	70	15	0	0
Notes:	2019 - MINOR CRACKS ON ALL CAPS 2020 - NO CHANGE 2021 - NO CHANGE 2022 - DISCOLORATION 2024 - NO CHANGE						
855	SECONDARY MEMBERS (SUPER)	11-12-2024	1 EA	0	1	0	0
		10-31-2022	1 EA	0	1	0	0
Notes:	TIMBER DIAPHRAGMS 2020 - MODERATE WEATHERING THROUGHOUT (CS2) 2024 - NO CHANGE						
856	SECONDARY MEMBERS (SUB)	11-12-2024	1 EA	0	1	0	0
		10-31-2022	1 EA	0	1	0	0
Notes:	Steel bracing on pier 2020 - SURFACE CORROSION 2024 - NO CHANGE						
883	CONCRETE SHEAR CRACKING	11-12-2024	1 EA	1	0	0	0
		10-31-2022	1 EA	1	0	0	0
Notes:	2020 - NONE NOTED. 2024 - NO CHANGE						
885	SCOUR	11-12-2024	1 EA	1	0	0	0
		10-31-2022	1 EA	1	0	0	0
Notes:	2024 - NO ISSUES NOTED						

890	LOAD PST OR VERTICAL CLR SIGNING	11-12-2024	1 EA	1	0	0	0
		10-31-2022	1 EA	1	0	0	0
	Notes:	POSTED 36-40-40 2019-2020 - INPLACE 2024 - NO CHANGE					
891	OTHER BRIDGE SIGNING	11-12-2024	1 EA	1	0	0	0
		10-31-2022	1 EA	1	0	0	0
	Notes:	2019 - NE TWISTED (MINOR) 2024 - NO CHANGE					
892	SLOPES & SLOPE PROTECTION	11-12-2024	1 EA	1	0	0	0
		10-31-2022	1 EA	1	0	0	0
	Notes:	2020 - MINOR DETERIORATION 2024 - NO CHANGE					
894	DECK & APPROACH DRAINAGE	11-12-2024	1 EA	1	0	0	0
		10-31-2022	1 EA	1	0	0	0
	Notes:	2020 - NO ISSUES NOTED 2024 - NO CHANGE					
900	PROTECTED SPECIES	11-12-2024	1 EA	0	0	1	0
		10-31-2022	1 EA	0	0	1	0
	Notes:	2019-2020 - NESTS PRESENT 2024 - NO CHANGE					

General RECOMMENDED MAINTENANCE:

Notes: 2020 - FIX LARGE POTHOLE ON S APPROACH. REPLACE BITUMINOUS WEARING COURSE.
2022 - MILL AND OVERLAY NEEDED. SHORING PILE NEEDS TO BE CUT AND REMOVED.

Deck: [5] 2020 - MODERATE DETERIORATION (NUMEROUS PATCHES/POTHOLE/CRACKS).
2024 - NO CHANGE

Brdg [0] TIMBER RAILING

Railings:

Transitions: [0] NOT PRESENT BUT REQ'D

Appr [0] NOT PRESENT BUT REQ'D

Guardrail:

Appr Guardrail [0] NOT PRESENT BUT REQ'D

Terminal :

Superstructure: [6] 2020 - MODERATE WEATHERING & STAINING
2024 - NO CHANGE

Substructure: [6] 2020 - MODERATE DETERIORATION (MINOR SPALLING/DELAMINATION OF CONCRETE, MODERATE PAINT FAILURE (STEEL PILES)
2024 - NO CHANGE

Channel: [6] 2020 - MODERATE EROSION/DETERIORATION OF PROTECTION.
2024 - NO CHANGE

Waterway [8]

Adeq:

Appr Roadway [8]

Alignment:

MINNESOTA STRUCTURE INVENTORY REPORT

Bridge ID: 64514

CSAH 7 over COTTONWOOD RIVER

Date: 04/15/2025

+ GENERAL +		+ ROADWAY ON BRIDGE +		+ INSPECTION +	
Agency Br. No.	Crew	Facility	CSAH 7	Local Plan. Index	70
District 8	Maint. Area	LRS Mile Point	5.919	Overall Condition	FAIR
County	64 - REDWOOD	Ref Post	006+00.200	Last Routine Insp Date	10-02-2023
City		Functional Class	MAJOR COLLECTOR	Routine Insp Frequency	24
Township	LAMBERTON	Urban Code	99999 - RURAL	Inspector Name	REDWOOD COUNTY
Desc. Loc.	0.1 MI S OF JCT CSAH 26	ADT (YEAR)	117 (2021)	Status	P-LOAD POSTED
Sect., Twp., Range	07 - 109N - 37W	HCA DT		+ NBI CONDITION RATINGS +	
Lat/Long	44.265225, -95.349817	Speed Limit		Deck	6
Custodian	COUNTY	National Highway System	N	Superstructure	6
Owner	COUNTY	Detour Length	4 mi.	Substructure	6
Insp Responsibility	REDWOOD COUNTY	Lanes	2 Lanes ON Bridge	Channel	6
Year Built	1968	Control Section (TH Only)		Culvert	N
Date Opened to Traffic		Function	MAINLINE	+ NBI APPRAISAL RATINGS +	
MN Year Remodeled		Type	2 WAY TRAF	Structure Evaluation	6
FHWA Year Reconstructed		Bridge Match ID	1	Deck Geometry	6
Bridge Plan Location	COUNTY	Roadway Key	1-ON	Underclearances	N
Potential ABC	N.A.	+ RDWY DIMENSIONS ON BRIDGE +		Waterway Adequacy	7
On - Off System	ON	If Divided	NB-EB SB-WB	Approach Alignment	7
+ STRUCTURE +		Roadway Width	30.3 ft	+ SAFETY FEATURES +	
Service On	HIGHWAY	Vertical Clearance		Bridge Railing	0-SUBSTANDARD
Service Under	STREAM	Max. Vert. Clear.		GR Transition	0-SUBSTANDARD
Main Span Type	TIMB BEAM SPAN	Horizontal Clear.		Appr. Guardrail	0-SUBSTANDARD
Main Span Detail		Appr. Surface Width	34.0 ft	GR Termini	0-SUBSTANDARD
Appr. Span Type		Bridge Roadway Width	30.3 ft	+ IN DEPTH INSPECTIONS +	
Appr. Span Detail		Median Width on Bridge	NA	NSTM	N
Skew		+ MISC. BRIDGE DATA +		Underwater	N
Culvert Type		Structure Flared	NO	Pinned Asbly.	N
Barrel Length		Parallel Structure	NONE	+ WATERWAY +	
No of Spans	Main: 3 Appr: 0 Total: 3	Field Conn. ID		Drainage Area	344.0 sq mi
Main Span Length	42.3 ft	Cantilever ID		Waterway Opening	1098 sq ft
Structure Length	127.0 ft	+ FOUNDATIONS +		Navigation Control	NO PRMT REQD
Deck Width	31.7 ft	Abut.	TIMBER - PILE BENT	Pier Protection	
Deck Material	TIMBER	Pier	TIMBER - PILE BENT	Nav. Vert./Horz. Clr.	
Deck Install Year		Historic Status	NOT ELIGIBLE	Nav. Vert. Lift Bridge Clear.	
Deck Rebar Layers	UNKN	+ PAINT +		MN Scour Code	N-STBL;LIM SCOUR
Deck Rebar (NBI)	N/A	Year Painted		Scour Evaluation Year	2002
Wear Surf Type	BITUMINOUS	Painted Area		+ CAPACITY RATINGS +	
Wear Surf Install Year		Primer Type		Design Load	H 20
Wear Course/Fill Depth	0.16 ft	Finish Type		Operating Rating	HS 24.50
Structure Area	4,026 sq ft	+ BRIDGE SIGNS +		Inventory Rating	HS 16.70
Roadway Area	3,843 sq ft	Posted Load	VEHICLE ONLY	Posting	VEH: 40 SEMI: DBL:
Sidewalk Width - L/R		Traffic	NOT REQUIRED	Rating Date	07-19-2010
Curb Height - L/R		Horizontal	OBJECT MARKERS	Overweight Permit Codes	
Rail Codes - L/R	02 02	Vertical	NOT APPLICABLE	A: N	B: N C: N

04/15/2025

Crew:

MINNESOTA BRIDGE INSPECTION REPORT

Insp Responsibility: REDWOOD COUNTY

BRIDGE 64514 CSAH 7 OVER COTTONWOOD RIVER

INSP. DATE: 10-02-2023

County:REDWOOD

Location: 0.1 MI S OF JCT CSAH 26

Length: 127.0 ft

City:

Facility: CSAH 7 Mile Pt: 5.919

Deck Width: 31.7 ft

Township: LAMBERTON

Control Section: Maint. Area:

Rdwy Area 3,843 sq ft

Section: 07 Township: 109N Range: 37W

Local Agency Bridge Nbr:

Paint Area

Main Span Type: TIMB BEAM SPAN

Culvert : N/A

NBI Deck: 6 Super: 6 Sub: 6 Chan: 6 Culy: N

Open, Posted, Closed: LOAD POSTED

Postings: 40 - -

Appraisal Ratings - Approach: 7 Waterway: 7

MN Scour Code: N-STBL;LIM SCOUR

Local Plan. Index	70
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Required Bridge Signs - Load Posting: VEHICLE ONLY

Traffic: NOT REQUIRED

Overall Condition: Fair

Horizontal: OBJECT MARKERS

Vertical: NOT APPLICABLE

ELEM NBR	ELEMENT NAME	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
800	CRITICAL DEFS OR SAFETY HAZARDS	10-02-2023	1 EA	1	0	0	0
		11-15-2022	1 EA	1	0	0	0
	Notes:	2020 - NO ISSUES NOTED AT TIME OF INSPECTION 2021 - NO CHANGE 2022 - NO CHANGE					
31	TIMBER DECK	10-02-2023	4,026 SF	0	4,026	0	0
		11-15-2022	4,026 SF	0	4,026	0	0
	Notes:	2019 - MODERATE WEATHERING & STAINING. 2020 - NO CHANGE. 2021 - SOME LEAKAGE DUE TO CRACKS IN THE BIT/OVERLAY 2022 - NO CHANGE 2023 - NO CHANGE					
510	WEARING SURFACE	10-02-2023	3,843 SF	0	1,822	1,921	100
		11-15-2022	3,843 SF	0	1,822	1,921	100
	Notes:	Small potholes in bit. wear course. DISCOLORATION FROM WATER LEAKAGE AND THE POTHOLE AT MIDSPAN HAS BEEN FILLED, ALLIGATOR CRACKS IN BIT. SURFACE 2018 - LIGHT PATCHES IN '18 2019 - NO CHANGE. 2020 - 50% CONSIDERED CS3 DUE TO SIGNIFICANT CRACKING. 5% CS4 (FAILED PATCHES). 2021 - NO CHANGE 2022 - NO CHANGE 2023 - NO CHANGE					
330	METAL BRIDGE RAILING	10-02-2023	253 LF	0	251	2	0
		11-15-2022	253 LF	0	253	0	0
	Notes:	2019-2020 - NO CHANGE. 2021 - NO CHANGE 2022 - NO CHANGE 2023 - IMPACT DAMAGE ON WEST RAIL, 30' FOR SOUTH END.					
515	STEEL PROTECTIVE COATING	10-02-2023	506 SF	0	506	0	0
		11-15-2022	506 SF	0	506	0	0
	Notes:	2017 - CHALKING IN PAINT 2019-2020 - NO CHANGE. 2021 - NO CHANGE 2022 - NO CHANGE 2023 - NO CHANGE					
822	BITUMINOUS APPROACH ROADWAY	10-02-2023	2 EA	0	2	0	0
		11-15-2022	2 EA	0	2	0	0
	Notes:	NORTH PATCHED IN 2011 2018 - DIPS ON BOTH ENDS 2019-2020 - NO CHANGE. 2021 - NO CHANGE 2022 - NO CHANGE 2023 - NO CHANGE					

2021 - NO CHANGE
 2022 - NO CHANGE
 2023 - NO CHANGE

856	SECONDARY MEMBERS (SUB)	10-02-2023	1 EA	0	1	0	0
		11-15-2022	1 EA	0	1	0	0
Notes: 2019 - SURFACE CORROSION. 2020 - NO CHANGE. 2021 - NO CHANGE 2022 - NO CHANGE 2023 - NO CHANGE							
883	CONCRETE SHEAR CRACKING	10-02-2023	1 EA	1	0	0	0
		11-15-2022	1 EA	1	0	0	0
Notes: 2019-2020 - NO EVIDENCE. 2021 - NO CHANGE 2022 - NO CHANGE 2023 - NO CHANGE							
885	SCOUR	10-02-2023	1 EA	1	0	0	0
		11-15-2022	1 EA	1	0	0	0
890	LOAD PST OR VERTICAL CLR SIGNING	10-02-2023	1 EA	1	0	0	0
		11-15-2022	1 EA	1	0	0	0
Notes: Posted 40 Tons. 2019-2020 - 40 TON POSTING SIGNAGE IN PLACE BOTH APPROACHES. 2021 - NO CHANGE 2022 - NO CHANGE 2023 - NO CHANGE							
891	OTHER BRIDGE SIGNING	10-02-2023	1 EA	1	0	0	0
		11-15-2022	1 EA	1	0	0	0
Notes: 2019 - 4 OBJECT MARKERS IN PLACE. 2020 - NO CHANGE. 2021 - MINOR SURFACE DAMAGE 2022 - NO CHANGE 2023 - NO CHANGE - STILL CS1							
892	SLOPES & SLOPE PROTECTION	10-02-2023	1 EA	0	1	0	0
		11-15-2022	1 EA	0	1	0	0
Notes: 2019 - MODERATE DETERIORATION AND LOSS OF PROTECTION AT NORTH ABUTMENT. 2020 - NO CHANGE. 2021 - NO CHANGE 2022 - NO CHANGE 2023 - NO CHANGE							
894	DECK & APPROACH DRAINAGE	10-02-2023	1 EA	1	0	0	0
		11-15-2022	1 EA	1	0	0	0
Notes: 2019-2020 - NO ISSUES. 2021 - NO CHANGE 2022 - NO CHANGE 2023 - NO CHANGE							
895	SIDEWALK, CURB, & MEDIAN	10-02-2023	1 EA	0	1	0	0
		11-15-2022	1 EA	0	1	0	0
Notes: MINOR CRACKING AND WEATHERED SURFACE, SPLITTING OCCURRING ALONG BOLT HOLES BOTH SIDES 2019-2020 - NO CHANGE. 2021 - NO CHANGE 2022 - NO CHANGE 2023 - NO CHANGE							
900	PROTECTED SPECIES	10-02-2023	1 EA	0	0	1	0
		11-15-2022	1 EA	0	0	1	0
Notes: 2018 - NESTS 2019-2020 - NESTS PRESENT. 2021 - NO CHANGE 2022 - NO CHANGE 2023 - NO CHANGE							

General 011-DISCOLORATION FROM WATER LEAKAGE

Notes: 041-MINOR SPALLING AND EFFLORESCENCE

056-SURFACE RUST AND PACK RUST
132-DISCOLORATION FROM WATER LEAKAGE

RECOMMENDED MAINTENANCE:

2019-2020- CLEAR DEBRIS BUILD UP AT S. PIER. CLEAR BRUSH FROM AROUND ABUTMENTS. REPAIR NORTH SLOPES & PROTECTION.

Deck: [6] TIMBER DECK WITH BIT. WEARING SURFACE.
2019-2020 - MODERATE WEATHERING & SPLITTING.
2021 - NO CHANGE
2022 - NO CHANGE
2023 - NO CHANGE

Transitions: [0] Not present and bridge clear width narrower than approach roadway width.

Appr Guardrail: [0] Not present and bridge clear width narrower than approach roadway width.

Appr Guardrail Terminal : [0] Not present and bridge clear width narrower than approach roadway width.

Superstructure: [6] 2019-2020 - MODERATE WEATHERING
2021 - NO CHANGE
2022 - NO CHANGE
2023 - NO CHANGE

Substructure: [6] 2018 - SOME MINOR DETERIORATION
2019-2020 - MODERATE WEATHERING & SPLITTING.
2021 - NO CHANGE
2022 - NO CHANGE
2023 - NO CHANGE

Channel: [6] 2019-2020 - DRIFT/ DEBRIS SLIGHTLY RESTRICTING CHANNEL. MINOR AGGREDATION. MODERATE EROSION AND DETERIORATION OF SLOPE PROTECTION.
2021 - NO CHANGE
2022 - NO CHANGE
2023 - NO CHANGE

Waterway Adeq: [7] 2021 - SLIGHT CHANCE OF OVERTOPPING.
2022 - NO CHANGE
2023 - NO CHANGE

Appr Roadway Alignment: [7] 2019 - MINOR SIGHT DISTANCE ISSUES; NO SPEED REDUCTION REQUIRED.
2021 - NO CHANGE
2022 - NO CHANGE
2023 - SLIGHT PROFILE INADEQUACIES ON SOUTH END OF BRIDGE

2024

SALT Schedule of Materials Control



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Introduction

This Schedule of Materials Control (SMC) outlines the **MINIMUM** testing requirements for State Aid Funded and/or Federal Aid Projects **OFF** the National Highway and Trunk Highway System. Optional to this SMC is the MnDOT Materials Control Schedule. Usage of either schedule must be defined in the project proposal.

The SMC – LGA serves as a guide for material testing with allowable acceptance “as directed by the Engineer” detailed in Specification 1501.1(1) – Authority of the Engineer. These testing rates are a minimum and additional test may be taken at the Engineer’s discretion. A minimal testing rate does not always ensure a quality product; field observations and attention to detail is crucial. Materials not listed on an approved products list may be sampled and tested as directed by the Engineer. Materials listed on a Qualified Products list may be accepted or tested at the discretion of the Engineer.

Federal Aid projects require Independent Assurance Inspection. Contact the MnDOT District IA Inspector when the job starts to provide the proper servicing of your project.

*****Agencies using MnDOT Metro Inspection Services will be sampled at the current MnDOT Schedule of Materials Control rates and will be billed accordingly.**

*****Contact the MnDOT District IA Inspector to provide servicing for your federal aid project.**

Definitions

[Schedule of Materials Control](#)

Schedule of Materials Control (SMC) are inserted into project proposals to direct how materials are to be sampled and tested. The SMC is updated yearly. Each SMC is project specific. Therefore, one needs to refer to their specific proposal.

[Approved/ Qualified Products List](#)

Products are “approved” when they have been found to routinely meet all applicable standards and specifications. The product is placed on the list based upon established successful manufacturer’s quality control and warranties, but the listing may expire or require periodic renewal to verify the product has not changed over time. The approval process for the individual product should specify any expiration requirement. Testing may still be on at the Engineers discretion.

[Certified Sources](#)

Certified Sources must comply with each individual product’s defined “certification procedure”. Acceptance of products from certified sources follows the same sampling and testing as “approved/ qualified” products.

Quality control (QC): The activities performed by the **Contractor/Producer** that have to do with making sure the quality of a product or process meets the relevant contract requirements. All testing shall be performed by a certified tester.

Quality assurance (QA): The activities performed by the **Department/Agency** that have to do with making sure the quality of a product or process meets the relevant contract requirements. All testing shall be performed by a certified tester.

Verification Testing: Sampling and testing performed as called out herein to validate the quality of the product(s). **Part of QA.**

Material Acceptance Summary



STATE AID FOR LOCAL TRANSPORTATION MATERIAL ACCEPTANCE SUMMARY

Rev. February 2019

SP/SAP(s)

[illegible]

* This item is hereby accepted by the Engineer as materially compliant for use on this project per the terms of specification 1501.1, subset (1).

Approved by Project Engineer: _____ Date: _____
Print Name: _____ Phone: _____

For an electronic Word version of this form, please visit the State Aid Construction webpage at:
https://edocs-public.dot.state.mn.us/edocs_public/DMResultSet/download?docId=19623193

Bituminous Quality Management

The Contractor shall provide and maintain a quality control program as detailed in Specification 2360.2.G. The Engineer shall review the quality control program for compliance. This shall be provided at the precon.

	Type of Test	Spec Section (1)	Contractor / Producer – QC Testing Rates	Agency – QA Testing Rates
Start-Up Testing Rates for the 1 st 2000 tons (2)	Bulk Specific Gravity	2360.2.G.7.b	1 test per 500 tons 55 lb. sample 3 full cylinder molds (7)	(3) (10) 1 Verification Mixture Sample test per day, all Verification samples are from a split (QC/QA) sample.
	Maximum Specific Gravity	2360.2.G.7.c		
	Air Voids (calculated)	2360.2.G.7.d		
	Asphalt Content	2360.2.G.7.a		
	Adj. Asphalt Film Thickness (AFT)	2360.2.E.7.e		
	Gradation	2360.2.G.7.f		
	Fines to Effective Asphalt Ratio (calculated)	2360.2.G.7.a/f	1 test per 1000 tons (4) (5) (6) (7)	
	Coarse Aggregate Angularity (CAA)	2360.2.G.7.g		
	Fine Aggregate Angularity (FAA)	2360.2.G.7.h		
	Added AC/Total AC Ratio (calculated)	2360.2.G.7.a		
Production Testing Rates	Bulk Specific Gravity	2360.2.G.7.b	1 test per 1000 tons 55 lb. sample 3 full cylinder molds (7)	(3) (10) Verification Mixture Sample test per day/ mix type, submit companion to the QC – CAA & FAA test results.
	Maximum Specific Gravity	2360.2.G.7.c		
	Air Voids (calculated)	2360.2.G.7.d		
	Asphalt Content	2360.2.G.7.a		
	Adj. Asphalt Film Thickness (AFT)	2360.2.E.7.e		
	Gradation (minimum of 1 per day)	2360.2.G.7.f		
	Added AC/Total AC Ratio (calculated)	2360.2.G.7.a		
	Coarse Aggregate Angularity (CAA)	2360.2.G.7.g	(4) (5) (7)	
	Fine Aggregate Angularity (FAA)	2360.2.G.7.h	(4) (6) (7)	
	TSR	2360.2.G.7.i	When directed by the Engineer	
	Aggregate Specific Gravity	2360.2.G.7.j		
	Mixture Moisture Content	2360.2.G.7.k	As directed by the Engineer	
	Asphalt Binder (QA ONLY)	2360	(8) 1 qt. steel container for asphalt binder	
	Asphalt Emulsion (QA ONLY)	2357	(9) ½ gal plastic container for asphalt emulsion. (Tack)	
		Compaction / Density Requirements	2360.3.D	Review special provisions
	Small Quantity Requirements	< 500 tons per project may be accepted by the Engineer without testing.		

NOTES: Testing rates are minimum rates; additional testing is encouraged to ensure a quality product.

- (1) Review Special Provisions & 2360.2G Mixture Quality Management.
- (2) The testing rates apply only to mixtures that have not been tested on previous projects in the current year.
- (3) The Agency shall witness a minimum of 1 (one) complete QC mixture sampling, splitting and test per day. The Agency shall take possession of all split QA samples immediately. The Agency shall randomly submit one QA split sample to the District Lab for Verification testing and inform with contractor the following day of test number. Additional verification samples can be taken at any time or location. When additional verification samples are taken, the contractor must test the Verification Companion split of this sample and include the results in the QC program.
- (4) The Contractor will retain the extracted gradation samples in containers with field identification numbers for a period of 10 calendar days. The Engineer will identify which extracted gradation sample is the Verification Companion Sample and whether it is to be tested for coarse and fine aggregate angularity.

- (5) **At start-up or new Mix Design:** 2 tests/ day for a minimum of 2 days, then 1/day if CAA is met. If CAA > 8% of requirement, 1 sample/ day but test 1/ week. No testing required for Class A and B Aggregates.
- (6) **At start-up or new Mix Design:** 2 tests per day for a minimum of 2 days, then 1/day if FAA is met. If FAA > 5% of requirement, 1 sample/ day but test 1/week.
- (7) Random number generation and determination of random sample location shall be consistent with Section 5 of ASTM D3665. The Engineer may approve alternate methods of random number generation.
- (8) **During Asphalt Mixture Production (Field Verification):** Shall be from a certified supplier. Obtain asphalt binder samples from a sampling valve located between the pump and the drum. Contractor personnel shall obtain samples, under the observation of a department representative, by random selection from shipments of material at the project site. The samples shall be taken from the first load and subsequently 1 per 1000 tons of liquid asphalt binder for each supplier and grade of asphalt binder per contract. For contracts with less than approximately 25 tons (one truck transport) of asphalt binder, sampling may be waived. A minimum of 1 gallon of binder must be drawn and wasted from the sampling valve before the actual sample is drawn. Sample shall be sent in for verification testing.
- (9) **During Mixture Production (Field Verification):** Shall be from a certified supplier. The Contractor shall sample first shipment, then submit 1 per 50,000 gallons. Sample emulsified asphalt in clean ½ gallon plastic container with wide screw top and send to MnDOT Chemical Lab within 7 days of sampling. Sample all emulsified asphalt from the distributor. Sample shall be sent in for verification testing. No Samples required unless directed by the Engineer.
- (10) Conduct random belt samples and test for aggregate quality as directed by the Engineer.

Bituminous Specialty Items

Type of Test	Spec	Contractor/Producer – QC Testing Rates	Agency- QA Testing Rates
Gradation	2363	1 per 1,000 Ton with a minimum 1 per day.	1 per day. 35 lbs.
PASSRC & PASB	3139.3		
Micro-Surfacing	2354 3139.5	Stockpile: 1/1,500 Tons (min 1/day) Machine Hopper: 1/500 Ton (min 1/day)	Machine Hopper: 1/day, 30 lbs.
Seal Coat, Underseal & Otta Seal	2356 3137.2B	Stockpile: 1/1,500 Tons (min 1/day) Chip Spreader Hopper: 1/day	1/day from Hopper. 30 lbs.
% Crushing – CAA	2363	1 per 1,000 Ton with a minimum 1 per day.	1 per day from gradation test. 35 lbs.
PASSRC & PASB	3139.3		
Moisture / Aggregate	2354	Machine Hopper: 1/500 Tons (min 3/day)	1/day 2lbs
Micro-Surfacing	3139.5		
Sand Equivalence	2354	1/day	Test at Engineer discretion, 25 lbs.
Micro-Surfacing			
Flakiness Index	2356	Sample taken from first load on first day, submit to Agency: 30 lbs.	Agency will test at their discretion, see Lab Manual 1223
Bituminous Seal Coat & Bituminous Underseal			
Bituminous Mixture	2353	1/500 Tons, min 1/day. %AC, Gradation, Max SpG, Adj.AFT	1/day, 20 lbs. 1 cylinder from truck box.
UTBWC	3151.2G		
PASSRC & PASB	3151 2363	Asphalt spot check: min 1/day	-
Stone Matrix Asphalt – SMA Lab Manual 1203, 1204, 1205, 1211, 1214, 1806, 1807, 1808, 1813, 1853, 1854, 1855, AI SP-2 AASHTO T305	2365	Tests , %AC, gradation, Gmm, Gmb, Voids, VMA, CAA, Draindown, VCA, fines/effective asphalt. Rate, (1/1000 tons, min.1/day) Agg SpG, mix moisture, TSR to be tested as directed by Engineer. Submit companion 1 per day to agency: 3 full 6" by 12" cylinders	Tests: %AC, Gradation, Gmm, Gmb, Voids, VMA, CAA, VCA, fines/effective asphalt. Agency is not required to do drain down. Copy MDR to Project Engineer and Grading & Base Engineer.
Asphalt Binder Tests		Asphalt Emulsion List	Asphalt Binder List
UTBWC	2353 3151	Asphalt Binder: Sample first load, then 1/250,000 gallons. Sample size of 1 quart metal container. Emulsified Asphalt: Sample first load, then 1/50,000 gallons. Sample size of ½ gallon wide screw top plastic container.	
Micro-Surfacing	2354		
Seal Coat, Underseal & Otta Seal	2356		
Tack Coat	2357		
PASSRC & PASB	3151		
Asphalt Binder Rate	2354	Verify Application Rate 3/day	Verify Application Rate 1/day
Micro-Surfacing			
Fog Seal	2355	Verify Application Rate 1/day	Verify Application Rate 1/day
Seal Coat, Underseal & Otta Seal	2356		
Bit Tack Coat	2357		

Specification 2215 – Cold Inplace Recycling (CIR), Stabilized Full Depth Reclamation (SFDR) and Cold Central Plant Recycling Bituminous (CCPR)

Test Type	Contractor/Producer QC Testing Rates	Agency QA Testing Rates	Grading & Base Manual/Form
Gradation SFDR (Simple) Pre-ground un-stabilized material	1 per mile – report sieves 2" & 3"	Run gradation at the discretion of the Engineer	.215 / 101 report sieve 2" & 3"
Gradation (Entire) (Material to be stabilized)	One per day, give split sample to the Engineer	Run gradation at the discretion of the Engineer	.215 / 101 report sieve 2", 1.5", 1.25", 1", ¾", 3/8", #4, #10, #30.
Gradation (Simple) (Material to be stabilized)	1 per mile for SFDR & CIR. 1 per 2,000 ton for CCPR.	Run gradation at the discretion of the Engineer	.215 & .293 / 101 report sieve 2" & 1.5" for SFDR, 1.5" and 1.25" for CIR
CIR & SFDR Depth Check – Unstabilized and Stabilized	None	1 per day	.284 / 401
SFDR & CCPR Moisture – before injecting with bituminous.	1 per mile of anticipated daily production and after rain. 1 per mile for SFDR after mechanical drying.	Run moisture at the discretion of the Engineer	.245 Speedy tester not allowed.
Penetration Index (DCP) – SFDR only Unstabilized.	2 per mile	1 per mile	.255 / 205
Calibrate: mineral stabilizing agent application rate.	Once using design rate per vane feeder.	Observe contractor calibration	.286 or .287
Moisture: before injecting liquid bituminous material	1 per mile of daily anticipated SFDR & one after rain or mechanical drying out (disking, etc.).	none	.281 / 105
Yield: Mineral Stabilizing Agent and/or Liquid Bituminous Material	1 per transport load each type	1 per day each type	.286 & .287 / 402 & 403
Compaction: Nuclear density for SFDR stabilized and CIR	10 per lane mile, (see note below).	Observe the Contractor.	.282
Control Strip: SFDR Stabilized and CIR	Minimum of once per project	Observe the Contractor.	
Bituminous Material Samples		. 1 per 50,000 gallons; sample first load	1 quart each sample
Mineral Stabilizing Agent Samples	None	1 sample	none
Foaming asphalt checks expansion ratio & half life	1 per load	Observe the Contractor.	.285
Moisture (stabilized) – before placement of next layer during curing.	2 per day until moisture stabilizes & placement of HMA.	None	Grading & Base Manual

Note: The Engineer may require a Contractor to perform additional nuclear density tests in areas that the Engineer believes are failing density requirements.

Grading and Base Construction Items (1 of 4)

		Material Type	Spec.	Contractor / Producer QC Testing Rates	Minimum Required Agency QA Testing Rates	Verification Testing Sample
Gradation Testing (2) (3)		Aggregate Surfacing	3138	1 / 1,000 CY (CV) stockpile gradation only required for material on hand.	> 250 yd ³ (CV) or 500 Tons and < 2000 yd ³ (CV) or 4000 tons. Material is a minimum of one lot (5). Test two random samples from each lot and average. > 2000 yd ³ (CV) or 4000 Tons. Divide into lots with lot size (5) no greater than 2000 yd ³ (CV) or 4000 Tons. Test two random samples from each lot and average.	1/source 30 lb.
		Aggregate Base	3138			
		Shoulder Base Aggregate	3138			
		Drainable Aggregate Base (OGAB & DSB)	3136			
		Granular and Select Granular Material (borrow/embankment)	3149.2B	1/10,000 CY (CV) only required for material on hand.	1/40,000 yd ³ (CV)	1/source 30 lb.
		Stabilizing Aggregate	3149.2C			
		Reclamation FDR	3135.2B	None	Test at Engineer's discretion. Inspect for oversize chunks (+3"), after the motor grader has overturned the material	None
		Granular Filter	3601.2B	1/source – before delivery on the project. Only required for materials on hand. Spec 1906.2	1/ source	1/source 30 lb.
		Backfill Materials	3149.2D			
		Granular Bedding	3149.2F			
		Aggregate Bedding	3149.2G			
		Coarse Filter Agg.	3149.2H			
		Filter Aggregate	3149.2J			
		Sand Cover	3149.2K			
Proctor	Specified Density *	Non-Granular Material Used to determine optimum moisture & maximum density.	2106 3149	None	1 per major soil, subgrade prep specified density requires 100% of proctor density.	1 sample 25 lb.
Sand Cone, Nuclear Density or LWD		Non-Granular Material For non-granular material, i.e., material that does not meet 3149.2B.1		AGENCY TESTING: Roadway Embankment: One test per 4,000 yd ³ (CV) <u>or if test rolled, One test per 10,000 yd³ (CV)</u> Transverse culverts & abutments: 1 test per every 2 feet of fill. Structures and Longitudinal Trenches: One test per 300 feet of each structure per 2 feet per fill. Sidewalks and Trails: 1 per 500 feet. Subgrade Preparation: One per 25 road stations.		

Grading and Base Construction Items (2 of 4)

Material Type		Spec.	Contractor / Producer QC Testing Rates	Minimum Required Agency QA Testing Rates	Verification Testing Sample
Penetration Index Method (DCP) or LWD *	Aggregate Base	3138 2211.3C	None	1 DCP tests per 500 yd ³ (CV) or 1 per 1000 Tons. If test rolled, 1 test / 1,500 yd3 (CV) or 3000 Tons.	None
	Shoulder Base Aggregate				
	Reclamation FDR	3135.2B 2215.2C		1 DCP test per 3,000 yd ² . If test rolled, 1 test / 10,000 yd ²	
	Walks & Trails	2521		1 per 500 feet of Sidewalk or Trail	
	Granular Materials Subgrade Preparation (for materials meeting 3149.2B1)	3149.2B	AGENCY TESTING: Roadway Embankment: One test per 2,000 yd3 (CV) <u>or if test rolled, One test per 6,000 yd3 (CV)</u> Transverse culverts & abutments: 1 test per every 2 feet of fill. Structures and Longitudinal Trenches: One test per 300 feet of each structure per 2 feet per fill. Sidewalks and Trails: 1 per 500 feet. Subgrade Preparation: One per 25 road stations.		
Moisture Content Test During All Compaction Methods (4)	Aggregate Base, Shoulder, Surfacing & Walks	3138	None	For 2118, 2211,2221, and 2521: 1 / 1,000 yd3 up to 10 Maximum	None
	Drainable Aggregate Base (OGAB & DSB)			For 2451: 1 per structure, for multiple adjacent structures, may test once, use judgement For Quality Compaction: Test as directed by Engineer.	
	Reclamation FDR	3135.2B	None	1 / 20,000 yd ²	
	All Embankment Materials	2106 3149	None	1/10,000 yd3 up to 10 Maximum For Quality Compaction: Test as directed by Engineer.	
	Subgrade Preparation	2106 3149		1 per 25 road stations For Quality Compaction: Test as directed by Engineer.	
Percent Crushing	Particle Count (1)	1906.2	1 required for Material on hand	1/source unless directed by Engineer, (required for 3138.2B & C, 3149.2C & G1, 3136.2B).	1 / source
Quality	Aggregate Quality Tests	3138 3149 3601	1 required for material on hand, Spec 1906.2	1/ source unless directed by Engineer	1 / source 30lb
Depth Check	Reclamation FDR	3135.2B	1/Mile.	1 per day unless directed by Engineer	

Material Type		Spec.	Contractor / Producer QC Testing Rates	Minimum Required Agency QA Testing Rates	Verification Testing Sample
Test Rolling	Test Rolling (as directed in the special provisions)	2111	As directed by the Engineer the contractor will perform test rolling at the top of all <ul style="list-style-type: none"> • Subgrade • Base layers (2211) • Non-Stabilized FDR (2215) • Granular layers not meeting the requirements of 3149.2B2 (2106) • Minimum 12' width and 300' length. Agency to observe test rolling. 		

Verification Testing Samples are companion split samples to the QA sample:

- Companion gradation, proctor, QA crushing, aggregate quality samples not required 1,000 tons or less.
- Include the laboratory companion with the first field sample.
- Include the field sample results with the laboratory sample.
- Laboratories with AMRL Accreditation are not required to submit laboratory companion samples.
- Carbonate aggregate materials require 50 lb. samples for the laboratory testing.

NOTES:

(1) Percent crushing test is not required when the material is crushed from a quarry or contains 25% or greater recycled materials.

(2) Submit a laboratory companion to the first Acceptance Gradation sample for a bituminous extraction, see 3138.2C. Full Depth Reclamation samples are not required.

(3) The Certification of Aggregates and Granular Materials procedure and documentation of testing locations is at the discretion of the Engineer.

(4) For quality compaction per spec 2106.3G.2, test at Engineer's discretion.

(5) Lot sizes may be adjusted by the Engineer. This may be good practice if parts of the project are taking place in separate areas or at separate times, such as many turn lane or excavation areas or separate project stages.

* Review the Special Provisions. The Grading and Base Manual allows the nuclear density gauge, see pages 60 and 65.

NOTES:

Conversions: 1 ton = 0.55 yd³ (CV), 1 ton = 0.7 yd³ (LV), 1 yd³ (CV) = 1.8 tons.

Contact the MnDOT District IA Inspector to provide servicing of your Federal Aid Project.

Less than 500 tons (250 CY) may be accepted by the Engineer without testing.

Grading and Base Construction Items (4 of 4)

Guidelines for Required Crushing & Aggregate Quality Tests

	3149 Granular Materials	3138 Aggregate for Surface and Base	3136 Drainable Bases
Crushing	Yes, for Stabilizing Aggregate, Fine Aggregate Bedding and Medium Filter Aggregate. Test waived if material contains recycled at twice the minimum crushing requirement. Not required for quarried sources.	Yes , for Class 5, 5Q & 6. Test waived if material contains recycled at twice the minimum crushing requirement. Not required for quarried sources. Class 2 must contain 100% crushed quarry rock.	Yes . Not required for quarried sources.
Bitumen Content	At the discretion of the Engineer	At the discretion of the Engineer	Not applicable
LAR	Not applicable	Yes , if source is carbonate quarry and does not contain bitumen.	Yes
Insoluble Residue	Yes , if source is carbonate quarry and does not contain bitumen.	Yes , if source is carbonate quarry and does not contain bitumen.	Yes , if source is carbonate quarry.
Litho Exam & Shale Float Test	Yes , for Medium Filter Aggregate	Yes , for Class 3, 4, 5, 5Q & 6, when not from quarried rock, and does not contain bitumen.	Yes , when not from a quarried source.

Testing procedures in the [Grading & Base Manual](#).

Forms and worksheets at the [Grading & Base website](#).

Gradation worksheets at the [SALT Construction website](#).

****MAKE SURE TO FILL OUT THE REQUIRED PRELIMINARY AND FINAL GRADING AND BASE REPORTS AND SUBMIT TO PROJECT ENGINEER.****

http://www.dot.state.mn.us/materials/gradingandbasedocs/Forms/form001_08_043019.xlsx

Certified Ready-Mix Concrete (1 of 3)

The Prime Contractor is responsible to assure that all ready-mix concrete used is produced by an annually Certified Ready-Mix plant as detailed in Specification 2461.3F.

Material Spec.	Test Type (Concrete Manual)	Contractor / Producer QC Testing Rates				Form
bridge 2406.2 2411.2 2461.2 2461.3 general 2301** 2452.2 2461.2 2461.3 2506.2 2511.2 2514.2 2520.2 2521.2 2531.2 2533.2 2545.2 2554.2 2557.2 2564.2 2565.2	Gradation (5-694.145) (5-694.148) 3126, 3131, 3137	For all JMF's & Bridge Deck Mix Designs Daily Concrete Quantity: 1 per fraction per source per day between 20 – 400 yd³ . If over 400 yd3 per day, take a second gradation after the DAILY total exceeds 400 yd3. Bridge Deck Concrete must have passing gradations prior to mixing.				Concrete Agg. Work sheet, Agg. Grad. Control Charts, R-M Plant QC workbook. R-M Plant QA Workbook <

Certified Ready-Mix Concrete (2 of 3)

Spec.		Test Type	Agency QA Testing Rates (1)	Form
bridge 2406.2 2411.2 2461.2 2461.3 general 2301** 2452.2 2461.2 2461.3 2506.2 2511.2 2514.2 2520.2 2521.2 2531.2 2533.2 2545.2 2554.2 2557.2 2564.2 2565.2	Concrete Field-Testing Rates	<u>Sampling Locations for Air, Slump (when required), Temperature and Cylinder Testing</u> First load each day per mix - Take sample after discharging approximately 1/4 yd3, stop further discharge until both slump and air content test are completed. The first load of concrete <u>must have passing air content and slump prior to placement.</u> Cast strength specimens from the same load as the air content and slump test. Test whenever adjustments are made to the mix. Take all tests at the point of placement. Subsequent tests - Sample from the middle portion of the load.		
		Air Content - Type 3 Concrete (5-694.541)	1 test per 100 yd3. Test first load each day per mix. Test when adjustments are made to the mix.	
		Slump (5-694.531)	Test first load each day per mix, then as necessary to verify passing slump. For Bridge Concrete: 1 test per 100 yd3. No testing required for slip form placement.	
		Air and Concrete Temperature (5-694.550)	Record temperature each time air content, slump or compressive strength specimen is performed/fabricated.	
		Compressive Strength (5-694.511) Standard cylinder size is 4 x 8, use 6 x 12 with aggregate greater than 1 1/4". Review 2461.3G.5 Test Methods and Specimens.	<u>General Concrete Grades F, G, M, P, and R:</u> 1 set of 3 cylinders per 300 yd3 per mix per day.	2409 Concrete Cylinder ID Card
			<u>Bridge Concrete Grades B, S, and Y:</u> 1 set of 3 cylinders per 100 yd3, then 1 set of 3 cylinders per 300 yd3 per mix per day	
			Agency will break 1 set of 3 cylinders at 28 days. Agency will cast up to 3 control cylinders, any additional control cylinders are the responsibility of the Contractor.	
			Cellular Concrete: 1 set of 4 cylinders (28 days) per day, fill in 2 equal lifts, <u>do not rod</u> , lightly tap the sides, cover and move to area with no vibration. Do not disturb for 24 hours.	

NOTES:

(1) Review the requirements of 2461.3F Certified Ready-Mix Concrete, 2461.3G Concrete Placement and 5-694.010 Inspector's Checklist in the Concrete Manual.

***Small Quantity Requirements** are for less than 20 yd3 per day, Plant Monitoring is not required but **Concrete Field Testing is required.**

****Concrete Pavement:** Use Certified Ready-Mix Concrete testing rates when: a) The entire concrete paving project is less than 3,500 cu. yd. b) When a secondary plant is used to provide minor work.

Certified Ready-Mix Concrete (3 of 3)

The Prime Contractor is responsible to assure that all ready-mix concrete used is produced by an annually Certified Ready-Mix plant as detailed in Specification 2461.3F.

Guidelines

- The testing rates shown in this Schedule of Materials Control are minimums. Take as many tests as necessary to ensure quality concrete. Should circumstances arise on a project which makes the testing rate impractical, contact the Concrete Engineering Unit.
- All samples shall be taken in a random manner using an appropriate number generator.
- The first load of concrete for any pour must have passing air content and slump results, prior to placing.
- If batching or field adjustments are made, test the adjusted load for air content and if suspect, slump, before it gets into the work. The Engineer will determine if additional testing is required after each water adjustment made during slip form placement. Continue to test for air content and slump, if suspect, when test results are inconsistent or marginal.
- If any field test fails, reject the concrete or if the Producer adjusts the load to meet requirements, record the adjustments on the Certificate of Compliance. Retest the air content of the load, slump if required, and record the adjusted test results. Test the next load for air content and slump, if required, before it gets into the work.
- Material not meeting requirements shall not knowingly be placed in the work. If failing concrete inadvertently gets placed in the work, review either the MnDOT Standard Specifications for Construction or contact the Concrete Engineering Unit for monetary deduction recommendations.

Best practices

- It is recommended that the Agency Plant Monitor be present during critical pours, such as superstructure or paving concrete (i.e., 3A21, S mixes, JMF mixes).
- It is recommended that the Agency representative continually monitor the progress of all concrete pours in the field and review Certificate of Compliances. It is not a recommended practice to only perform minimum testing requirements and leave the pour.
- It is recommended to make standard strength cylinders after the first load of concrete unless that is the only load of concrete for that mix that day.
- The Agency is responsible for verification sampling. For safety and consistency in sampling and splitting of the sample, it is recommended that the agency and the producer/contractor obtain the verification sample in tandem. This will allow the producer/contractor to witness the sampling process and take possession of the verification companion.

Concrete Plant and Field Materials

All materials must come from certified or qualified sources. All certified sources must state so on the delivery invoices. The most current list of certified/approved sources can be found at MnDOT Material website. Materials listed on the Approved/Certified Products List are not required to be sampled but need to be listed on the Material Acceptance Summary detailed in the SALT SMC. Samples can be submitted as directed by the Engineer.

Concrete Plant Batching Materials	Material	Spec. No.	Agency QA Field Sampling Rate	Form No.
	Portland Cement	3101	Shall be a Certified Supplier - For certified ready-mix and concrete paving sample rates: 1 sample when the plant is certified. Take additional samples f the plant changes sources or as the contract requires. The producer obtains a 5 lb. sample and stores the sample in a sealed container provided by the Agency and includes the supplier’s delivery invoice from which the sample is obtained.	24300 ID Card Cement Samples
	Slag	3102		
	Blended Cement	3103		
	Fly Ash	3115		24308 Fly Ash
	Admixtures (Acceleration, Retarding, Water-Reducing, Air-Entraining, etc.)	3113	For all concrete: 1 sample of Air Entrainment and Type A Water Reducer in a 1/2-pint plastic container provided by the Agency when the plant is certified. Take additional samples if the plant changes sources or as the contract requires. The Producer should agitate the admixture tank prior to obtaining samples form dispensing tubes and store the samples in sealed plastic containers provided by the Agency.	2410 Sample ID Card
	Water	3906	1 Non-Potable Water sample in a 1-gallon clean glass or plastic container from a questionable source. Clarified Water: 1 per month during Department production	
Concrete Field Materials	Preformed Joint Filler	3702	Visual Inspection	2410 Sample ID Card
	Preformed Elastomeric Type	3721	1 per lot. Only materials from a qualified source. Link to Approved Products List.	
	Silicone Joint Sealer	3722		
	Hot Poured Elastomeric Type	3723 3725		
	Burlap	3751	Visual Inspection	
	Colored Concrete Membrane Curing Compound	3752	Visual Inspection - Use only from qualified source.	
	Membrane Curing Compound	3753 3754 3755	Visual Inspection - Use only pre-approved curing compounds.	
	Plastic	3756	Visual Inspection - Must be white opaque and free from holes.	
	Refer to the "Metals" schedule for sampling requirements for concrete reinforcement.			

Concrete Pavement – Agency (1 of 2)

Test Type (concrete manual)	Spec.	Concrete Paving Batch Plant Agency QA Testing	Certified Ready-Mix Plant Agency QA Testing	Form
Gradation (1) (5-694.145) (5-694.148)	3126 3131 3137	Daily Concrete Quantity ≥ 500 Agency QA Testing Rates: Verification only Verification Sample: -, *1 per fraction per source per day, split and tested by both Agency and Contractor	Daily Concrete Quantity ≥ 100 yd3 Agency QA Testing Rates: Verification only Verification Sample: -, *1 per fraction per source per week, split and tested by both Agency and Contractor	JMF Concrete Aggregate Workbook
Aggregate Moisture - QC Verification (2) (5-694.142)	2301	If w/c incentives apply: 1 per 1000 yd3 or every 4 hours, whichever is greater. Take initial sample within the first 250 yd3.	If w/c incentives apply: 1 per 200 yd3 or every 4 hours, whichever is greater. Take initial sample within the first 100 yd3.	Concrete W/C Ratio Work sheet
Water Content, Microwave Oven Verification (3) (5-694.532)	2301	Take initial sample within the first 250 yd3. At least one additional verification test should be taken if more than 1000 yd3 is produced in a day.	Take initial sample within the first 100 yd3. At least one additional verification test should be taken if more than 400 yd3 is produced in a day.	
Coarse Aggregate, -200 sieve (5-694.146)	3131 3137	Test Verification sample on the first day of production and each time the Contractor mobilizes the plant, changes the aggregate sources, or the cleanliness of the coarse aggregate is in question, then 1 per week randomly thereafter. -200 test may be performed at the lab instead at the plant at the discretion of the Engineer.		JMF Concrete Aggregate Workbook
Coarse and Fine Aggregate Quality (4)	3126 3131 3137	During concrete production: 1 randomly selected test each fraction every 20,000 yd3 of production. Split the Quality sample 4 ways: 1) Provide 2 quarters of the sample to the producer/contractor. 2) Submit the remaining sample to the lab for quality testing including testing the -200 sieve on the coarse aggregate.		2410 Sample ID Card
Alkali Silica Reactivity (ASR) Testing	2301	1 per paving project per sand source. Provide one 5 lb. sample of: cement, supplementary cementitious material (fly ash or slag), and sand. Write "Project Specific ASR Testing" on all 3 sample cards. ASR Testing is not required if the entire project is less than 3,500 cubic yards.		2410 24300 24308
Coarse Aggregate Quality Testing of Incentive / Disincentive	3137	If coarse aggregate quality incentives apply: Test the Class B aggregates for % absorption and Class C aggregates for % carbonate including any other test necessary to make those determinations. Sample the 2 largest fractions in accordance with the following table and 2301:		Coarse Agg Quality Incentive / Disincentive Work sheet 2410 Sample ID Card
		Coarse Aggregate Quality Incentive/Disincentive Sampling Rates		
		Plan Concrete Cubic Yards	Samples per fraction	
		3,500 - 7,500	3	
		7,501 - 10,000	5	
		10,001 - 25,000	10	
		25,001 - 50,000	15	
50,001 +	20			

*Use Certified Ready-Mix Concrete testing rates when: a) The entire concrete paving project is less than 3,500 cu. yd. b) When a secondary plant is used to provide minor work.

Concrete Pavement – Agency (2 of 2)

Test Type	Spec.	Concrete Field Testing - Agency QA Testing	Form
Air Content before consolidation	Review Concrete Manual Website	1 correlation air test per day	2162 Test Beam Data
Concrete Temperature		Record temperature each time air content, slump or strength test specimen is performed/fabricated by the Agency.	
Flexural Strength		Supply beam boxes or cylinder molds. Cure and test beams and cylinders MnDOT standard beam box size is 6" x 6" x 20" unless others are approved by the Concrete Engineer.	
Opening to Traffic Strength		Supply beam boxes or cylinder molds for field control testing. Cure and test beams and cylinders.	
Concrete Pavement Texture		Determine texture testing locations using random numbers. Observe Contractor Testing when possible.	Probing, Coring, Texture and MIT-Scan T2 Report
Thickness		Determine probing and coring locations using random numbers. Initial pavement at core locations and re-initial the sides of specimens after coring to clearly verify their authenticity. Field measure cores to the nearest 1/8". Transport to the MnDOT Office of Materials and Road Research for final thickness determination	
Surface Smoothness/ Dowel and Tie Bar Steel Location		Observe Contractor Testing when possible	

NOTES:

(1) All gradation samples shall be taken in the presence of the Agency, unless otherwise authorized by the Engineer. All samples shall be taken off the belt leading to the weigh hopper unless otherwise approved by the Engineer. **All gradations and quality tests require companion samples.** If Coarse Aggregate Quality Incentive / Disincentives apply: The Agency may also use the QA samples for incentive / disincentive testing. Notify the Contractor/Producer to double the QC/QA sample size. If well-graded aggregate incentives apply: Use the Contractor's gradation results for well-graded aggregate incentive calculations as verified by Agency testing. Use the Well-graded Concrete Agg. Worksheet.

(2) If w/c incentives apply: Use aggregate moisture results for determining the water content to calculate the w/c incentive/disincentive. Use the Concrete W/C Ratio Calculation Worksheet and do not leave sample unattended. Microwave oven verification testing to verify the w/c ratio is completed in conjunction with Agency aggregate moisture testing. Do not leave samples unattended.

(3) If w/c incentives apply: Microwave oven verification testing to verify the w/c ratio is completed in conjunction with Agency aggregate moisture testing. Do not leave samples unattended.

(4) Prior to concrete production: Obtain pre-production samples for quality testing at least 16 hours prior to concrete production. Samples may be taken from the stockpile and -200 test may be performed at the lab instead at the plant at the discretion of the Engineer. If the entire project is <3,500 yd³, pre-production sampling is not required.

Minimum Aggregate Sample Size				
*companion required, double sample				
Aggregate Size	Gradation*	Quality*	Moisture	% -200 C.Agg
3/4" Plus, #4	30 lb.	50 lb.	2000 g	5000 g
3/4" Minus, #67	10 lb.	30 lb.	2000 g	2500 g
#7, CA-70	6 lb.	20 lb.	2000 g	2500 g
CIA to meet #67	6 lb.	20 lb.	500 g	500 g
CIA to meet JMF	500 g	20 lb.	500 g	500 g
FIA, CS, FS	500 g	20 lb.	500 g	-
CA-80, #89	500 g	20 lb.	500 g	500 g
Fine Aggregate	500 g	20 lb.	500 g	-

Concrete Pavement – Producer/Contractor (1 of 2)

Test Type (concrete manual)	Spec.	Concrete Paving Batch Plant Contractor/Producer QC Testing	Certified Ready-Mix Plant Contractor/Producer QC Testing
Gradation (1) (5-694.145) (5-694.148)	3126 3131 3137	When > 250 yd ³ produced/ day: 1 per 2500 yd ³ per fraction per source. Take initial samples for aggregate gradation testing within the first 500 yd ³ . Test the verification companion sample on the day the sample was taken.	When 20-400yd ³ produced/ day: 1 per fraction per source. If over 400 yd ³ per day, take a second gradation after the total exceeds 400 yd ³ . Test the verification companion sample on the day the sample was taken.
Coarse Aggregate -200 sieve (5-694.146)	3131 3137	Test the verification companion sample. Test these samples at the plant.	
Aggregate Moisture QC Verification (2) (5-694.142)	2301	If w/c incentives do not apply: 1 per 1000 yd ³ , or 1 completed every 4 hours, whichever is the higher sampling rate.	If w/c incentives do not apply: 1 completed every 4 hours.
Water Content, Microwave Oven Verification	Review Concrete Manual 2301	If w/c incentives apply: Obtain the plastic concrete sample at the plant. See Concrete Manual (5-694.532)	
Unit Weight QC		Test one load of concrete per day at the plant. See Concrete Manual (5-694.542)	
Air Content QC (5-694.541)		Test the first load of concrete at the plant	
Coarse Aggregate Quality	3126 3131 3137	Test at Producer/Contractor Discretion	
Unit Weight		Test 1 load of concrete per day at the plant.	
Air Content for Type 3 Concrete (QC)		Test the first load of concrete at the plant.	
Coarse Aggregate Quality Testing for Incentive / Disincentive	3137	Test at the Contractor's discretion.	

* Use Certified Ready-Mix Concrete testing rates when: a) The entire concrete paving project is less than 3,500 cu. yd. b) When a secondary plant is used to provide minor work.

Concrete Pavement – Producer/Contractor (2 of 2)

NOTES:

(1) Performing testing on representative material at the end of the most recent day of production is allowed. If well-graded aggregate incentives apply: Use the Contractor's gradation results for well-graded aggregate incentive calculations as verified by Agency testing. Washing the fine aggregate gradation (QC) sample is not required when the result on the #200 sieve of the unwashed sample is less than 1.0%. Wash all fine aggregate Verification Companion samples.

(2) Complete the initial moisture content and adjust the batch water prior to the start of concrete production each day. If weather conditions allow, performing moisture testing on representative material at the end of production the prior evening is allowed. Enter results into the batching system in real time.

Test Type	Spec.	Concrete Field Testing - Contractor QC Testing
Air Content before consolidation for Type 3 concrete	Review Concrete Manual Website	1 per 300 yd ³ or 1 per hour, whichever is less. Test first load each day per mix.
Slump		Test slump if concrete is suspected to be outside of required slump range as directed by the Engineer.
Concrete Temperature		Record temperature each time air content, slump or strength test specimen is performed/fabricated by the Contractor.
Flexural Strength		For information only: 1 beam (28-day) per week per mix. 1 cylinder (28-day) per week per mix may be substituted at the discretion of the Engineer. Provide moist curing environments, fabricate beams or cylinders, deliver to curing site, and clean beam boxes
Opening to Traffic		For opening to traffic: Make field control beams within the last hour of concrete poured each day. Substitute field control cylinders for field control beams at the discretion of the Engineer. Maturity testing is allowed in lieu of field control cylinders or beams. Fabricate beams or cylinders, deliver to curing site, and clean beam boxes.
Concrete Pavement Texture		Perform texture testing at locations determined by the Engineer in accordance with the Contract
Thickness		Probe, scan and core at locations determined by the Engineer in accordance with the Contract
Surface Smoothness		Measure smoothness of the final concrete as required by the Contract. Perform all profiling in the presence of the Engineer unless otherwise approved by the Engineer.
Dowel Bar and Tie Bar Steel Location		For Concrete projects greater than 3500 yd ³ . On the first day and each day of slip form pavement: (1) Verify the adequacy of the dowel bar anchoring by scanning seven random doweled contraction joints in each subplot. (2) Verify the presence and alignment of tie bar steel by scanning 75 lin. Ft. in each subplot. If the Engineer determines the first day's dowel bar anchoring and tie bar placement processes are acceptable, the Engineer may allow a reduction in scanned joints in each subplot as follows: (1) Verify the adequacy of the dowel bar anchoring by scanning four random doweled contraction joints per subplot. (2) Verify the presence and alignment of tie bar steel by scanning 25 lin. ft. out of every subplot.

Concrete Wearing Course for Bridges

Test Type (Concrete Manual)	Spec.	Contractor/Producer QC Testing	Agency QA Testing	Form
Gradation, Quality, Coarse Agg -200 QC/Verification (5-694.145) (5-694.146) (5-694.148)	3126 3137	Prior to production: The Contractor shall provide the Agency with: Aggregate pit numbers, 1 passing gradation result per fraction per source. Test Agency companion samples are Contractor's discretion. No quality tests are required.	Prior to production and each time aggregate is delivered to site: 1 gradation and quality per fraction prior to concrete production and each time aggregate is delivered to the site. Identify quality samples with a "Q" on the Sample ID Card and the Quality companion sample.	2410 Sample ID Card
Air Content - Type 3 Concrete (Verification) (5-694.541)	2431	None	1 per 15 yd ³ , Test at beginning of pour each day.	Weekly Report of Low Slump Concrete
Slump (Verification) (5-694.531)		None	1 per 15 yd ³ Test at beginning of pour each day. For concrete from a concrete mobil, allow mix to hydrate 5 minutes before slump test to assure all cement is saturated.	
Compressive Strength (5-694.511)		None	1 cylinder (28 day) per 30 yd ³ , standard cylinder mold size is 4 x 8 inch.	2409 Cyl. ID Card
Cement	3101	None	Each time cement is delivered to site. Obtain a 5 lb. sample. Store sample in a sealed container and include the supplier's delivery invoice from which the sample is obtained.	2430 Sample ID Card
Admixtures	3113	None	Each time new lot/batch admixture is delivered to site: Obtain a ½ pint sample. Store the sample in a sealed plastic container.	2410 Sample ID Card
Test	Minimum Sample Size All gradation and aggregate quality tests require companion samples, double sample size. Samples taken at location identified on Contact Report located at plant.			
Gradation	6 lb. for # 7, 500 g for CA-80		500 g for Sand	
Quality	30 lb. for Coarse Aggregate		20 lb. Fine Aggregate	

Concrete Pavement Repair – CPR for 3U18

Test Type	Spec.	Contractor/Producer QC Testing	Agency QA Testing For volumetric batching only.	Forms
Gradation, Quality, Coarse Agg -200	3126 3137	<p>Prior to production: The Contractor shall provide the Agency with: Aggregate pit numbers, 1 passing gradation result per fraction per source.</p> <p>No quality test results are required. Test companion samples at Contractor's discretion.</p>	<p>Gradation: Prior to concrete production and each time aggregate is delivered to the site. 1 per aggregate fraction prior to production and each time aggregate is delivered to the site.</p> <p>Quality Testing & Coarse Agg -200: 1 test per aggregate fraction per source. The Agency may use the gradation results for the Quality Samples as a substitute for 1 required field gradation. Identify quality samples with a "Q" on the Sample ID Card and the Quality companion sample.</p>	2410 Sample ID Card
Air Content - Type 3 Concrete (Verification)	Review Concrete Manual Website	None	1 per 15 yd ³ or 1 per 4 hours whichever results in the highest sampling rate. Test at beginning of pour each day.	21412 Weekly Report of Low Slump Concrete
Slump (Verification)		None	1 per 15 yd ³ , Test at beginning of pour each day. Allow mix to hydrate 5 minutes before slump test to assure all cement is saturated. Test slump if concrete is suspected to be outside of required slump range.	
Compressive Strength		None	1 set of 3 cylinders (28 day) per 30 yd ³ . The Agency will cast up to three (3) field control cylinders, standard cylinder mold size is 4 x 8 inch.	2409 Cyl. ID Card
Type 1 Cement	3101	None	For Volumetric batching only: Each time cement is delivered to site. Obtain a 5 lb. sample. Store sample in a sealed container and include the supplier's delivery invoice from which the sample is obtained.	2430 Sample ID Card
Admixtures	3113	None	Each time new lot/batch admixture is delivered to site: Obtain a ½ pint sample. Store the sample in a sealed plastic container.	2430 Sample ID Card
Test	Minimum Sample Size All gradation and aggregate quality tests require companion samples, double sample size. Samples taken at location identified on Contact Report located at plant.			
Gradation	6 lb. for # 7, 500 g for CA-80		500 g for Sand	
Quality	30 lb. for Coarse Aggregate		20 lb. Fine Aggregate	

Dowel Bar Retrofit – (DBR)

Test Type	Spec.	Contractor/Producer QC Testing	Agency QA Testing	Form
Gradation Testing (Verification), Quality Testing including, Coarse Agg -200	3137	<p>Prior to production: The Contractor shall provide the Agency with: Aggregate pit numbers, 1 passing gradation result per fraction per source.</p> <p>No quality test results are required. Test companion samples are Contractor's discretion.</p>	<p>Gradation: Prior to concrete production and each time aggregate is delivered to the site. 1 per aggregate fraction prior to production and each time aggregate is delivered to the site.</p> <p>Quality Testing & Coarse Agg -200: 1 test per aggregate fraction per source. The Agency may use the gradation results for the Quality Samples as a substitute for 1 required field gradation. Identify quality samples with a “Q” on the Sample ID Card and the Quality companion sample.</p>	2410 Sample ID Card
Test Type	Spec.	Agency QA Testing		Form
DBR Material Compressive Strength	Review Concrete Manual	Contractor Testing: Any additional field control cylinders are the responsibility of the Contractor.		2409 Cylinder ID Card
		<p>Agency Testing: 1 set of 3 cylinders (28 day) The Agency will cast up to three (3) field control cylinders, standard cylinder mold size is 4 x 8 inch.</p>		
Test	Minimum Sample Size			
	All gradation and quality tests require companion samples, double sample size. Samples taken at location identified on Contact Report locates at plant.			
Gradation	500 g for # 89 & Sand			
Quality	30 lb. Coarse Aggregate		20 lb. Fine Aggregate	

Landscaping and Erosion Control Items

Kind of Material	Spec. #	Minimum Required Agency QA Acceptance Testing (Field Testing Rate)
Manufactured Topsoil Borrow, Salvaged Topsoil (stockpiled)	3877.2	As directed by the Engineer
Plant Stock & Landscape Materials	3861 and 2571.2A1	Materials must be in accordance with the Inspection and Contract Administration Guidelines for MnDOT Landscape Projects of which determines the minimum and maximum criteria thresholds. Certificate of Compliance, Nursery stock certificate registered with MN Dept. of Agriculture. Out of state products subject to pest quarantines must accompanied by documentation certifying all products are free of regulated pests.
Erosion Control Blanket	3885	Visual Inspection and Check approved products or approved vendors list - As directed by the Engineer.
Erosion Control Netting	3885	
Silt Fence	3886	
Erosion Stabilization Mat	3885	
Flotation Silt Curtain	3887	Accepted, based on manufacturers certification of compliance. Check weight of fabric.
Filter Logs	3897	Visual Inspection
Flocculants	3898	Obtain copy of Certificate of Compliance and MSDS
Fertilizer	3881	Obtain copy of invoice of blended material stating analysis.
Agricultural Lime	3879	Contractor must supply amount of ENP (Equivalent Neutralizing Power) for each shipment.
Mulch - Type 3	3882	Certified Weed Free (Certified sources only) Check for Certified Vendor tag from Minnesota Crop Improvement Association (MCIA).
Mulch - Type 6 - Woodchips		All wood chips supplied by a supplier outside the Emerald Ash Borer quarantine area or have an Emerald Ash Borer Compliance Agreement with the MDA
Seeds	3876	(Certified Vendors Only) (Mixes 100-299) Check for Certified Vendor tag from Minnesota Crop Improvement Association (MCIA).
Native Seed		(Mixes 300-399) certified seed only. Check for Certified Vendor tag from Minnesota Crop Improvement Association (MCIA).
Sod	3878	Visual Inspection - Check approved products list - As directed by the Engineer. Check for Certified Vendor tag from Minnesota Crop Improvement Association (MCIA) for salt tolerant sod.
Compost (from Certified Source)	3890	
Compost (from Non- Certified Source)		Visual Inspection - As directed by the Engineer.
Hydraulic Soil Stabilizer	3884	Check Approved/Qualified Products List - As directed by the Engineer.

Chemical Items

Kind of Material	Spec. No.	Minimum Required Agency QA Acceptance Testing (Field Testing Rate)
Asphalt Plank	3204	Visual Inspection - As directed by the Engineer.
Calcium Chloride	3911	Review the percentage required as per specification. Check for listing on Qualified Products website.
Magnesium Chloride	3912	
Hot-Pour Crack Sealant (for Crack Sealing/Filling)	3719 3723 3725	Retain Certification of Compliance. Check for listing on Qualified Products website.
Pavement Joint Adhesive	Special Provisions	Retain Certification of Compliance
Waterproofing Materials		
Membrane Waterproofing System	3757	Visual Inspection - Check qualified products list.
Waterproofing Materials - Three Ply System		
Asphalt Primer	3165	Verify supplied material meets ASTM D 41
Waterproofing Asphalt	3166	Verify supplied material meets ASTM D 449
Fabric	3201	Verify supplied material meets ASTM D 41
Paints		
Waterborne Latex - Traffic Paint	3591	Visual Inspection - Check qualified products list - retain Certificate of Compliance.
Epoxy Traffic Paint	3590	
Traffic Marking Paint	Special Provisions	
Non-Traffic Striping Paints	3500 Series	Retain Certification of Compliance
Bridge Structural Steel Paint	3520	Visual Inspection - Check approved products list - retain Certificate of Compliance.
Exterior Masonry Paint	3584	
Noise Wall Stain	Special Provisions	
Drop-on Glass Beads	3592	Visual Inspection - Check qualified products list. Retain Certificate of Compliance.
Pavement Marking Tape	3354	Visual Inspection - Check qualified products list. Retain Certificate of Compliance.
	3355	
	Special Provisions	
Signs and Markers	3352	Visual Inspection - Check qualified products list.

Metals (1 of 2)

Kind of Material	Spec. No.	Minimum Required Agency QA Acceptance Testing (Field Testing Rate) *
Guard Rail		
Fittings - Splicers, Bolts, Posts etc.	3381	Visual Inspection - Materials shall be approved before use. Call MnDOT inspector at 218-846-3613 to see if material has been approved.
Structural Plate Beam	3382	
Non-High Tension Guard Rail Cable	3381	
High Tension Guard Rail Cable	Special Provisions	
Steel Posts		
Steel Signposts	3401	Visual Inspection - As directed by the Engineer. Retain Certificate of Compliance in Project file.
Fence Posts, Brace Bars, Rails and others	3403	Visual Inspection - As directed by the Engineer. Retain Certificate of Compliance and certified mill analysis in project file.
	3406	
	3379	
Fence		
Barbed Wire	3376	Visual Inspection Retain Certification of Compliance, As directed by the Engineer.
Woven Wire		
Chain Link Fabric		
Components: cup, cap, nut, bolt, end clamp, tension band, truss rod tightener, hog ring, tie wire, tension stretcher bar, truss rod, clamp & tension wire		
Gates	3379	
Pipe		
Water Pipe and other Piping Materials	3364, 3365, 3366 & Special Provisions	Visual Inspection - As directed by the Engineer.
Reinforcing Steel - Inspected by MnDOT & will be charged back to the Local Agency.		
Uncoated Bars	3301	Retain Certificate of Compliance & Certified Mill Analysis
Epoxy Coated Bars	3301	For Epoxy-Coated bars, steel will be tagged "Inspected" when it has been sampled and tested by Mn/DOT prior to shipment, & it will be tagged "Sampled" when testing has not been completed prior to shipment. If the Epoxy-Coated bars are not tagged "Sampled" or "Inspected", submit samples (1 bar 3ft long for each size for each day's coating production), Certificate of Compliance, & Certified Mill Analysis for testing. Maintain original Cert. of Compliance & Certified Mill Analysis in project file.
Spirals	3305	
Stainless Steel Bars	Special Provisions	Visual Inspection Testing as directed by the Engineer (2 bars 3 ft. long per heat per bar size). Certified Mill Test Reports to be filed.

Metals (2 of 2)

Kind of Material	Spec. No.	Minimum Required Agency QA Acceptance Testing (Field Testing Rate) *	
Reinforcing Steel - Inspected by MnDOT & will be charged back to the Local Agency.			
Steel Fabric	3303	2 sq. ft. if epoxy coated.	Visual Inspection - Retain Certificate of Compliance.
Dowel Bars	3302	One dowel bar and basket from each shipment.	
Prestress/Post Tension Strands	3348 Spec Prov	One sample of 2 strands by 6 ft. from each heat/production lot.	
Castings			
Drainage Castings	3321	Visual Inspection - Check approved / qualified list.	
	2471		
Electrical	2565		
Anchor Rods (Cast in Place) and Structural Fasteners	3385 3391	Visual Inspection - Check approved / qualified list. Testing as directed by the Engineer (see notes below)	
Notes: Manufacturer must have one yearly passing test from the Department for each anchor rod or bolt type. Prior to installation, obtain copy of MnDOT passing test report from supplier. Specs 3385.2 A, B, & C require anchor rod markings per ASTM F 1554 S3. The end of each anchor bolt intended to project from the concrete must be die stamped with the grade identification as follows: Grade 36 = AB36, Grade 55 = AB55, Grade 105 = AB105.			
Anchorages (Drilled In)	Special Provisions	Visual Inspection - Check qualified products list.	
Structural Steel	Inspected by MnDOT & will be charged back to the Local Agency.		
Steel Bridge - Beams, Girders, Diaphragms, etc.	2471	Structural Metals Inspection Tag and field inspection for damage/defects, check dimensions for contract compliance. Review approved products list as directed by the Engineer. Note: Structural metals products will be inspected at the plant and will be shipped with a Structural Metals Inspection Tag. An inspection confirmation report will be completed by Structural Metals Inspection staff and sent to the field personnel. Only approved suppliers are allowed to supply Structural Metals products. A list of approved suppliers can be found on the Bridge Office website .	
Concrete Girders- Diaphragms and sole plates			
Expansion Joints			
Steel Bearings			
Railing-Structural tube and ornamental			
Drainage Systems			
Protection Angles			
Overhead Sign structures	2564 2471		
High Mast Lighting Structures	2545 2471		
Monotube Signal Structures	2565 2471		

*Check domestic steel requirement under 1601 Special Provision.

Geosynthetics, Pipe, Tile, Precast/ Prestressed Concrete

Kind of Material	Spec. No.	Minimum Required Agency QA Acceptance Testing (Field Testing Rate)
Corrugated Metal Products		
Culvert Pipe Under Drains Erosion Control Structures	3225 thru 3229, 3351, 3399	Make certain pipe is Certified on Invoice, retain certificate of compliance and certified mill analysis in project file.
Structural Plate	3231	
Aluminum Structural Plate	3233	Retain the Certificate of Compliance and mill analysis in project file.
Pipe		
Clay Pipe	3251	Visual Inspection
Reinforced Concrete Pipe and Arches, Precast Cattle Pass Units, Sectional Manhole Units	3236	Field Inspection: Check for damage and defects. Check dimensions and class as required.
Non-Reinforced Concrete Pipe	3253	
Drain Tile (Clay or Concrete)	3276	Visual Inspection - Acceptance as directed by the Engineer.
Thermoplastic (TP) Pipe ABS and PVC	3245	Obtain Certificate of compliance. Check for approved marking printed on pipe. Field Inspect for damage or defects.
Corrugated Polyethylene Pipe	3278	Check for markings (AASHTO M 252) Certificate of Compliance. Field Inspect for damage or defects.
Corrugated Polyethylene Pipe - Dual Wall 12"-48"	3247	Visual Inspection - Check approved products list. Obtain Certificate of Compliance.
Precast/Prestressed Concrete Structures - Inspected by MnDOT & will be charged back to the Local Agency.		
Reinforced Precast Box Culvert	3238	Field Inspection: Check for damage and defects. Check dimensions as required. Check for the "MnDOT" stamp and signature on the certification document.
Precast/Prestressed Concrete Structure (beams, posts, etc.)	2405	
Manholes and Catch Basins	2506 3622	
Sewer Joint Sealing Compound	3724	Visual Inspection - Acceptance as directed by the Engineer.
Preformed Plastic Sealer for Pipe	3726 Type b	Visual Inspection - Acceptance as directed by the Engineer.
Bituminous Mastic Joint Sealer for Pipe	3728	
EPS Geofoam	Special Provisions	Visual Inspection - Acceptance as directed by the Engineer. Check for yellow aged material, uniformity and dimensions.
Geotextile Fabric and Geogrid Reinforcement	3733 and Special Provisions	Obtain Certificate of Compliance stating minimum average roll values (MARV). MARV must meet Project requirements. Fabric must be listed on Geotextile Small Quantity Acceptance List .
Geotextile Small Quantity Acceptance List		
Silt Fence	3886	Visual Inspection - Check approved products list.

Electrical and Signal Equipment Items (1 of 2)

Kind of Material	Spec. No.	Minimum Required Agency QA Acceptance Testing (Field Testing Rate)
Lighting Standards (Aluminum or Steel)	3811	Visual Inspection - Obtain Certificate of Compliance. The Fabricator will submit "Certificate of Compliance," on a per project basis, to the Project Engineer.
Hand Holes (Precast, PVC, and LLDPE)	2545	Visual Inspection - Check approved/qualified products list. Traffic signal and street lighting projects require hand holes to be listed on the MnDOT Signals Approved Products List (APL). For cast iron frame and cover: see Metals - Drainage and Electrical Castings
	2550	
	2565	
Foundation	2545	Slump as needed, 1 cylinder per 25 cu. yds. Rebar is required in concrete foundations as specified in the Contract documents for all traffic control signals and roadway lighting projects.
Steel Screw In Foundations	2545 2565	See Approved/Qualified Products List for Roadway Lighting and Signals.
Conduit and Fittings		
Metallic	3801	Visual Inspection - Conduit shall be labeled as being listed by a National Recognized Testing Laboratory (NRTL). For traffic signal and street lighting projects, specific requirements are contained in the Special Provisions for each project.
	3802	
Non-Metallic (Rigid and HDPE)	3803	
	Special Provisions	
Anchor Rods and Bolts (Cast in Place)	3385	Visual Inspection - Manufacturer must have one yearly passing test from the Department for each anchor rod or bolt type. Prior to installation, obtain copy of Mn/DOT passing test report from supplier. Specs 3385.2 A, B, & C require anchor rod markings per ASTM F 1554 S3. The end of each anchor bolt intended to project from the concrete must be die stamped with the grade identification as follows: Grade 36 = AB36, Grade 55 = AB55, Grade 105 = AB105.
Anchorages (Drilled In)	Special Provision	Visual Inspection - Check qualified products list.
Miscellaneous Hardware	2545 2565	Visual Inspection - Check approved products list. Will carry "Inspected" tag if sampled and tested prior to shipment. No sample necessary if "Inspected". Do not use if not tested. Field sample at sampling rate for laboratory testing. For traffic signal and street light lighting projects, various miscellaneous hardware is required to be listed on the MnDOT Signals and Lighting Approved Products Lists (APL). The Contract documents indicate, which items must be on the Signals and/or Lighting APL.

Electrical and Signal Equipment Items (2 of 2)

Kind of Material	Spec. No.	Minimum Required Agency QA Acceptance Testing (Field Testing Rate)
Cable and Conductors		
Power Conductors	3815.2B1	Visual Inspection - Make certain the conductors are the type specified. Submit Field Inspection report showing type and quantities used. Shall be labeled as being listed by a National Recognized Testing Laboratory (NRTL) and type where applicable.
Loop Detector Conductors (No Tubing)	3815.2B2 (a)	
Electrical Cables and Single Conductors with Jacket	3815.2B2(b) 3815.2B3	Visual Inspection - Usually inspected at the distributor. Documentation showing project number, reel number(s), & MnDOT test number(s) will be included with each project shipment. If such documentation is not received from Contractor, submit sample for testing along with material certification from manufacturer. Do not use if not tested. Pre-inspected materials will not be tagged; an inspection report will be sent by the MnDOT inspector for each shipment. Project inspectors should verify that the shipping documents agree with this inspection report. Call Steve Grover at 651-366-5540 or Cindy Schellack at 651-366-5543 with questions. For traffic signal and street lighting projects, the Special Provisions for each project contain electrical cable and conductor specifications.
	3815.2B5	
	3815.2C1 thru .2C8	
	3815.2C14	
	Special Provisions	
Fiber Optic Cables	3815.2C13	Visual Inspection - Check approved products list for Traffic Management Systems.
Ground Rods	2545	Visual Inspection - Check approved products list. Shall be labeled as being listed by a National Recognized Testing Laboratory (NRTL). Detail materials on Materials Acceptance Summary.
	2565	
Luminaires and Lamps	3810	Visual Inspection - Check approved products list. Traffic signal and street lighting projects require luminaires and lamps to be listed on the MnDOT Lighting Approved/Qualified Products List (APL). The conductors shall be labeled as being listed by a National Recognized Testing Laboratory (NRTL) and type, where applicable.
Electrical Systems	2565	Electrical Systems are to be reported as a "System" using the LIGHTING, SIGNAL AND TRAFFIC RECORDER INSPECTION REPORT. To be certified by the Project Engineer.
Traffic Signal Systems	2565	Traffic Signal Systems are to be reported as a "System" using the LIGHTING, SIGNAL AND TRAFFIC RECORDER INSPECTION REPORT. To be certified by the Project Engineer.

Brick, Stone, and Masonry Units

Kind of Material	Spec. No.	Minimum Required Agency QA Acceptance Testing (Field Testing Rate)
Brick		
Sewer (clay) and Building	3612 to 3615	Visual Inspection - Acceptance as directed by the Engineer.
Sewer (Concrete)	3616	Visual Inspection - Acceptance as directed by the Engineer. Air entrainment required. Obtain air content statement from supplier.
Concrete Masonry Units		
Sewer Construction	3621	Visual Inspection - Acceptance as directed by the Engineer. Air entrainment required. Obtain air content statement from supplier.
Modular Block Retaining Walls	Review Current Special Provisions	Visual Inspection - Note: All lots of blocks upon delivery shall have Manufacturer or Independent laboratory test results to verify passing both compression and freeze-thaw requirements. * Wall units and cap units are considered separate block types.
Reinforced Concrete Cribbing	3661	Visual Inspection - Acceptance as directed by the Engineer. Will be stamped when inspected prior to shipment.
Stone for Masonry or Rip-Rap	2511, 3601 and Special Provisions	Visual Inspection - Acceptance as directed by the Engineer.

Remarks: each source shall be approved by Project Engineer or supervisor for quality, prior to use. For questions on quality, contact District Materials or Geology Unit.

Miscellaneous Materials

Kind of Material	Spec. No.	Minimum Required Agency QA Acceptance Testing (Field Testing Rate)
Timber, Lumber Piling & Posts	3412 to 3471 & 3491	Visual Inspection - Acceptance as directed by the Engineer. Untreated materials shall be inspected in the field. Treated materials shall be Certified on the Invoice or Shipping Ticket. Material is inspected and stamped by an Independent Agency as per Specification 3491. Contact Laboratory for additional information.
Miscellaneous pieces and Hardware (Galvanized)	3392 3394	Visual Inspection - Acceptance as directed by the Engineer.
Insulation Board	3760	
Elastomeric Bearing Pads - Plain or Laminated	3741 and Special Provisions	Check dimensions. Check repair of tested pad. Obtain copy of Certificate of Compliance. DO NOT USE ANY PADS THAT ARE NOT CERTIFIED.
Cotton Duck Bearing Pads		

Approved/Qualified Products & Resources

Approved/Qualified Products

- [Asphalt Products](#)
- [Bridge Products](#)
- [Concrete Products](#)
- [Crack and Joint Material Products](#)
- [Drainage](#)
- [Erosion Control and Landscaping Products](#)
- [Geosynthetic](#)
- [Maintenance Shop Supplies](#)
- [Paint/Stain/Coating Systems \(Non-Pavement\)](#)
- [Pavement Markings](#)
- [Precast Concrete](#)
- [Roadside Barriers](#)
- [Roadway Lighting Products](#)
- [Signals Products](#)
- [Signing Products](#)
- [Snow and Ice Chemical Products](#)
- [Temporary Traffic Control Devices](#)
- [Traffic Management Systems/ITS](#)
- [Truncated Domes](#)
- [Vehicle Safety Lighting](#)
- [Walls \(Retaining/Noise\)](#)

Additional Resources

- [SALT Construction webpage](#)
- [Bituminous Engineering](#)
 - [Asphalt Binder Certified Supplier](#)
 - [Asphalt Emulsion Certified Supplier](#)
- [Concrete Engineering](#)
 - [MnDOT Concrete Manual](#)
 - [QC & QA RM Plant Workbooks](#)
 - [MnDOT Certified Ready-Mix Program](#)
- Grading & Base Engineering
 - Testing procedures in the [Grading & Base Manual](#)
 - Forms and worksheets at the [Grading & Base website](#)
 - Gradation worksheets on the [SALT Construction website](#)

Contacts

MnDOT Construction and Materials State Aid Contacts

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MnDOT Specialty Offices Contacts

Grading & Base

Terry Beaudry terry.beaudry@state.mn.us	Grading & Base Engineer	651-366-5456
John Bormann john.bormann@state.mn.us	Grading & Base Specialist	651-366-5596

Bituminous*

John Garrity john.garrity@state.mn.us	Bituminous Engineer	651-366-5577
Greg Johnson Greg.johnson@state.mn.us	Asst. Bituminous Engineer	651-366-5464
Chelsea Bennett chelsea.bennett@state.mn.us	Asst. Bituminous Engineer	651-366-5482
Joel Ulring joel.ulring@state.mn.us	Pavement Preservation	651-366-5432
Mike Skurdalsvold	Bituminous Mix Design Specialist	612-499-2998
Ray Betts ray.betts@state.mn.us	Bituminous Trial Mix Lab Tech	651-366-5469
Rich Kane richard.kane@state.mn.us	Bituminous Plant & Lab Testing	612-437-3005

*See website for the contact list by topic

Concrete*

Maria Masten maria.masten@state.mn.us	Concrete Engineer	651-334-4015
Jacob Gave jacob.gave@state.mn.us	Asst. Concrete Engineer	612-554-9289
Rob Golish robert.golish@sate.mn.us	Asst. Concrete Engineer	651-216-0516
Matt Herbst	Concrete Engineering Specialist	651-283-7127

2024 SALT Schedule of Materials Control – Local Government Agency

Matt.herbst@state.mn.us		
Brad Swenson brad.swenson@state.mn.us	Concrete Engineering Specialist	218-232-1012
Gordy Bruhn gordon.bruhn@state.mn.us	Concrete Field Engineering Specialist	651-398-9597
Mike Daniels michael.daniels@state.mn.us	Concrete Engineering Specialist	320-293-9421

*See website for the contact list by topic

Contacts for other materials can be found on the [Materials and Road Research Contacts webpage](#).

Contacts for Approved Products can be found at the [Approved/Qualified Products Contact webpage](#).

Materials Lab. Contacts	Independent Assurance
District 1, Duluth Leila DeLuca Phone: 218-725-2738 D1.duluth.lab.dot@state.mn.us	Nadine Miller Phone: 218-725-2737 Cell: 218-348-6297 nadine.miller@state.mn.us
District 2, Bemidji Jason Kissel Phone: 218-755-6542 jason.kissel@state.mn.us Mike Murphy (Concrete & Aggregates) Phone: 218-755-6593 mike.murphy@state.mn.us Dustin Reese (Bituminous) Phone: 218-755-6593 dustin.reese@state.mn.us	Ray Wesley Cell: 218-766-6949 raymond.wesley@state.mn.us
District 3A, Baxter Tom Boser Phone: 218-828-5755 tom.boser@state.mn.us	Matt Miles Cell: 218-232-6748 matt.miles@state.mn.us
District 3B, Saint Cloud Nick Fisher Phone: 320-2236500 nicholas.fisher@state.mn.us Andy Kostreba Phone: 320-223-6554 andy.kostreba@state.mn.us	Travis Erickson Cell: 320-291-3582 travis.erickson@state.mn.us
District 4, Detroit Lakes Bruce Bryngelson Phone: 218-846-3614 bruce.bryngelson@state.mn.us Wayne Koons	Casey Clarke Cell: 218-849-7393

2024 SALT Schedule of Materials Control – Local Government Agency

<p>Phone: 218-846-3617 wayne.koons@state.mn.us</p>	<p>casey.clarke@state.mn.us</p>
<p>Metro District, Maplewood Lab</p> <p>Brent Sculley Phone 651-366-5409 brent.scolley@state.mn.us</p>	<p>Waters Edge Phone: 651-234-7356</p> <p>Zachary Lyrek-Hanks Phone: 651-775-1018 zachary.Lyrek-Hanks@state.mn.us</p> <p>West Karl Sinclair Phone: 651-775-0998 karl.sinclair@state.mn.us</p> <p>East Kris Westerbur Phone: 651-755-1151 kristopher.westerbur@state.mn.us</p> <p>Kaleb Kollmann Phone: 651-478-0339 kaleb.kollmann@state.mn.us</p>
<p>District 6, Rochester</p> <p>Scott Swanson Phone: 507-286-7580 scott.a.swanson@state.mn.us</p> <p>Jeff Bale (Aggregates) Phone: 507-286-7586 jeff.bale@state.mn.us</p> <p>Joe Drees (Bituminous) Phone: 507-286-7582 joe.drees@state.mn.us</p> <p>Gary Vinge Phone: 507-286-7585 gary.vinge@sate.mn.us</p>	<p>Dennis Hayes</p> <p>Cell: 507-251-0138 dennis.hayes@state.mn.us</p>
<p>District 7, Mankato</p> <p>Lee McLaughlin Phone: 507-304-6189 lee.mclaughlin@state.mn.us</p>	<p>Mitch Jordahl Cell: 507-380-9619 mitch.jordahl@state.mn.us</p>
<p>District 8, Willmar and Marshall</p> <p>Jon Vlaininck Phone: 320-214-6348 Cell: 320-894-7409 jon.vlaininck@state.mn.us</p> <p>District 8B, Marshall</p> <p>Matt Steinbronn Phone: 507-537-2068 matthew.steinbronn@state.mn.us</p>	<p>Paul Janke</p> <p>Cell: 320-212-5739 paul.janke@state.mn.us</p>

Sample Sizes

Lbs.

Bituminous	35	Aggregate for Gradation QC/QA
	80	for each plus #4 Aggregate Type for Quality Testing
	35	for each minus #4 Aggregate Type for Quality Testing
	80	for each RAP material for Quality Testing
	10	RAS (shingles) for Processed Gradation and Quality Testing
	65	for Mix Properties (QC/QA) 3 full 6" by 12"-cylinder molds for QA
	90	for TSR (QC/QA) 4 full 6" by 12"-cylinder molds for QA
	90	for Aggregate Specific Gravity QC/QA
	-	1 quart of Asphalt Binder QA
	-	1/2 gallon for Asphalt Emulsion QA
Grading & Base	30	Aggregate for Gradation (Companion sample from 60 lb. split).
	25	Moisture Density Test – Proctor (Companion from 50 lb. split).
	30	Aggregate Quality/Percent Crushing Test - 1 per source
Ready-Mix Concrete	25	Gradation 3/4" plus
	10	Gradation 3/4" minus
	6	Gradation CA 70 & #7
	1	Gradation - Sand (500 g), CA 80, #89.
	4.4	Moisture Test Coarse Aggregate (2000 g)
	1.1	Moisture Test Fine Aggregate (500 g)
	50	Quality 3/4" plus - lab sample
	30	Quality 3/4" minus - lab sample
	30	Fine Aggregate - lab sample
	10	3/4" Plus for the -200 Coarse Aggregate Test (5000 grams)
	6	3/4" Minus for the -200 Coarse Aggregate Test (2500 grams)
	5	Cement, Blended Cement, Fly Ash
	-	1/2-pint plastic container for admixtures.

NON-COLLUSION AFFIDAVIT

The following Non-Collusion Affidavit shall be executed by the bidder:

State Project No. _____

Federal Project No. _____

State of Minnesota _____)

) ss

County of _____)

I, _____, do state under penalty of
(name of person signing this affidavit)

perjury under 28 U.S.C. 1746 of the laws of the United States:

(1) that I am the authorized representative of _____

(name of person, partnership or corporation submitting this proposal)

and that I have the authority to make this affidavit for and on behalf of said bidder;

(2) that, in connection with this proposal, the said bidder has not either directly or indirectly entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding;

(3) that, to the best of my knowledge and belief, the contents of this proposal have not been communicated by the bidder or by any of his/her employees or agents to any person who is not an employee or agent of the bidder or of the surety on any bond furnished with the proposal and will not be communicated to any person who is not an employee or agent of the bidder or of said surety prior to the official opening of the proposal, and

(4) that I have fully informed myself regarding the accuracy of the statements made in this affidavit.

Signed: _____
(bidder or his authorized representative)

**ATTACHMENT A
PRIME CONTRACTOR RESPONSE**

RESPONSIBLE CONTRACTOR VERIFICATION AND CERTIFICATION OF COMPLIANCE

STATE PROJECT NUMBER: _____

This form includes changes by statutory references from the Laws of Minnesota 2015, chapter 64, sections 1-9. This form must be submitted with the response to this solicitation. A response received without this form, will be rejected.

Minn. Stat. § 16C.285, Subd. 7. **IMPLEMENTATION.** ... any prime contractor or subcontractor or motor carrier that does not meet the minimum criteria in subdivision 3 or fails to verify that it meets those criteria is not a responsible contractor and is not eligible to be awarded a construction contract for the project or to perform work on the project...

Minn. Stat. § 16C.285, Subd. 3. **RESPONSIBLE CONTRACTOR, MINIMUM CRITERIA.** "Responsible contractor" means a contractor that conforms to the responsibility requirements in the solicitation document for its portion of the work on the project and verifies that it meets the following minimum criteria:

- | | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (1) | <p>The Contractor:</p> <ul style="list-style-type: none">(i) is in compliance with workers' compensation and unemployment insurance requirements;(ii) is in compliance with Department of Revenue and Department of Employment and Economic Development registration requirements if it has employees;(iii) has a valid federal tax identification number or a valid Social Security number if an individual; and(iv) has filed a certificate of authority to transact business in Minnesota with the Secretary of State if a foreign corporation or cooperative. |
| (2) | <p>The contractor or related entity is in compliance with and, during the three-year period before submitting the verification, has not violated section 177.24, 177.25, 177.41 to 177.44, 181.03, 181.101, 181.13, 181.14, or 181.722, and has not violated United States Code, title 29, sections 201 to 219, or United States Code, title 40, sections 3141 to 3148. For purposes of this clause, a violation occurs when a contractor or related entity:</p> <ul style="list-style-type: none">(i) repeatedly fails to pay statutorily required wages or penalties on one or more separate projects for a total underpayment of \$25,000 or more within the three-year period, provided that a failure to pay is "repeated" only if it involves two or more separate and distinct occurrences of underpayment during the three-year period;(ii) has been issued an order to comply by the commissioner of Labor and Industry that has become final;(iii) has been issued at least two determination letters within the three-year period by the Department of Transportation finding an underpayment by the contractor or related entity to its own employees;(iv) has been found by the commissioner of Labor and Industry to have repeatedly or willfully violated any of the sections referenced in this clause pursuant to section 177.27;(v) has been issued a ruling or findings of underpayment by the administrator of the Wage and Hour Division of the United States Department of Labor that have become final or have been upheld by an administrative law judge or the Administrative Review Board; or(vi) has been found liable for underpayment of wages or penalties or misrepresenting a construction worker as an independent contractor in an action brought in a court having jurisdiction. Provided that, if the contractor or related entity contests a determination of underpayment by the Department of Transportation in a contested case proceeding, a violation does not occur until the contested case proceeding has concluded with a determination that the contractor or related entity underpaid wages or penalties;* |

(3)	The contractor or related entity is in compliance with and, during the three-year period before submitting the verification, has not violated section 181.723 or chapter 326B. For purposes of this clause, a violation occurs when a contractor or related entity has been issued a final administrative or licensing order;*
(4)	The contractor or related entity has not, more than twice during the three-year period before submitting the verification, had a certificate of compliance under section 363A.36 revoked or suspended based on the provisions of section 363A.36, with the revocation or suspension becoming final because it was upheld by the Office of Administrative Hearings or was not appealed to the office;*
(5)	The contractor or related entity has not received a final determination assessing a monetary sanction from the Department of Administration or Transportation for failure to meet targeted group business, disadvantaged business enterprise, or veteran-owned business goals, due to a lack of good faith effort, more than once during the three-year period before submitting the verification;*
	* Any violations, suspensions, revocations, or sanctions, as defined in clauses (2) to (5), occurring prior to July 1, 2014, shall not be considered in determining whether a contractor or related entity meets the minimum criteria.
(6)	The contractor or related entity is not currently suspended or debarred by the federal government or the state of Minnesota or any of its departments, commissions, agencies, or political subdivisions that have authority to debar a contractor; and
(7)	All subcontractors and motor carriers that the contractor intends to use to perform project work have verified to the contractor through a signed statement under oath by an owner or officer that they meet the minimum criteria listed in clauses (1) to (6).

Minn. Stat. § 16C.285, Subd. 5. **SUBCONTRACTOR VERIFICATION.**

A prime contractor or subcontractor shall include in its verification of compliance under subdivision 4 a list of all of its first-tier subcontractors that it intends to retain for work on the project. Prior to execution of a construction contract, and as a condition precedent to the execution of a construction contract, the apparent successful prime contractor shall submit to the contracting authority a supplemental verification under oath confirming compliance with subdivision 3, clause (7). Each contractor or subcontractor shall obtain from all subcontractors with which it will have a direct contractual relationship a signed statement under oath by an owner or officer verifying that they meet all of the minimum criteria in subdivision 3 prior to execution of a construction contract with each subcontractor.

If a prime contractor or any subcontractor retains additional subcontractors on the project after submitting its verification of compliance, the prime contractor or subcontractor shall obtain verifications of compliance from each additional subcontractor with which it has a direct contractual relationship and shall submit a supplemental verification confirming compliance with subdivision 3, clause (7), within 14 days of retaining the additional subcontractors.

A prime contractor shall submit to the contracting authority upon request copies of the signed verifications of compliance from all subcontractors of any tier pursuant to subdivision 3, clause (7). A prime contractor and subcontractors shall not be responsible for the false statements of any subcontractor with which they do not have a direct contractual relationship. A prime contractor and subcontractors shall be responsible for false statements by their first-tier subcontractors with which they have a direct contractual relationship only if they accept the verification of compliance with actual knowledge that it contains a false statement.

Subd. 5a. Motor carrier verification. A prime contractor or subcontractor shall obtain annually from all motor carriers with which it will have a direct contractual relationship a signed statement under oath by an owner or officer verifying that they meet all of the minimum criteria in subdivision 3 prior to execution of a construction contract with each motor carrier. A prime contractor or subcontractor shall require each such motor carrier to provide it with immediate written notification in the event that the motor carrier no longer meets one or more of the minimum criteria in subdivision 3 after submitting its annual verification. A motor carrier shall be ineligible to perform work on a project covered by this section if it does not meet all the minimum criteria in subdivision 3. Upon request, a prime contractor or subcontractor shall submit to the contracting authority the signed verifications of compliance from all motor carriers providing for-hire transportation of materials, equipment, or supplies for a project.

Minn. Stat. § 16C.285, Subd. 4. **VERIFICATION OF COMPLIANCE.**

A contractor responding to a solicitation document of a contracting authority shall submit to the contracting authority a signed statement under oath by an owner or officer verifying compliance with each of the minimum criteria in subdivision 3, with the exception of clause (7), at the time that it responds to the solicitation document.

A contracting authority may accept a signed statement under oath as sufficient to demonstrate that a contractor is a responsible contractor and shall not be held liable for awarding a contract in reasonable reliance on that statement. A prime contractor, subcontractor, or motor carrier that fails to verify compliance with any one of the required minimum criteria or makes a false statement under oath in a verification of compliance shall be ineligible to be awarded a construction contract on the project for which the verification was submitted.

A false statement under oath verifying compliance with any of the minimum criteria may result in termination of a construction contract that has already been awarded to a prime contractor or subcontractor or motor carrier that submits a false statement. A contracting authority shall not be liable for declining to award a contract or terminating a contract based on a reasonable determination that the contractor failed to verify compliance with the minimum criteria or falsely stated that it meets the minimum criteria. A verification of compliance need not be notarized. An electronic verification of compliance made and submitted as part of an electronic bid shall be an acceptable verification of compliance under this section provided that it contains an electronic signature as defined in section 325L.02, paragraph (h).

CERTIFICATION

By signing this document I certify that I am an owner or officer of the company, and I certify under oath that:

- 1) My company meets each of the Minimum Criteria to be a responsible contractor as defined herein and is in compliance with Minn. Stat. § 16C.285, and**
- 2) if my company is awarded a contract, I will submit Attachment A-1 prior to contract execution, and**
- 3) if my company is awarded a contract, I will also submit Attachment A-2 as required.**

Authorized Signature of Owner or Officer:

Printed Name:

Title:

Date:

Company Name:

NOTE: Minn. Stat. § 16C.285, Subd. 2, (c) If only one prime contractor responds to a solicitation document, a contracting authority may award a construction contract to the responding prime contractor even if the minimum criteria in subdivision 3 are not met.

ATTACHMENT A-1

FIRST-TIER SUBCONTRACTORS LIST

SUBMIT PRIOR TO EXECUTION OF A CONSTRUCTION CONTRACT

STATE PROJECT NUMBER: _____

Minn. Stat. § 16C.285, Subd. 5. A prime contractor or subcontractor shall include in its verification of compliance under subdivision 4 a list of all of its first-tier subcontractors that it intends to retain for work on the project. Prior to execution of a construction contract, and as a condition precedent to the execution of a construction contract, the apparent successful prime contractor shall submit to the contracting authority a supplemental verification under oath confirming compliance with subdivision 3, clause (7). Each contractor or subcontractor shall obtain from all subcontractors with which it will have a direct contractual relationship a signed statement under oath by an owner or officer verifying that they meet all of the minimum criteria in subdivision 3 prior to execution of a construction contract with each subcontractor.

FIRST TIER SUBCONTRACTOR NAMES* (Legal name of company as registered with the Secretary of State)	Name of city where company home office is located

*Attach additional sheets as needed for submission of all first-tier subcontractors.

SUPPLEMENTAL CERTIFICATION FOR ATTACHMENT A-1	
By signing this document I certify that I am an owner or officer of the company, and I certify under oath that: All first-tier subcontractors listed on attachment A-1 have verified through a signed statement under oath by an owner or officer that they meet the minimum criteria to be a responsible contractor as defined in Minn. Stat. § 16C.285.	
Authorized Signature of Owner or Officer:	Printed Name:
Title:	Date:
Company Name:	

ATTACHMENT A-2

ADDITIONAL SUBCONTRACTORS LIST

PRIME CONTRACTOR TO SUBMIT AS SUBCONTRACTORS ARE ADDED TO THE PROJECT

STATE PROJECT NUMBER: _____

This form must be submitted to the Project Manager or individual as identified in the solicitation document.

Minn. Stat. § 16C.285, Subd. 5. ... If a prime contractor or any subcontractor retains additional subcontractors on the project after submitting its verification of compliance, the prime contractor or subcontractor shall obtain verifications of compliance from each additional subcontractor with which it has a direct contractual relationship and shall submit a supplemental verification confirming compliance with subdivision 3, clause (7), within 14 days of retaining the additional subcontractors. ...

ADDITIONAL SUBCONTRACTOR NAMES* (Legal name of company as registered with the Secretary of State)	Name of city where company home office is located

*Attach additional sheets as needed for submission of all additional subcontractors.

SUPPLEMENTAL CERTIFICATION FOR ATTACHMENT A-2	
By signing this document I certify that I am an owner or officer of the company, and I certify under oath that: All additional subcontractors listed on Attachment A-2 have verified through a signed statement under oath by an owner or officer that they meet the minimum criteria to be a responsible contractor as defined in Minn. Stat. § 16C.285.	
Authorized Signature of Owner or Officer:	Printed Name:
Title:	Date:
Company Name:	

Letting Date: _____
State Project No.: _____
Bond No.: _____

COUNTY OF REDWOOD
DEPARTMENT OF HIGHWAYS

PROPOSAL BOND

KNOW ALL MEN BY THESE PRESENTS, that We, _____
_____, as Principal, and
_____, _____, as Surety, are
jointly and severally held and firmly bound unto the County of Redwood, Department of Highways, as Obligee,
in the sum of five percent (5%) of the total amount of the proposal price.

The CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal shall be awarded a
contract, upon the accompanying proposal dated _____ for the performance
of PROJECT _____

_____ and shall, within the time stated in the proposal, enter into a contract for the performance of the work
and give bond as required by law, then this obligation shall be void; otherwise, the Principal and
Surety shall pay unto the Obligee the amount of this bond, not as a penalty, but as liquidated
damages sustained by the Obligee as the result of such failure on the part of the Principal to execute
said contract and bond.

SIGNATURES

Date _____, 20 _____

(Name of Contractor/Principal)

By: _____
(Officer)

By: _____
(Officer)

(Name of Surety)

By: _____
(Attorney-in-Fact)

(Surety Corporate Seal)

ACKNOWLEDGEMENT IN A REPRESENTATIVE CAPACITY
(Corporation, LLC, Partnership or Other Entity)

STATE OF _____

COUNTY OF _____

This instrument was acknowledged before me on _____ by _____
(date) (name)

and _____ as _____ and _____
(name) (title) (title)

of _____.
(name and designation of party on behalf of whom the instrument was executed)

Notary Signature: _____

Title: Notary

Commission Expiration: _____

(Notary Stamp/Seal)

ACKNOWLEDGEMENT IN AN INDIVIDUAL CAPACITY

STATE OF _____

COUNTY OF _____

This instrument was acknowledged before me on _____ by _____
(date) (name)

and _____.
(name)

Notary Signature: _____

Title: Notary

Commission Expiration: _____

(Notary Stamp/Seal)

ACKNOWLEDGEMENT OF SURETY

STATE OF _____

COUNTY OF _____

This instrument was acknowledged before me on _____ by _____
(date) (name)

as Attorney-in-Fact of _____
(name of surety)

Notary Signature: _____

Title: Notary

Commission Expiration: _____

(Notary Stamp/Seal)

NOTICE TO PERSONAL SURETIES:

Bond will not be accepted unless accompanied by a sworn financial statement of each of the sureties.

NOTICE TO CORPORATE SURETIES:

This bond will not be accepted unless executed by a Minnesota agent, or a duly licensed non-resident-producer, or attorney-in-fact whose name and address must be noted below.

Full Name of Surety Company _____

Home Office Address (Street) _____

City, State and Zip Code _____

Name of Attorney-in-Fact _____

Name of Local Agent and Agency or
Non-Resident Producer and Agency _____

Address of Local Agency or
Non-Resident Producer Agency (street) _____

City, State and Zip Code _____

=====

Approved and filed _____, 20____

Commissioner of Transportation
Pursuant to Delegation of Authority

**REDWOOD COUNTY HIGHWAY DEPARTMENT
SCHEDULE OF BID PRICES
FOR PROJECT: BRIDGE DECK MILL & OVERLAYS**

BIDDER MUST SUBMIT UNIT PRICES THROUGH BIDVAULT;
SCHEDULE OF BID PRICES WILL BE POPULATED AND INCORPORATED TO SUBMITTED BID.
FOR COMPLETE INFORMATION CONCERNING THESE ITEMS, SEE PLAN AND SPECIFICATION, INCLUDING SPECIAL PROVISIONS.

SPEC. OR ITEM NO.	ITEM DESCRIPTION	UNIT/ MEASURE	APPROXIMATE QUANTITIES	UNIT PRICE	AMOUNT
2021.501	MOBILIZATION	LUMP SUM	1		
2123.51	MOTOR GRADER	HOURL	12		
2123.51	12 CU YD TRUCK	HOURL	12		
2123.51	PNEUMATIC TIRED ROLLER	HOURL	12		
2123.610	SKID LOADER	HOURL	12		
2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	2187		
2232.504	MILL BITUMINOUS SURFACE BRIDGE	SQ YD	3068		
2360.509	TYPE SP 9.5 WEARING COURSE MIX (2,C)	TON	979		
2563.601	TRAFFIC CONTROL	LUMP SUM	1		

BID AMOUNT FOR PROJECT BRIDGE DECK MILL & OVERLAYS _____

BIDDER NAME _____

State Project No. BRIDGE DECK MILL & OVERLAYS

GRAND TOTAL \$ _____

The undersigned hereby acknowledges that all requirements included in the proposal, addenda, amendments, plans, standard specifications, and supplemental specifications are a part of this bid and contract.

Signed: _____

PROPOSAL GUARANTY required by 1208 of the Specifications: "A (certified check) (bond), prepared as required by 1208 of the Specifications and payable to the Redwood County Treasurer, in an amount equal to at least 5% of the total amount of the bid is submitted herewith as a proposal guaranty.

NON-COLLUSION AFFIDAVIT: A Non-Collusion Affidavit is found in this proposal which must be signed by each bidder.

RECEIPT OF ADDENDA as required by 1210 of the Specifications:

The undersigned hereby acknowledges receipt of and has considered:

Addendum No. ____ Dated _____ Addendum No. ____ Dated _____

Addendum No. ____ Dated _____ Addendum No. ____ Dated _____

Signed: _____

EXECUTION OF PROPOSAL as required by 1206 of the Specifications:

This proposal dated the ____ day of _____, 2025

Signed: _____, P.O. Address _____ as an individual.

Signed: _____, P.O. Address _____ as an individual.

doing business under the name and style of

Signed: _____, for _____ a partnership.

NAME

BUSINESS ADDRESS

Signed: _____, for _____ a corporation,

incorporated under the laws of the State of Minnesota

Name of President _____

Business Address _____

Name of Vice-President _____

Business Address _____

Name of Secretary _____

Business Address _____

Name of Treasurer _____

Business Address _____

(NOTE: Signatures shall comply with 1206 of the Specifications.)