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To Houston County Board of Commissioners:

According to the advertisement of Houston 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 of Houston 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 Mn/DOT 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 Mn/DOT 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 Mn/DOT 1904.

(I)(We) further propose to execute the form of Contract within 10 days, after receiving written notice of award, as provided by Mn/DOT 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 Houston County.

(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 Houston County all claims for overcharges as to goods 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.

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
SUSPENSIONS/DEBARMENTS

April 13, 2016
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DEPARTMENT OF TRANSPORTATION

NOTICE OF DEBARMENT

NOTICE IS HEREBY GIVEN that MnDOT has ordered that the following vendors be debarred for a period of three (3) years, effective May 6, 2013 until May 6, 2016:

- Gary Francis Bauerly and his affiliates, Rice, MN
- Gary Bauerly, LLC and its affiliates, Rice, MN
- Watab Hauling Co. and its affiliates, Rice, MN

NOTICE IS HEREBY GIVEN that MnDOT has ordered that the following vendors be debarred for a period of three (3) years, effective September 17, 2014 until September 17, 2017:

- Jeffrey Plzak and his affiliates, Loretto, MN
- Laurie Plzak and her affiliates, Loretto, MN
- Honda Electric Incorporated and its affiliates, Loretto, MN
- Fibertech, Inc. and its affiliates, Loretto, MN
- Jeffrey and Laurie Plzak doing business as Honda Electric Logistics, and its affiliates, Loretto, MN

NOTICE IS HEREBY GIVEN that MnDOT has ordered that the following vendors be debarred for a period of three (3) years, effective January 12, 2015 until January 12, 2018:

- Marlin Dahl, Granada, MN
- Dahl Trucking, Elmore, MN
- Elmore Truck and Trailer, Inc., Elmore, MN

Minnesota Statute section 161.315 prohibits the Commissioner, counties, towns, or home rule or statutory cities from awarding or approving the award of a contract for goods or services to a person who is suspended or debarred, including:

- 1) any contract under which a debarred or suspended person will serve as a subcontractor or material supplier,
- 2) any business or affiliate which the debarred or suspended person exercises substantial influence or control, and
- 3) 3) any business or entity, which is sold or transferred by a debarred person to a relative or any other party over whose actions the debarred person exercises substantial influence or control, remains ineligible during the duration of the seller's or transfer's debarment.

**NOTICE TO BIDDERS
SUSPENSIONS/DEBARMENTS**

April 13, 2016
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DEPARTMENT OF ADMINISTRATION

As of the date of this notice and in accordance with Minnesota Rules 1230.1150, the Minnesota Department of Administration has debarred and disqualified the following persons and businesses from entering into or receiving a State of Minnesota contract:

NAME	DATE OF SUSPENSION
Devos, Ltd. d/b/a Guaranteed Returns Dean Volkes, Donna Fallon & Ronald Carlino 100 Colin Drive Holbrook, NY	December 5, 2014 through December 31, 2099
Wide Open Services, LLC Steve Mittelstaedt 6938 Highway 169 Virginia, MN 55792	March 30, 2016 through September 30, 2016
NAME	DATE OF DEBARMENT
Best Electric Thomas Clifton and Earl Standafer 9909 S. Shore Drive #155 Plymouth, MN 55441	May 22, 2015 through May 21, 2018 (eligible for reinstatement on May 21, 2019)
Best Used Trucks of Minnesota, Inc. Jason W. Leas 635 Marin Avenue Crookston, MN 56716	Nov. 20, 2012 through Nov. 20, 2015 (eligible for reinstatement on Nov. 20, 2016)
C & S Electric, Inc. Thomas Clifton and Earl Standafer 9909 S. Shore Drive #155 Plymouth, MN 55441	May 22, 2015 through May 21, 2018 (eligible for reinstatement on May 21, 2019)
Dahl Trucking Marlin Dahl 305 Highway 169 South Elmore, MN 56027	Aug.19, 2014 through January 12, 2018
Elmore Truck and Trailer Repair, Inc. Marlin Dahl 305 Highway 169 South Elmore, MN 56027	Aug.19, 2014 through Jan. 12, 2018 (eligible for reinstatement on Jan. 12, 2019)
Fibertech, Inc. Jeffrey and Laurie Plzak 5075 Nielsen Circle, P.O. Box 236 Loretto, MN 55357	July 24, 2014 through July 23, 2017 (eligible for reinstatement on July 23, 2018)
Groundscape Maintenance, Inc. Rob Sievers 1160 County Road 83 Maple Plain, MN 55359	February 19, 2015 through February 19, 2016 (eligible for reinstatement February 19, 2017)
Honda Electric, Inc. Jeffrey and Laurie Plzak 5075 Nielsen Circle, P.O. Box 236 Loretto, MN 55357	July 24, 2014 through July 23, 2017 (eligible for reinstatement on July 23, 2018)
Hunt's Carpet Service, Inc. ¹ Robert and Joni Hunt 4102 46th Avenue North Robbinsdale, MN 55422	Sept. 15, 2015 through Sept. 15, 2020

¹ Debarred by Hennepin County from working on any Hennepin County projects as a general contractor or subcontractor at any tier. Minn. Rules Part 1230.1150, subpart 2, item B, subitem (1) provides that any vendor debarred by the federal government, the state of Minnesota, or any of its departments, commissions, agencies, or political subdivisions, is automatically debarred by the (Department of Administration, Materials Management) division under the same terms and limits of the original debarment.

NOTICE TO BIDDERS
SUSPENSIONS/DEBARMENTS

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McCaa, Webster & Associates, Inc. Sammie McCaa 2751 Hennepin Avenue South, #301 Minneapolis, MN 55408-1002	May 1, 2014 through April 30, 2015 (eligible for reinstatement on April 30, 2016)
MG Carlson Construction Company, Inc. Martin Gerald Carlson 701 East First Street Fort Worth, TX 76102-3276	Sept. 5, 2014 through October 5, 2015 (eligible for reinstatement on April 5, 2016)
Ocuture, LLC 11930 Camby Park Drive Houston, TX 77047	Dec. 15, 2014 through Dec. 15, 2015 (eligible for reinstatement Dec. 15, 2016)
Ramco Heating and Air Conditioning Mark and Cheryl Ramquist 605 Ash Street Downing, WI 54734	March 11, 2015 through March 11, 2016 (eligible for reinstatement March 11, 2017)
Southwest Paving, Inc. Greg Brakefield 26412 State Highway 29 Deer Creek, MN 56527	March 30, 2016 through March 30, 2017 (eligible for reinstatement March 30, 2018)
St. Cloud Lawn & Landscaping, Inc. Pat Murphy 10602 County Road 2 Brainerd, MN 56401	February 20, 2015 through February 20, 2016 (eligible for reinstatement on Feb. 20, 2017)
TAC Construction Solutions, Inc. Christina Woods 31767 Deacons Way Pequot Lakes, MN 56472	August 19, 2014 through August 19, 2016 (eligible for reinstatement on August 19, 2017)
Watab Hauling Co. Gary Francis Bauerly 9695 Deerwood Rd. NE Rice, MN 56367	Jan. 14, 2013 through Jan. 14, 2016 (eligible for reinstatement on Jan. 14, 2017)

Minnesota Administrative Rule part 1230.1150, subpart 6 requires the Materials Management Division to maintain a master list of all suspensions and debarments. The master list must retain all information concerning suspensions and debarments as a public record for at least three (3) years following the end of a suspension or debarment. Refer to the following website for the master list:
<http://www.mmd.admin.state.mn.us/debarredreport.asp>.

If the project is financed in whole or in part with federal funds, refer to the following website for vendors debarred by federal government agencies: <http://sam.gov>.

This list does not include preclusion actions taken by cities, counties or local authorities. Consult local authorities to ensure that contractors, subcontractors and materials suppliers are not currently suspended or debarred.

STATE FUNDED CONSTRUCTION CONTRACTS

SPECIAL PROVISIONS DIVISION A - LABOR

June 3, 2013

I. PREAMBLE

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

This contract is subject to the Minnesota Prevailing Wage Act², Rules³, Wage Decisions, and Truck Rental Rate Schedules established by the Minnesota Department of Labor and Industry (MnDLI). All contractors and subcontractors must pay each laborer and mechanic the established total prevailing wage rate for the actual work performed under this contract. Failure to comply may result in civil or criminal penalties and may compel the Minnesota Department of Transportation (MnDOT) to take such actions as prescribed in section: **XVI (NON-COMPLIANCE AND ENFORCEMENT)**.

Upon MnDOT's request, the prime contractor must promptly furnish copies of payroll records for its workers and those of all subcontractors, along with other records, documents or agreements deemed appropriate by agency to determine compliance with these contract provisions.⁴

Questions related to the Special Provisions Division A can be directed to the MnDOT Labor Compliance Unit (LCU) by calling (651) 366-4209 or by visiting its website at: www.dot.state.mn.us/const/labor

II. DEFINITIONS

Terms utilized in the Special Provisions Division A are defined in MnDOT's Standard Specifications for Construction⁵, unless defined below.

- A. **Contractor**: The term "contractor" in these provisions shall include the prime contractor, subcontractor, agent, or other person doing or contracting to do all or part of the work under this contract.⁶
- B. **Employer**: An individual, partnership, association, corporation, business trust, or other business entity that hires a laborer, worker, or mechanic.⁷
- C. **First Tier Subcontractor**: An individual, firm, corporation, or other entity to which the prime contractor sublets part of the contract.
- D. **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.⁸
- E. **Laborer or Mechanic**: A worker in a construction industry labor class identified in or pursuant to Minnesota Rules 5200.1100, Master Job Classifications.⁹
- F. **Prime Contractor**: The individual, firm, corporation, or other entity contracting for and undertaking prosecution of the prescribed work; the party of the second part to the contract, acting directly or through a duly authorized representative.

¹ Minnesota Statute 177.41

² Minnesota Statute 177.41 to 177.44

³ Minnesota Rules 5200.1000 to 5200.1120

⁴ Minnesota Statute 177.44, Subdivision 7 and Minnesota Rules 5200.1106, Subpart 10

⁵ MN/DOT Standard Specifications for Construction, Section 1103

⁶ Minnesota Statute 177.44, Subdivision 1

⁷ Minnesota Statute 177.42, Subdivision 7

⁸ Minnesota Rules 5200.1106, Subpart 7(A)

⁹ Minnesota Rules 5200.1106, Subpart 5(A)

- G. **Second Tier Subcontractor**: An individual, firm, corporation, or other entity to which a first tier subcontractor sublets part of the contract.
- H. **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.¹⁰
- I. **Trucking 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.¹¹
- J. **Trucking Firm/Multiple Truck Owner (MTO)**: Any business entity that owns more than one vehicle and hires the vehicles out for services to brokers or contractors on public works projects.¹²

III. SCOPE – SPECIAL PROVISIONS DIVISION A & CONTRACT

- A. These provisions shall apply to the prime contractor, all subcontractors, or agents contracting to do all or part of the work under this contract.¹³
- B. The prime contractor is required to ensure that all lower tier subcontractors receive with their written subcontracts, agreements and/or purchase orders a copy of the contract labor provisions (Special Provision – Division A), the contract wage decision(s), and truck rental rate decision(s).
- C. An unpublished decision from the Minnesota Court of Appeals affirms the authority of the Minnesota Commissioner of Transportation to enforce the Minnesota Prevailing Wage Law on a case-by-case basis without prior notification.¹⁴

IV. PAYROLLS AND STATEMENTS

- A. The prime contractor must submit its payroll statements, along with those of its subcontractors to MnDOT.¹⁵ The payroll statements include a payroll report and a statement of compliance.¹⁶ The statements shall be submitted within fourteen (14) calendar days after the end of each contractor's pay period.¹⁷ All contractors shall pay its employees at least once every fourteen (14) calendar days.¹⁸
- B. Payroll Report: the report may be submitted in any manner and must include all the information contained in **Subpart A (1 - 11)** of this section. However, contractors needing a payroll form may utilize the **MnDOT Payroll Form**, which is made available on the MnDOT LCU website.¹⁹ Each payroll report must include all workers that performed work as a laborer or mechanic under this contract and provide at minimum the following information:
1. contractor's name, address, and telephone number;
 2. state project number;
 3. payroll report number;
 4. project location;
 5. workweek end date;
 6. each employee's name, home address, and full (or last four digits of) social security number;

¹⁰ Minnesota Rules 5200.1106, Subpart 5(C)

¹¹ Minnesota Rules 5200.1106, Subpart 7(C)

¹² Minnesota Rules 5200.1106, Subpart 7(B)

¹³ Minnesota Statute 177.44, Subdivision 1

¹⁴ See *International Union of Operating Eng'rs, Local 49 v. MnDOT*, No. C6-97-1582, 1998 WL 74281, at *2 (Minn. App. Feb. 24, 1998).

¹⁵ Minnesota Statute 177.44, Subdivision 7

¹⁶ Minnesota Rules 5200.1106, Subpart 10

¹⁷ Minnesota Statute 177.30, (a) (4)

¹⁸ Minnesota Statute 177.30 (a) (4)

¹⁹ www.dot.state.mn.us/const/labor/forms.html

7. labor classification(s) titles and optional three-digit code for each employee;
 8. hourly straight time and overtime wage rates paid to each employee;
 9. daily and weekly hours worked in each classification, including overtime hours for each employee;
 10. authorized legal deductions for each employee; and
 11. project gross amount, weekly gross amount, and net wages paid to each employee.²⁰
- D. Statement of Compliance: the payroll report must be accompanied with a completed and signed **MN/DOT, 21658 - Statement of Compliance Form**, identifying any fringe contributions made on behalf of each worker.²¹ The prime contractor is required to review the information submitted by each subcontractor and sign the Statement of Compliance Form.
- E. The prime contractor is responsible for assuring that its payroll reports, and those of each subcontractor, include all workers that performed work under this contract and accurately reflect the hours worked, regular and overtime rates of pay, and classifications of work performed.²²
- F. The prime contractor is responsible for maintaining all certified payroll records, including those of all subcontractors, throughout the course of a construction project and retaining all records for a period of three (3) years after the final contract voucher has been issued.²³ All contractors are responsible for maintaining their supporting employment records relating to this contract for a minimum period of three (3) years after the final contract payment has been made; other laws may have longer retention requirements.
- G. At the end of each pay period, each contractor shall provide every employee, in writing or by electronic means, an accurate, detailed earnings statement.²⁴
- H. If, after written notice, the prime contractor fails to submit its payroll reports and certification forms, or its subcontractors fail to submit same, MnDOT may implement the actions prescribed in section **XVI (NON-COMPLIANCE AND ENFORCEMENT)**.

V. WAGE RATES

- A. The prime contractor is responsible to ensure that its workers and those of all subcontractors are compensated according to the state prevailing wage determinations included and/or incorporated into this contract. All contractors shall pay each worker the required minimum total hourly wage rate for all hours worked on the project at the appropriate classification(s) of labor for the work performed by the worker.
1. State highway and heavy wage determinations are issued for ten separate regions throughout the state of Minnesota. If the contract work is located in more than one region, the applicable wage decision for each region shall be incorporated into this contract. If the contract contains multiple state highway and heavy wage determinations, there shall be only one standard of hours of labor and wage rate for each classification of labor.²⁵
 2. State commercial wage determinations are issued for each county throughout the state of Minnesota. If the contract work is located in more than one county, the applicable wage determination for each county shall be incorporated into this contract. If the contract contains multiple commercial wage determinations, each determination applies to the classification(s) of work performed in the county for which it was issued.

²⁰ Minnesota Rules 5200.1106, Subpart 10 and Minnesota Statute 177.30

²¹ Minnesota Rules 5200.1106, Subpart 10

²² Minnesota Statute 177.30(1)(2)(3)(4)

²³ Minnesota Statute 177.30 (a) (5)

²⁴ Minnesota Statute 181.032

²⁵ Minnesota Statute 177.44, Subdivision 4

- B. Wage rates listed in the state wage determination(s) contain two components: the hourly basic rate and the fringe rate. The hourly basic rate plus the fringe rate equal the total prevailing wage rate. A contractor shall compensate workers a combination of cash and fringe benefits equaling, at minimum, the total prevailing wage rate.²⁶
- C. The certified wage decision(s) incorporated into the contract remains in effect for the duration of this contract unless replaced by the Department through an addendum or supplemental agreement. No increase in the contract price shall be allowed or authorized due to wage rates that exceed those incorporated into this contract.
- D. From the time a worker is required to report for duty at the project site until the worker is allowed to leave the site, no deductions shall be made from the worker's hours for any delays of less than twenty consecutive minutes.²⁷
- E. In situations where a delay may exceed twenty (20) consecutive minutes and the contractor requires a worker to remain on the premises, or so close to the premises that the worker cannot use the time effectively for the worker's own purposes, the worker is considered "on-call"²⁸ and shall be compensated in accordance with **Subpart B** of this section, unless the worker is completely relieved of duty and free to leave the premises for a definite period of time²⁹.
- F. A contractor making payment to an employee, laborer, mechanic, or worker may not accept a rebate for the purpose of reducing or otherwise decreasing the value of the compensation paid.³⁰
- G. Deductions from the total prevailing wage rate, whether direct or indirect, shall not be allowed for the following:
 1. purchase or rental of uniforms or non-home maintenance of uniforms;
 2. consumable supplies, which means materials required to perform duties of employment and are used during the course of employment;
 3. travel expenses, which means receipted out-of-pocket expenses for transportation, meals and lodging, or an agreed upon allowance, whichever is greater; or
 4. other items as established in Minn. Rules 5200.0090.³¹

VI. BONA FIDE FRINGE BENEFITS

- A. A contractor that does not provide fringe benefits to its employees shall compensate each worker the total prevailing wage rate for the classification of work performed.
- B. A "funded" fringe benefit plan is one that allows the contractor to make irrevocable contributions on behalf of an employee to a financially responsible trustee, third person, fund, plan, or program without prior approval from the U.S. Department of Labor. Types of "funded" fringe benefits may include, but are not limited to: pension, health insurance, and life insurance.³²
- C. An "unfunded" fringe benefit plan or program is one that allows the contractor to furnish an in-house benefit on behalf of an employee. The cost to provide the benefit is funded from the contractor's general assets rather than contributions made to a trustee, third person, fund, plan, or program. Types of "unfunded" fringe benefits may include, but are not limited to: holiday, vacation, and sick plans.³³

²⁶ Minnesota Statute 177.42, Subdivision 6 and 177.44, Subdivision 1

²⁷ Minnesota Rules 5200.0120, Subpart 1

²⁸ Minnesota Rules 5200.0120, Subpart 2

²⁹ Minnesota Rules 5200.0120, Subpart 3

³⁰ Minnesota Rules 5200.1106, Subpart 6

³¹ Minnesota Rules 5200.0090

³² 29 CFR Parts 5.26 and 5.27

³³ 29 CFR Part 5.28

- D. Allowable credit toward the total prevailing wage rate shall be determined for each individual employee based on all hours worked (government and non-government) for bona fide fringe benefits that:³⁴
1. are contributions irrevocably made by a contractor on behalf of an employee to a financially responsible trustee, third person, fund, plan, or program;
 2. are legally enforceable;
 3. have been communicated in writing to the employee; and
 4. are made available to the employee once all eligibility requirements are met.
- E. No credit shall be allowed for benefits required by federal, state or local law, such as but not limited to: worker's compensation, unemployment compensation, and social security contributions.³⁵
- F. A contractor that is obligated to deposit fringe benefit contributions on behalf of its employees into a financially responsible trustee, third person, fund, plan, or program and fails to make timely contributions is guilty of a gross misdemeanor³⁶ or other violations under federal law. A contractor found in violation shall compel MnDOT to take such actions as prescribed in section **XVI (NON-COMPLIANCE AND ENFORCEMENT)**.

VII. OVERTIME

- A. A contractor shall 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 one and a half (1 ½) times the hourly basic rate of pay.³⁷ The prevailing hours of labor is defined as not more than 8 hours per day or more than 40 hours per week.³⁸
- B. To calculate the worker's minimum overtime hourly rate: (1) multiply the contract classification's hourly basic rate by 1.5, then (2) add the contract fringe rate, and finally (3) subtract the worker's bona fide hourly fringe benefit costs incurred by the Contractor.
- C. Contractors subject to the Federal Fair Labor Standards Act may be subject to additional overtime compensation requirements.

VIII. LABOR CLASSIFICATIONS

- A. All contractors must refer to the state wage determinations incorporated into the contract to obtain an applicable job classification.
- B. All contractors must refer to the Minnesota Rules to determine an appropriate classification of labor based on the tasks performed by a worker on the project.³⁹ If a contractor cannot determine an appropriate job classification, state law requires that the employer assign the worker to a job classification that is the "same or most similar".⁴⁰
- C. Contractors needing assistance in determining a classification of labor must contact the MnDOT LCU for instructions. Determinations and/or disputes concerning the assignment of labor classifications or wage rates fall under MnDLI's statutory authority.

IX. INDEPENDENT CONTRACTORS, OWNERS, SUPERVISORS, AND FOREMAN

- A. An independent contractor performing work as a laborer or mechanic is subject to the contract prevailing wage requirements⁴¹ for the classification of work performed and shall adhere to the

³⁴ Minnesota Statute 177.42, Subdivision 6

³⁵ Minnesota Statute 177.42, Subdivision 6

³⁶ Minnesota Statute 181.74, Subdivision 1

³⁷ Minnesota Statute 177.44, Subdivision 1

³⁸ Minnesota Statute 177.42, Subdivision 4

³⁹ Minnesota Rules 5200.1101 and 5200.1102

⁴⁰ Minnesota Statute 177.44, Subdivision 1

⁴¹ 29 CFR Part 5.2(o) and Minnesota Statute 177.41

requirements established in sections **IV (PAYROLLS AND STATEMENTS); V (WAGE RATES); VI (FRINGE BENEFITS); VII (OVERTIME) and VIII (LABOR CLASSIFICATIONS)**.

- B. Pursuant to state regulations, owners, supervisors, and foreman performing the work of a laborer or mechanic⁴² under the contract⁴³ are considered workers and shall be compensated in accordance with section **V (WAGE RATES)**. Furthermore, the prime contractor and any subcontractor shall adhere to the requirements established in sections **IV (PAYROLLS AND STATEMENTS); VI (FRINGE BENEFITS); VII (OVERTIME); and VIII (LABOR CLASSIFICATIONS)**.

X. APPRENTICES, TRAINEES AND HELPERS

- A. An apprentice is not subject to the state wage decision(s) incorporated into the contract, provided the contractor can demonstrate compliance with the following:⁴⁴
1. The apprentice is performing the work of his/her trade.
 2. The apprentice is registered with the U.S. DOL Bureau of Apprenticeship and Training or MnDLI Division of Voluntary Apprenticeship.
 3. The apprentice is compensated according to the rate specified in the program for the level of progress.
 4. The employer's ratio of apprentices to journeyman workers on the project is not greater than the ratio permitted for the employer's entire work force under the registered program.⁴⁵
- B. If a contractor fails to demonstrate compliance with the terms established in **Subpart A (1 – 4)** of this section, the contractor shall compensate the worker not less than the applicable total prevailing wage rate for the actual classification of labor performed.⁴⁶
- C. A trainee or helper is not exempt under state law; the contractor shall assign the trainee or helper a job classification that is the "same or most similar"⁴⁷ and compensate the trainee or helper for the actual work performed regardless of the trainee's or helper's skill level.

XI. SUBCONTRACTING PART OF THIS CONTRACT

- A. The prime contractor shall execute a written subcontract with each first tier subcontractor performing work under this contract that includes the Special Provisions Division A - LABOR, contract wage determinations, and truck rental rate decisions. First tier subcontractors acquiring the services of a second tier subcontractor are subject to the same requirements.

XII. POSTER BOARDS

- A. The prime contractor must construct and display a poster board, which contains all required posters, is complete, accurate, legible, and accessible to all project workers from the first day of work until the project is one hundred percent (100%) complete.⁴⁸ Placement of a poster board at an off-site location does not satisfy this requirement.
- B. The prime contractor can obtain the required posters by visiting the MnDOT LCU website. The prime contractor will need to furnish its name, mailing address, the type of posters (i.e., state-aid), and the quantity needed.
- C. Refer to the poster board section of the MnDOT LCU website to obtain applicable contact information for each poster.

⁴² Minnesota Rules 5200.1106, Subpart 5A

⁴³ Minnesota Statute 177.44, Subdivision 1

⁴⁴ Minnesota Rules 5200.1070

⁴⁵ MnDLI Division of Apprenticeship – April 6, 1995 Memorandum from Jerry Briggs, Director

⁴⁶ Minnesota Rules 5200.1070, Subpart 3

⁴⁷ Minnesota Statute 177.44, Subdivision 1

⁴⁸ Minnesota Statute 177.44, Subdivision 5

XIII. EMPLOYEE INTERVIEWS

- A. At any time, the prime contractor shall permit representatives from MnDLI or MnDOT to interview its workers, and those of any subcontractor, during working hours on the project.⁴⁹

XIV. TRUCKING / OFF-SITE FACILITIES

- A. The prime contractor shall assume responsibility for ensuring its workers, and those of all subcontractors, are compensated in accordance with the state wage determination(s) incorporated into this contract for the following work:
1. processing or manufacturing of material, including the hauling of material to and from a prime contractor's material operation that is not a separately held commercial establishment;⁵⁰
 2. processing or manufacturing of material, including the hauling of material to and from an off-site material operation that is not considered a commercial establishment;⁵¹
 3. 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;⁵²
 4. delivery of materials from a non-commercial establishment to the project and the return haul;⁵³
 5. 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;⁵⁴
 6. hauling required to remove 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;⁵⁵ and
 7. delivery of mineral aggregate materials from a commercial establishment, which is deposited "substantially in place", and the return haul either empty or loaded.⁵⁶
- B. The work duties prescribed in **Subpart A (1 - 7)** of this section do not represent all possible hauling activities and/or other work duties that may be performed under this contract. It is the responsibility of the prime contractor and all subcontractors to be informed about all-applicable job duties that may be subject to the contract labor provisions.
- C. A contractor acquiring trucking services from an ITO, MTO, and/or Truck Broker to perform and/or provide "covered" hauling activities shall comply with the payment of the certified state truck rental rates.⁵⁷
- D. Truck hires must be paid the truck rental rate for time spent repairing or maintaining equipment; and for waiting to load or unload (so long as the wait, repair or maintenance, is attributable to the fault of the broker, contractor, or agent and/or employees thereof).⁵⁸
- E. Prime contractors and subcontractors shall submit, for each month where hauling activities were performed under this contract, a **MnDOT, TP-90550 - Month-End Trucking Report** and **MN/DOT, TP-90551 - Month-end Trucking Statement of Compliance Form**, along with each ITOs, MTOs and/or Truck Brokers reports to MnDOT.⁵⁹ The specifications regarding the dates for submission can be found near the bottom of the **MN/DOT, TP-90551 - Statement of Compliance Form**.

⁴⁹ MN/DOT Standard Specifications for Construction, Section 1511

⁵⁰ ALJ Findings of Fact, Conclusions of Law, and Recommendation, Conclusions (7), Case #12-3000-11993-2

⁵¹ Minnesota Rules 5200.1106, Subpart 3B(2)

⁵² Minnesota Rules 5200.1106, Subpart 3B(1)

⁵³ Minnesota Rules 5200.1106, Subpart 3B(2)

⁵⁴ Minnesota Rules 5200.1106, Subpart 3B(3)

⁵⁵ Minnesota Rules 5200.1106, Subpart 3B(4)

⁵⁶ Minnesota Rules 5200.1106, Subpart 3B(5)(6)

⁵⁷ Minnesota Rules 5200.1106, Subpart 1

⁵⁸ Minnesota Rules 5200.1106, Subpart 8(A)(1)

⁵⁹ Minnesota Rules 5200.1106, Subpart 10

- F. A truck broker contracting to provide trucking services directly to a prime contractor or subcontractor is allowed to assess a, broker fee.⁶⁰ No other lower tier broker fees against the truck rental rate will be permitted. In addition, the prime contractor and any subcontractor contracting to receive trucking services must, at a minimum, pay the full contract truck rental rate.
- G. A contractor may not accept a rebate for the purpose of reducing or otherwise decreasing the value of the compensation paid to a hired Independent Truck Owner/Operator (ITO) or Multiple Truck Owner (MTO).⁶¹
- H. A contractor with employee truck drivers shall adhere to the requirements established in sections **IV (PAYROLLS AND STATEMENTS); V (WAGE RATES); VI (FRINGE BENEFITS); VII (OVERTIME); and VIII (LABOR CLASSIFICATIONS).**
- I. If, after written notice, the prime contractor fails to submit its month-end trucking reports and certification forms and those of any subcontractor, MTO and/or Truck Broker, MnDOT may take such actions as prescribed in section **XVI (NON-COMPLIANCE AND ENFORCEMENT).**

XV. CHILD LABOR

- A. Except as permitted under **Subpart B** of this section, no worker under the age of 18 is allowed to perform work on construction projects.⁶²
- B. In accordance with state law, a worker under the age of 18, employed in a corporation totally owned by one or both parents that is supervised by the parent(s), may perform work on construction projects.⁶³ However, if this contractor is subject to the federal Fair Labor Standards Act, a worker under the age of 18 is not allowed to perform work in a hazardous occupation.⁶⁴
- C. The project engineer may remove a worker that appears to be under the age of 18 from the construction project until the contractor or worker can demonstrate proof of age⁶⁵ and compliance with all applicable federal and state regulations.⁶⁶

XVI. NON-COMPLIANCE AND ENFORCEMENT

- A. The prime contractor shall be liable for any unpaid wages to its workers or those of any subcontractor, agent, ITO, MTO, and/or Truck Broker.⁶⁷
- B. If it is determined that a contractor has violated the state prevailing wage law, or any portion of this contract, MnDOT may, after written notice, implement one or more of the following:
1. withhold or cause to be withheld from the prime contractor such amounts in considerations of charges or assessments against the prime contractor, whether arising from this contract or other contract with MnDOT;⁶⁸
 2. reject a bid from a prime contractor that has demonstrated continued or persistent noncompliance with the prevailing wage law on previous or current contracts with MnDOT;
 3. take the prosecution of the work out of the hands of the prime contractor, place the contractor in default and terminate the contractor for failure to demonstrate compliance with these provisions;⁶⁹
 4. refer the matter to the Minnesota Department of Administration for suspension or debarment proceedings;⁷⁰ and/or

⁶⁰ Minnesota Rules 5200.1106, Subpart 7(C)

⁶¹ Minnesota Rules 5200.1106, Subpart 6

⁶² Minnesota Rules 5200.0910, Subpart F

⁶³ Minnesota Rules 5200.0930, Subpart 4

⁶⁴ 29 CFR Part 570.2(a)(ii)

⁶⁵ Minnesota Statute 181A.06, Subdivision 4

⁶⁶ MN/DOT Standard Specifications for Construction, Section 1701

⁶⁷ MN/DOT Standard Specifications for Construction, Section 1801

⁶⁸ MN/DOT Standard Specifications for Construction, Section 1906

⁶⁹ MN/DOT Standard Specifications for Construction, Section 1808

5. consider referring violations to the appropriate local County Attorney for prosecution.⁷¹
- C. 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.⁷²
- D. A contractor may be fined up to \$1,000 for each failure to maintain records.⁷³
- E. All required documents and certification reports are legal documents; willful falsification of the documents may result in civil action and/or criminal prosecution⁷⁴ and may be grounds for debarment proceedings.⁷⁵
- F. For contracts subject to Minnesota Statutes section 177.43, the Commissioner of MnDLI may issue compliance orders for willful violation of the section. If the employer is found to have committed a violation, liquidated damages and other costs may be assessed against the employer.
- F. An employee may pursue a civil action in district court against its employer for failure to comply with the proper payment of wages.⁷⁶ If the employer is found to have committed a violation, liquidated damages and other costs may be assessed against the employer.⁷⁷

⁷⁰ Minnesota Rules 1230.1150, Subpart 2(A)(4)

⁷¹ Minnesota Statute 177.44, Subdivision 7

⁷² Minnesota Statute 177.44, Subdivision 6

⁷³ Minnesota Statute 177.30(b)

⁷⁴ Minnesota Statutes 16B, 161.315 - Subdivision 2, 177.32 - Subdivision 1(4), 177.43 - Subdivision 5, 177.44 - Subdivision 6, 609.63

⁷⁵ Minnesota Statute 161.315 and Minnesota Statute 609.63

⁷⁶ Minnesota Statute 177.27, Subdivision 8

⁷⁷ Minnesota Statute 177.27, Subdivision 10

NOTICE TO BIDDERS

Minnesota Statutes that require prompt payment to subcontractors:

471.425 Prompt payment of local government bills.

Subd. 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.

HIST: 1985 c 136 s 5; 1995 c 31 s 1

**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: 06

Counties within region:

- DODGE-20
- FILLMORE-23
- FREEBORN-24
- GOODHUE-25
- HOUSTON-28
- MOWER-50
- OLMSTED-55
- RICE-66
- STEELE-74
- WABASHA-79
- WINONA-85

Effective: 2015-10-12 Revised: 2015-12-29

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.

Violations should be reported to:

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

Refer questions concerning the prevailing wage rates to:

Department of Labor and Industry
Prevailing Wage Section
443 Lafayette Road N
St Paul, MN 55155
(651) 284-5091

LABOR CODE AND CLASS	EFFECT DATE	BASIC RATE	FRINGE RATE	TOTAL RATE
LABORERS (101 - 112) (SPECIAL CRAFTS 701 - 730)				
101 LABORER, COMMON (GENERAL LABOR WORK)	2015-10-12	24.99	16.02	41.01
	2016-05-01	25.98	16.47	42.45
102 LABORER, SKILLED (ASSISTING SKILLED CRAFT JOURNEYMAN)	2015-10-12	24.99	16.02	41.01
	2016-05-01	25.98	16.47	42.45
103 LABORER, LANDSCAPING (GARDENER, SOD LAYER AND NURSERY OPERATOR)	2015-10-12	17.00	0.00	17.00
104 FLAG PERSON	2015-10-12	24.99	16.02	41.01
	2016-05-01	25.98	16.47	42.45
105 WATCH PERSON	2015-10-12	22.09	15.82	37.91
	2016-05-01	23.08	16.27	39.35
106 BLASTER	2015-10-12	26.57	14.78	41.35
107 PIPELAYER (WATER, SEWER AND GAS)	2015-10-12	27.49	16.02	43.51
	2016-05-01	28.48	16.47	44.95
108 TUNNEL MINER	FOR RATE CALL 651-284-5091 OR EMAIL <u>DLI.PRE VWAGE@STATE.MN.US</u>			
109 UNDERGROUND AND OPEN DITCH LABORER (EIGHT FEET BELOW STARTING GRADE LEVEL)	2015-10-12	25.69	16.02	41.71
	2016-05-01	26.68	16.47	43.15
110 SURVEY FIELD TECHNICIAN (OPERATE TOTAL STATION, GPS RECEIVER, LEVEL, ROD OR RANGE)	2015-10-12	29.35	17.05	46.40

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.

111 TRAFFIC CONTROL PERSON (TEMPORARY SIGNAGE)	2015-10-12	24.99	16.02	41.01
	2016-05-01	25.98	16.47	42.45
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.	2015-10-12	19.70	0.13	19.83

SPECIAL EQUIPMENT (201 - 204)

201 ARTICULATED HAULER	2015-10-12	30.37	17.90	48.27
	2016-05-01	30.98	18.90	49.88
202 BOOM TRUCK	2015-10-12	30.37	17.90	48.27
	2016-05-01	30.98	18.90	49.88
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	2015-10-12	25.00	0.00	25.00
204 OFF-ROAD TRUCK	2015-10-12	28.61	16.60	45.21
205	2015-10-12	35.00	1.48	36.48

PAVEMENT MARKING OR MARKING REMOVAL
EQUIPMENT (ONE OR TWO PERSON OPERATORS);
SELF-PROPELLED TRUCK OR TRAILER MOUNTED
UNITS.

HIGHWAY/HEAVY POWER EQUIPMENT OPERATOR

GROUP 2	2015-10-12	31.12	17.90	49.02
	2016-05-01	31.73	18.90	50.63
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	2015-10-12	30.67	17.90	48.57
	2016-05-01	31.28	18.90	50.18
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		2015-10-12	30.37	17.90	48.27
		2016-05-01	30.98	18.90	49.88
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)				
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	2015-10-12	27.80	17.90	45.70
	2016-05-01	28.41	18.90	47.31

- 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
- 384 STUMP CHIPPER AND TREE CHIPPER
- 385 TREE FARMER (MACHINE)

GROUP 6	2015-10-12	26.93	17.90	44.83
	2016-05-01	27.54	18.90	46.44

- 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	2015-10-12	25.05	14.40	39.45
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- 601 MECHANIC . WELDER
- 602 TRACTOR TRAILER DRIVER
- 603 TRUCK DRIVER (HAULING MACHINERY INCLUDING OPERATION OF HAND AND POWER OPERATED WINCHES)

GROUP 2	2015-10-12	26.35	15.20	41.55
	2016-05-01	27.80	15.20	43.00

- 604 FOUR OR MORE AXLE UNIT, STRAIGHT BODY TRUCK

GROUP 3	2015-10-12	26.25	15.20	41.45
	2016-05-01	27.70	15.20	42.90
605 BITUMINOUS DISTRIBUTOR DRIVER				
606 BITUMINOUS DISTRIBUTOR (ONE PERSON OPERATION)				
607 THREE AXLE UNITS				
GROUP 4	2015-10-12	26.05	15.20	41.25
	2016-05-01	27.50	15.20	42.70
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	2015-10-12	42.31	20.74	63.05
	2016-06-01	44.26	20.74	65.00
702 BOILERMAKERS	2015-10-12	34.15	26.37	60.52
	2016-01-01	35.55	26.52	62.07
703 BRICKLAYERS	2015-10-12	35.70	18.13	53.83
704 CARPENTERS	2015-10-12	30.26	17.06	47.32
	2016-05-01	31.68	17.06	48.74
705 CARPET LAYERS (LINOLEUM)	2015-10-12	32.55	12.95	45.50
706 CEMENT MASONS	2015-10-12	38.56	7.88	46.44

707 ELECTRICIANS	2015-10-12	34.61	17.56	52.17
	2016-07-01	36.51	17.56	54.07
711 GROUND PERSON	2015-10-12	17.61	9.06	26.67
712 IRONWORKERS	2015-10-12	35.50	23.45	58.95
713 LINEMAN	2015-10-12	40.95	17.06	58.01
	2016-04-30	42.18	17.82	60.00
714 MILLWRIGHT	2015-10-12	33.93	20.23	54.16
715 PAINTERS (INCLUDING HAND BRUSHED, HAND SPRAYED, AND THE TAPING OF PAVEMENT MARKINGS)	2015-10-12	27.26	15.46	42.72
	2016-05-01	28.36	15.46	43.82
716 PILEDRIIVER (INCLUDING VIBRATORY DRIVER OR EXTRACTOR FOR PILING AND SHEETING OPERATIONS)	2015-10-12	30.26	17.06	47.32
	2016-05-01	31.68	17.06	48.74
717 PIPEFITTERS . STEAMFITTERS	2015-10-12	38.11	17.38	55.49
719 PLUMBERS	2015-10-12	38.71	16.80	55.51
721 SHEET METAL WORKERS	2015-10-12	28.91	22.34	51.25
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	2015-10-12	36.00	14.43	50.43
	2016-07-01	36.90	14.43	51.33
728 WIRING SYSTEMS INSTALLER	2015-10-12	25.21	12.02	37.23
	2016-07-01	25.84	12.02	37.86
729 ASBESTOS ABATEMENT WORKER	2015-10-12	29.13	15.96	45.09
	2016-01-01	30.13	16.41	46.54
730 SIGN ERECTOR	FOR RATE CALL 651-284-5091 OR EMAIL DLI.PREVVAGE@STATE.MN.US			

NOTICE OF CERTIFICATION OF TRUCK RENTAL RATES AND EFFECTIVE DATE PURSUANT TO MINNESOTA RULES, PART 5200.1105

From April 6, 2015, to June 5, 2015, the Department of Labor and Industry (DLI) conducted a truck operational cost survey. On January 25, 2016, the Commissioner of DLI certified the minimum truck rental rates for highway projects in the state's ten highway and heavy construction areas for trucks and drivers operating "four or more axle units, straight body trucks," "three axle units," "tractor only" and "tractor trailers." The certification followed publication of the Notice of Determination of Truck Rental Rates in the *State Register* on November 16, 2015, and the informal conference held pursuant to Minnesota Rules, part 5200.1105 on December 3, 2015.

According to Minnesota Rules, part 5200.1105, the purpose of the informal conference is for DLI to obtain further input regarding the proposed rates before the rates are certified. Approximately 8 individuals attended the informal conference. None of the attendees at the informal conference commented on the Determination of the Construction Truck Rental Rates or contacted the department with comments regarding the rates prior to the date of this Certification.

Truck rental rates are determined by adding the certified prevailing wage driver rate in each region to the statewide operating cost survey data. The minimum hourly truck rental rate for the four types of trucks in each area is certified to be as follows:

3 Axle Units				
	Effective Date	Certified 607 Driver Rate	Surveyed Operating Cost	Determined Truck Rental Rate
Region 1	Certification date	\$40.60	\$37.35	\$77.95
Region 2	Certification date	\$34.26	\$37.35	\$71.61
Region 3	Certification date	\$36.91	\$37.35	\$74.26
	May 1, 2016	\$38.36	\$37.35	\$75.71
Region 4	Certification date	\$40.63	\$37.35	\$77.98
Region 5	Certification date	\$43.65	\$37.35	\$81.00
	May 1, 2016	\$44.85	\$37.35	\$82.20
Region 6	Certification date	\$41.45	\$37.35	\$78.80
	May 1, 2016	\$42.90	\$37.35	\$80.25
Region 7	Certification date	\$36.91	\$37.35	\$74.26
	May 1, 2016	\$38.36	\$37.35	\$75.71
Region 8	Certification date	\$13.77	\$37.35	\$51.12
Region 9	Certification date	\$43.65	\$37.35	\$81.00

	May 1, 2016	\$45.10	\$37.35	\$82.45
Region 10	Certification date	\$13.77	\$37.35	\$51.12
4 or More Axle Units				
	Effective Date	Certified 604 Driver Rate	Surveyed Operating Cost	Determined Truck Rental Rate
Region 1	Certification date	\$40.70	\$50.82	\$91.52
Region 2	Certification date	\$37.06	\$50.82	\$87.88
	May 1, 2016	\$38.51	\$50.82	\$89.33
Region 3	Certification date	\$37.06	\$50.82	\$87.88
	May 1, 2016	\$38.51	\$50.82	\$89.33
Region 4	Certification date	\$23.88	\$50.82	\$74.70
Region 5	Certification date	\$28.17	\$50.82	\$78.99
Region 6	Certification date	\$41.55	\$50.82	\$92.37
	May 1, 2016	\$43.00	\$50.82	\$93.82
Region 7	Certification date	\$37.40	\$50.82	\$88.22
Region 8	Certification date	\$16.32	\$50.82	\$67.14
Region 9	Certification date	\$43.75	\$50.82	\$94.57
	May 1, 2016	\$45.20	\$50.82	\$96.02
Region 10	Certification date	\$16.02	\$50.82	\$66.84

Tractor						
	Effective Date	Certified 602 Driver Rate	Surveyed Operating Cost	Determined Tractor Only Truck Rental Rate	Plus Trailer Operating Cost	Determined Tractor Trailer Rental Rate
Region 1	Certification date	\$43.90	\$49.17	\$93.07	\$11.46	\$104.53
	May 1, 2016	\$45.35	\$49.17	\$94.52	\$11.46	\$105.98
Region 2	Certification date	\$37.57	\$49.17	\$86.74	\$11.46	\$98.20
	May 1, 2016	\$39.02	\$49.17	\$88.19	\$11.46	\$99.65
Region 3	Certification date	\$27.10	\$49.17	\$76.27	\$11.46	\$87.73
Region 4	Certification date	\$24.45	\$49.17	\$73.62	\$11.46	\$85.08
Region 5	Certification date	\$26.27	\$49.17	\$75.44	\$11.46	\$86.90
Region 6	Certification date	\$39.45	\$49.17	\$88.62	\$11.46	\$100.08

Region 7	Certification date	\$27.55	\$49.17	\$76.72	\$11.46	\$88.18
Region 8	Certification date	\$37.57	\$49.17	\$86.74	\$11.46	\$98.20
	May 1, 2016	\$39.02	\$49.17	\$88.19	\$11.46	\$99.65
Region 9	Certification date	\$44.30	\$49.17	\$93.47	\$11.46	\$104.93
	May 1, 2016	\$45.75	\$49.17	\$94.92	\$11.46	\$106.38
Region 10	Certification date	\$24.50	\$49.17	\$73.67	\$11.46	\$85.13

The minimum truck rental rate for these four types of trucks in the state's ten 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*.

Ken B. Peterson,

COMMISSIONER

Contractor Affidavit

This Contractor Affidavit must be certified by the Minnesota Department of Revenue before the state of Minnesota or any of its subdivisions can make final payment to contractors. For more detailed information, see the instructions on the back of this form.

Please type or print clearly. This information will be used for returning the completed form.

Company name		Daytime phone	Minnesota tax ID number
Address		Total contract amount	Month/year work began
City	State	ZIP code	
		\$	Month/year work ended
		\$	

Project Information

Project number	Project location			
Project owner	Address	City	State	ZIP code

Did you have employees work on this project? Yes No. If no, who did the work?

Contractor Type

Check the box that describes your involvement in the project and fill in all information requested.

Sole contractor

Subcontractor
 Name of contractor who hired you _____
 Address _____

Prime contractor—If you subcontracted out any work on this project, all of your subcontractors must submit their own Contractor Affidavits and have them certified by the Department of Revenue *before* you can submit your Contractor Affidavit. For each subcontractor you had, fill in the information below and attach a copy of each subcontractor's certified Contractor Affidavit. If you need more space, attach a separate sheet.

Business name	Address	Owner/Officer

Sign Here

I declare that all information I have filled in on this form is true and complete to the best of my knowledge and belief. I authorize the Department of Revenue to disclose pertinent information relating to this project, including sending copies of this form, to the prime contractor if I am a subcontractor, and to any subcontractors if I am a prime contractor, and to the contracting agency.

Contractor's signature	Title	Date
------------------------	-------	------

Mail to: Minnesota Revenue, Mail Station 6610, St. Paul, MN 55146-6610
 Phone: 651-282-9999 or 1-800-657-3594 (TTY: Call 711 for Minnesota Relay).

Certificate of Compliance

Based on records of the Minnesota Department of Revenue, I certify that the contractor who has signed this Contractor Affidavit has fulfilled all the requirements of Minnesota Statutes 290.92 and 270C.66 concerning the withholding of Minnesota income tax from wages paid to employees relating to contract services with the state of Minnesota and/or its subdivisions.

Department of Revenue approval

Date

Form IC134 Instructions

Contractor Affidavit

No state agency or local unit of government can make final payment to a contractor until the Department of Revenue has certified that the contractor and any subcontractor have fulfilled the requirements of Minnesota withholding tax laws.

If you are a prime contractor, a contractor or a subcontractor who did work on a project for the state of Minnesota or any of its local government subdivisions — such as a county, city or school district — you must submit a Contractor Affidavit to the Department of Revenue to receive a certificate of compliance.

Use of Information

The Department of Revenue needs **all** the requested information to determine if you have met the state income tax withholding requirements. If all required information is not provided, Form IC134 will be returned to you for completion.

All information on this Contractor Affidavit is private by state law. It cannot be given to others without your permission, except to the Internal Revenue Service, other states that guarantee the same privacy and certain government agencies as provided by law.

Minnesota Tax ID Number

You must have a Minnesota tax ID number if you have employees who work in Minnesota. You must enter your Minnesota tax ID number on Form IC134.

If you don't have a Minnesota tax ID number, apply online at www.revenue.state.mn.us or by calling our Business Registration Office at 651-282-5225 or 1-800-657-3605.

If you have no employees and did all the work yourself, you do not need a Minnesota tax ID number. Instead, enter your Social Security number in the space for Minnesota tax ID number and explain who did the work.

Submit Contractor Affidavit

Form IC134 cannot be processed by the Department of Revenue until you finish the work. If you submit the form before the project is completed, it will be returned to you unprocessed.

If any withholding payments are due to the state, Minnesota law requires certified payments before we approve your Form IC134.

If you are a subcontractor or sole contractor, submit the form when you have completed your part of the project.

If you are a prime contractor, submit the form when the entire project is completed and you have received certified Contractor Affidavits from all of your subcontractors.

If you're a prime contractor and a subcontractor on the same project

If you were hired as a subcontractor to do work on a project, and you subcontracted all or a part of your portion of the project to another contractor, you are a prime contractor as well. Complete both the subcontractor and prime contractor areas on a single Form IC134.

You may submit your Contractor Affidavit either electronically **or** by mail. This affidavit must be certified and returned before the state or any of its subdivisions can make final payment for your work.

For an immediate response: Complete and submit your Contractor Affidavit electronically. Go to www.revenue.state.mn.us and choose Withholding Tax. Under the File and Pay tab, click on Contractor Affidavit Information for Government Projects.

You may complete and mail Form IC134 to: Minnesota Revenue, Mail Station 6610, St. Paul, MN, 55146-6610. If you have fulfilled the requirements of Minnesota withholding tax laws, the department will sign your Form IC134 and return it to you.

To receive your final payment, submit the certified Contractor Affidavit to the government unit for which the work was done. If you are a subcontractor, submit the certified Contractor Affidavit to your prime contractor to receive your final payment.

Information and Assistance

Additional forms and information, including fact sheets and frequently asked questions, are available on our website.

Website: www.revenue.state.mn.us

Email: withholding.tax@state.mn.us

Phone: 651-282 9999 or 1-800-657-3594.

We'll provide information in other formats upon request to persons with disabilities.

Exemption from Surety Deposits for Non-Minnesota Contractors

Please type or print clearly. This information will be used for returning the form to you.

Contractor Information	Contractor		Total contract amount	Minnesota tax ID number
	Address		\$	
	City State ZIP code		Contact person	Daytime phone
			Contract starting date	Projected completion date
Business type (check one): <input type="checkbox"/> Corporation <input type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Sole proprietor				

Project Information	Name of business or government agency			Contact person	Daytime phone
	Contract owner's address		City State ZIP Code	Project number	
	Project location address		City State ZIP code		

I request exemption from surety deposits under Minnesota law (M.S. 290.9705) for the following reason (check one box only and complete the information requested):

I have a cash surety or a bond secured by an insurance company licensed in Minnesota. The bond must be 8 percent of the total contract amount. **Attach a copy of Form SDB, Non-Minnesota Contractor's Bond.**

Bonding company			Bonding agent		
Address			Daytime phone		
City State ZIP code		Period of bond (month/day/year)			
		From / /		To / /	

I have done construction work in Minnesota during the past three calendar years and have fully complied with Minnesota law regarding Minnesota income, sales and use, corporate franchise and withholding taxes.

I am performing work for a government agency and have a payment and performance bond.

I am performing work for a government agency and have a cash surety issued by a state bank, national bank, or savings and loan association doing business in Minnesota.

I declare this information is true and complete to the best of my knowledge and belief. I authorize the Department of Revenue to send a copy of this form to the contract owner and discuss this case and related taxes with the bonding company.

Contractor's signature	Title	Date
------------------------	-------	------

Mail to: Minnesota Revenue, Mail Station 5410, St. Paul, MN 55146-5410

Department of Revenue Approval
 The above-named non-Minnesota contractor is exempt from the surety requirements of Minnesota Statute 290.9705 for this project.

Department of Revenue approval _____ Date _____

Form SDE Instructions

Unless the non-Minnesota construction contractor is approved for exemption, any person or business that hires or contracts with the contractor must withhold 8 percent of their compensation as a Minnesota surety deposit.

The withholding amount is deposited with the department and is used as a surety to guarantee that the contractor has fulfilled the requirements for withholding, sales and use, corporate franchise and income taxes.

For additional information regarding the 8 percent withholding, see Fact Sheet 12, Surety Deposits for Non-Minnesota Construction Contractors.

Purpose of Form SDE

If you are a non-Minnesota construction contractor and you want to apply for an exemption from the surety deposit (see “Exemption Requirements” below), complete and file Form SDE with the department before you start the project.

If approved, give the original, signed Form SDE to the person or business for whom you are doing the work to show you are exempt from the 8 percent surety deposit.

Surety Deposit Law

If you hire or contract with a non-Minnesota contractor to perform construction work in Minnesota, you must withhold 8 percent (.08) of their compensation as a Minnesota surety deposit. Payments are subject to 8 percent withholding only if the work was performed in Minnesota and the value of the contract exceeds \$50,000.

Exemption Requirements

A non-Minnesota construction contractor may qualify for an exemption from the surety deposit if one of the following requirements are met:

- The contractor gives the department a bond that is secured by an insurance company licensed in Minnesota and is equal to 8 percent of the contract. The bond remains in effect until the contractor satisfies all tax liabilities. You may choose to complete Form SDB, *Non-Minnesota Contractor’s Bond*, to submit to the department.

- The contractor gives the department a cash surety. A cash surety is evidence of a savings account, deposit or certificate of deposit in, or issued by, a state bank, national bank or savings and loan association doing business in Minnesota. Interest and dividends earned on the principal amount may be retained by the contractor.
- The contractor is performing work for a government agency and has a payment and performance bond.
- The contractor has done construction work in Minnesota during the past three calendar years and has fully complied with Minnesota laws regarding withholding, sales and use, corporate franchise and income taxes.

If a non-Minnesota contractor is hired or contracted to perform construction work in Minnesota, the person or business who is paying the contractor must withhold 8 percent of the payment as a Minnesota surety deposit.

Unless the contractor has received exemption from surety deposits, payments made to the contractor are subject to 8 percent withholding, if:

- the construction work was performed in Minnesota; and
- the value of the contract exceeds \$50,000.

Who can apply?

A non-Minnesota contractor can apply for an exemption if your contract exceeds or is expected to exceed \$50,000.

Before You Start

You must have a Minnesota tax ID number from the Department of Revenue to request an exemption from surety deposit.

If you don’t have a Minnesota ID number, you may apply online at www.revenue.state.mn.us or by calling our Business Registration Office at 651-282-5225 or 1-800-657-3605.

How to Apply

To apply for an exemption from Minnesota surety deposits, file Form SDE before you start the project.

Mail this form and any required attachments to the address on the front.

If You’re Approved

If we approve the exemption, we will sign the bottom of the form and return it to you. Make a copy for your records and give the original to the business for whom you are doing the work.

If You’re Not Approved

If we determine you’re not eligible for exemption, 8 percent of each payment made to you must be withheld by the business for whom you are doing the work and deposited with the Department of Revenue.

To apply for a refund, complete Form SDR, *Refund of Surety Deposits for Non-Minnesota Contractors*. When the project is complete, and we determine that you have complied with Minnesota income, withholding, corporate franchise and sales and use tax laws, you’ll receive a refund plus interest.

Information and Assistance

Additional forms and information, including fact sheets and frequently asked questions, are available on our website.

Website: www.revenue.state.mn.us

Email: withholding.tax@state.mn.us

Phone: 651-282 9999 or 1-800-657-3594.
(TTY: Call 711 for Minnesota Relay)

We’ll provide information in other formats upon request to persons with disabilities.

Use of Information

All information on this form is required except for your phone number.

All information, except your Minnesota tax ID number, is private by state law. It cannot be given to others without your permission, except to the Internal Revenue Service, other states that guarantee the same privacy, the contract owner or bonding company and certain government agencies as provided by law.

DIVISION S

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DIVISION S

S-1 SPECIFICATIONS

The 2016 Edition of the Minnesota Department of Transportation “Standard Specifications for Construction” shall apply on this contract, except as modified or altered in the following provisions.

S-2 CONTACT INFORMATION

Questions regarding this Project, including any questions prior to bidding, are to be directed to:

**Brian Pogodzinski
Houston County Engineer
1124 East Washington Street
Caledonia, MN 55921
Ph: 507-725-3925.**

S-3 EQUAL PAY

The Department cannot execute a contract in excess of \$500,000 with a business that has 40 or more employees on a single day during the prior 12 months in this state or a state where the business has its primary place of business, unless the business has an equal pay certificate or has certified in the Electronic Bid File that the business is exempt. Bidders may find more information on the Equal Pay Certificate Requirement at Minnesota Statutes Section 363A.44 or at this website:

http://mn.gov/mdhr/compliance/equal_pay.html

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.

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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 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: www.revenue.state.mn.us/businesses/withholding/Pages/EducationandOutreach.aspx.

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.

S-6 EMERALD ASH BORER COMPLIANCE

REVISED 01/08/16

All or part of this Project is located in a county which the Minnesota Department of Agriculture (MDA) has placed under an Emerald Ash Borer Quarantine. Contractor may contact MDA at 1-888-545-6684 or visit the Emerald Ash Borer website at <http://www.mda.state.mn.us/plants/pestmanagement/eab.aspx> to find more information. The Contractor must comply with the following requirements.

S-6.1 The Contractor **will not**:

- (1) Offer any part of an Ash tree (Fraxinus spp.) from a quarantined area to any industry or individual without an Emerald Ash Borer Compliance Agreement with MDA; or
- (2) Make available any part of an ash tree or any non-coniferous (hardwood) species with bark from the quarantined area for use as firewood; or
- (3) Transport any part of an ash trees, in any form, outside of a quarantined county without complying with an Emerald Ash Borer Compliance Agreement with MDA; or

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- (4) Transport any part of ash trees, in any form, outside the state of MN without contacting John.o.haanstad@aphis.usda.gov to obtain the United States Department of Agriculture's and the MDA's joint approval of the Emerald Ash Borer Compliance Agreement.

S-6.2 The Contractor **will**:

- (1) Dispose of ash trees according to the Emerald Ash Borer Compliance Agreement; and
 (2) Use the ash wood chips within the construction limits for erosion control, construction exit pads, or other project related needs.

S-6.3 The Department will not directly compensate the Contractor for compliance with these requirements.

S-7 USE OF ADHESIVE ANCHORS

Do not use adhesive anchors in sustained tension. Contractor may use adhesive anchors, in a non-direct tensile application, such as metal rail attachment.

S-8 (1103) DEFINITIONS**NEW WRITEUP 03/01/16**

The provisions of MnDOT 1103 are supplemented as follows:

S-8.1 The following definition is added to MnDOT 1103:

Unit Day. 12:00 AM to 11:59 PM (0000-2359) or any portion thereof.

S-9 ACCESS TO PROPOSAL PACKAGE

The provisions of MnDOT 1203 are hereby deleted and supplemented with the following:

The Department will provide Bidders with access to digital copies of the Proposal Package through the Houston County Website at <http://co.houston.mn.us>.

S-10 (1206) PREPARATION AND DELIVERY OF PROPOSAL

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

S-10.1 MnDOT 1206.1 is hereby deleted from the MnDOT Standard Specifications and replaced with the following:

If a Bidder fails to provide a Unit Price for any Pay Item on the Bid Schedule, except for "Lump Sum" Pay Items, the Department will reject the Proposal.

An authorized representative of the Bidder must sign the Proposal.

S-10.2 **ALL** bids may be submitted by email or paper copies with a complete proposal defined as follows:

1. A completed Proposal Cover Sheet
2. A completed Non-Collusion Affidavit
3. Responsible Contractor Forms
4. The complete "Schedule of Prices", with all changes made in ink and initialed.

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- 5. Form 21126D, attached to the back of this Proposal, with signatures and all addenda acknowledged.

If a Bidder Proposal is submitted without the required documents, the bidder's Proposal shall be considered irregular and may be rejected.

If the Department receives a Proposal after the date and time for opening Proposals, the Department will return the Proposal to the Bidder unopened.

S-10.3 MnDOT 1206.2 is hereby deleted from the MnDOT Standard Specifications and replaced with the following:

1206.2 ALLOWABLE SUBSTITUTIONS

For all Proposals the Bidder shall use the following method:

- (1) Submit a Proposal on the Bid Schedule forms provided by the Department. The Bidder shall:
 - (1.1) Submit a Unit Price in numeric figures for each Pay Item for which a quantity is shown. Assume a numeric quantity of "1" for each "Lump Sum" Pay Item, except as not required in the case of alternate Pay Items,
 - (1.2) Show the extensions resulting from Unit Prices multiplied by the shown quantities in the specified column, and
 - (1.3) Add the extended Pay Item amounts to show the total amount of the Proposal.

The Bidder shall write the figures in ink or provide typed or computer printed figures. In the case of a discrepancy between a Unit Price and extension in a Proposal, the Unit Price will govern.

S-10.4 Delivery of Proposals

The provisions of MnDOT 1206 are hereby supplemented with the following:

Each Bidder's Proposal, as defined in 1206, shall be delivered to quotes@co.houston.mn.us. All emails containing proposals shall be electronically time stamped prior to the time specified in Houston County's proposal. Bidder's Proposals time stamped after the time set for bid openings will not be accepted. Paper copies are also accepted prior to the time set for bid openings.

S-11 (1208) PROPOSAL GUARANTY

S-11.1 The provisions of MnDot 1208 are deleted and replaced with the following:
A bid bond shall not be required as part of the Bidder's proposal.

S-12 (1210) REVISION OF PROPOSAL PACKAGE OR WITHDRAWAL OF PROPOSALS

The provisions of MnDOT 1210 are deleted and replaced with the following:

The Bidder may revise its Proposal an unlimited number of times and may withdraw its Proposal before the date and time for opening Proposals.

If submitting a Proposal in accordance with 1206.2, "Allowable Substitutions," the Bidder may revise or withdraw its Proposal after delivery to the Department, if the Department receives the Bidder's written request for withdrawal or revision before the date and time for opening Proposals.

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The Department reserves the right to revise the Proposal Package at any time before the date and time for opening Proposals. The Department will issue a numbered and dated Addendum for any revision of the Proposal Package. The Department will electronically post each Addendum as announced in an e-mail notification to each Bidder on the Department's list of Bidders. The Department will include each Addendum with all Proposal Forms issued to the Bidder after the date of the Addendum.

If revisions made by an Addendum require change to Proposals, or reconsideration by the Bidder, the Department may postpone opening Proposals. If the Department postpones opening Proposals, the Department will specify the new date and time for opening Proposals in the Addendum.

The Bidder shall acknowledge receipt of each Addendum as follows:

- (1) In the Bidder's Proposal, or
- (2) By submitting a letter to the Department before the date and time for opening Proposals.

S-13 (1211) CONDITIONAL PROPOSALS

The provisions of Mn/DOT Standard Specifications 1211, Conditional Proposals, are hereby deleted and the following substituted therefore:

No combination or conditional proposals will be allowed.

S-14 (1305) REQUIREMENT OF CONTRACT BOND

The provisions of MnDOT 1305 are hereby waived.

**S-15 (1404) MAINTENANCE OF TRAFFIC AND (2563) TRAFFIC CONTROL
REVISED 03/01/16**

All traffic control devices shall conform and be installed in accordance to:

- the "Minnesota Manual on Uniform Traffic Control Devices" (MN MUTCD);
- Part 6, "Field Manual for Temporary Traffic Control Zone Layouts" (Field Manual);
- the Speed Limits in Work Zones Guideline
- the Minnesota Flagging Handbook;
- the Minnesota Standard Signs Manual;

And the provisions of MnDOT 1404 and 1710, the Plan, and these Special Provisions.

The Contractor shall furnish, install, maintain, and remove all traffic control devices required to provide safe movement of vehicular traffic through the Project during the life of the Contract from the start of Contract operations to the completion thereof. The Engineer will have the right to modify the requirements for traffic control as deemed necessary due to existing field conditions. The highways shall be kept open to traffic at all times, except as modified below.

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

S-15.1 TRAFFIC CONTROL

(A) If traffic control layouts are not present in the Plan, or if the Contractor modifies the layout or sequence from the Plan, the Contractor shall submit the proposed traffic control layout to the Engineer, for approval, at least seven (7) days prior to the start of construction. The Contractor does not need to submit layouts

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that can be found in the Field Manual. All other layouts that are not found in the plan shall be submitted. At least 24 hours prior to placement, all traffic control devices shall be available on the Project for inspection by the Engineer. The Contractor shall modify his/her proposed traffic control layout and/or devices as deemed necessary by the Engineer.

(B) The Contractor shall be responsible for the immediate repair or replacement of all traffic control devices that become damaged, moved or destroyed, of all lights that cease to function properly, and of all barricade weights that are damaged, destroyed, or otherwise fail to stabilize the barricades. The Contractor shall further provide sufficient surveillance of all traffic control devices at least once every 24 hours.

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. These individuals shall be "on call" 24 hours per day, seven 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 names, addresses, and phone numbers of those individuals to the following:

- 1. **Houston County Highway Department** (507) 725-3925
- 2. **Houston County Sherriff's Department** (507) 725-3379

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 Contractor will be required to meet with the affected landowners following the pre-construction conference to discuss the staging and traffic maintenance. 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 suppliers.
- 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, location, pictures, sketches, weather conditions, interferences to traffic, etc. These records shall be made available to the Engineer upon request.

(C) 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 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 one hour of notification the Contractor shall be subject to an hourly charge assessed at a rate of \$250.00 per 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**

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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.

(D) The person performing the inspection in paragraph (C) above 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 inspection logs, as he deems necessary.

The Contractor shall provide copies of the inspection logs on a weekly basis on a day of the week determined by the Engineer. Additionally the Engineer may request copies of the logs at any time he deems necessary. **If the Contractor is negligent in providing the inspection logs on the predetermined weekly date or at the Engineer's request, the Contractor shall be subject to a daily charge assessed at a rate of \$250.00 per day for each day or any portion thereof with which the Engineer determines that the Contractor has not complied.**

(E) If, at any time, the Contractor fails to, in a timely manner, properly furnish, install, maintain or remove any of the required traffic control devices, the Department reserves the right to correct the deficiency. **Each time the Department takes such corrective action, the costs thereof, including mobilization, plus \$5,000 will be deducted from monies due or coming due the Contractor.**

S-15.2 GENERAL REQUIREMENTS

(A) All portable sign assemblies shall be perpendicular to the ground. No roll-up signs will be allowed unless authorized by the Engineer. No traffic control device (signs, channelizing devices, arrowboards, etc.) shall be weighted so they become hazardous to motorists and workers. The approved ballast system for devices mounted on temporary portable supports is sandbags, unless it is designed, crash tested, and approved for the specific device. During freezing conditions, the sand for bags shall be mixed with a de-icer to prevent the sand from freezing. The sandbags shall be placed and maintained at the base of the traffic control device to the satisfaction of the Engineer.

When signs will remain in the same location for more than 30 consecutive days the signs shall be post mounted. This would not include portable signs, which are set up and taken down at the beginning and end of each work shift. The signs must be post mounted according to the Typical Temporary Sign Framing and Installation Detail Sheet found in the Plan or in these Special Provisions.

(B) When signs are installed, they shall be mounted on posts driven into the ground at the proper height and lateral offset as detailed in the MN MUTCD. **When signs are removed, the sign posts and stub posts shall also be removed from the Right of Way within two (2) weeks or the Contractor shall be subject to a daily charge assessed at a rate of \$100.00 per day for each day or portion thereof with which the Engineer determines that the Contractor has not complied.**

(C) All temporary rigid signs shall be fabricated with an approved retroreflective sheeting material of the appropriate color, and be listed under the Approved/Qualified Products List (APL/QPL) for either "Sheeting for Rigid Temporary Work Zone Signs, Delineators, and Markers (Type IX and XI)" or "Sheeting for Rigid Permanent Signs, Delineators, and Markers (Type IX and XI)". Signs remaining in place that still apply during temporary operations need no change in sign sheeting.

Signs shall have an easily identifiable marking on the face to make the identification of approved retroreflective sign sheeting on temporary rigid signs in the field easier. This marking verifies that the sign sheeting has been approved for temporary rigid signs. Temporary rigid signs 4 sq. feet and under in size and all barricades and route markers will be exempt from this marking. The appropriate marking shall be used for each type of the

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approved sheeting types. Refer to the instructions for the marking of temporary signs that are on the APL or directly at the following link: <http://www.dot.state.mn.us/products/signing/pdf/typelabel.pdf>

The sheeting materials APL/QPL, including the retroreflective sheeting types, is located at <http://www.dot.state.mn.us/products/signing/sheeting.html>

(D) At the beginning of the Project, the Contractor shall have access to extra Type III barricades and retroreflective drums, for use within the Project limits, to be used at the discretion of the Engineer. Furnishing and erecting these traffic control devices shall be incidental.

If additional devices, beyond the quantity specified above, are ordered by the Engineer the Contractor will be compensated according to Section S-15.8 (ADDITIONAL TRAFFIC CONTROL DEVICES) of this Special Provision.

(E) **The Contractor shall provide protective devices necessary to protect traffic from excavations, drop-offs, falling objects, splatter or other hazards that may exist during construction. This work shall be incidental.** The Contractor will not be allowed to suspend material, equipment, tools and personnel over traffic unless a lane closure is established below. All costs associated with the lane closure will be considered incidental.

(F) The Contractor will not be permitted to park vehicles or construction equipment in a location that obstructs any traffic control device. The parking of workers' private vehicles will not be allowed within the Project limits unless so approved by the Engineer.

Note 1 of Layout 2 of the Field Manual is hereby deleted. The Contractor will not be allowed to load or unload material or equipment on the shoulders of the roadway without a full shoulder closure using appropriate signs, barricades and channelizing devices as directed by the Engineer.

(G) The Contractor will not be allowed to store materials or equipment within 30 feet [10 m] of through traffic unless approved by the Engineer. If materials or equipment must be stored within 30 feet [10 m] of through traffic, the Contractor shall provide Type B channelizers, barricades or barriers, placed near the object to warn and protect traffic.

(H) **High Visibility Apparel**
All workers within the road Right-of-Way who are exposed to either traffic or to construction equipment shall wear reflectorized high-visibility safety apparel.

High-visibility safety apparel means personal protective safety clothing that is intended to provide conspicuity during both daytime and nighttime usage, and meets the minimum performance Class 2 requirements of the ANSI/ISEA 107 – 2004 publication entitled “American National Standard for High-Visibility Safety Apparel and Headwear”.

Additional Requirements: ANSI/ISEA 107-2004 Class 3 Requirements (Class 2 Vest with Class E Long Pants)

- **Flaggers**– In addition to an ANSI Class 2 vest, shirt, or jacket, flagger shall wear high visibility Class E long pants and a hat.
- **Nighttime and Low Light Conditions** – All workers working at night or in low light conditions shall wear high visibility Class E long pants in addition to an ANSI Class 2 vest, shirt, or jacket and retro-reflective headgear.

All high visibility apparel must be worn in the manner for which it was designed. All apparel worn on the torso must be closed in the front to provide contiguous 360 degree visibility. If a worker’s high-visibility apparel becomes faded, worn, torn, dirty, or defaced, reducing the conspicuity of the apparel, the apparel shall be removed from service and replaced with new apparel.

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The Contractor will be subject to a non-compliant charge for failure to adhere to the clothing requirements as listed above. Non-compliance charges, for each incident, will **assessed at a rate of \$500.00 per incident** that the Engineer determines that the Contractor has not complied.

(I) **Night Work**

When work will be performed between the official hours of sunset and sunrise, all appropriate practices for night work will apply.

The Contractor shall provide sufficient numbers of light plants to illuminate the work area as determined by the Engineer. All costs incurred to provide such light plants shall be incidental.

The Contractor shall provide a sufficient amount of 2 inch [50 mm] wide highly reflective vehicle marking tape to be applied to Contractor vehicles and equipment, as directed by the Engineer, and as provided by the manufacturer's instructions. This tape shall be considered incidental and shall be on the Approved Products List for "Conspicuity Vehicle Sheeting (Type VII)" as found at: <http://www.dot.state.mn.us/products/signing/sheeting.html>. Vehicle examples to be marked with tape are Contractor rollers, paver, millers and other equipment normally found in the lane closure.

The State will **assess monetary deductions in the amount of \$1000.00 for each Calendar Day** or portion thereof, that the Contractor fails to provide sufficient numbers of light plants as described in this Section S-15.2. As light plants may be dedicated or otherwise made available to the Project, this assessment will be chargeable even if reasons beyond the control of the Contractor such as breakdowns, late delivery of materials, weather delays, or other unanticipated problems cause the work to be accomplished in non-daylight hours.

(J) In temporary traffic control zones only, a 12" x 18" black on white "Keep Right" sign, may be used in lieu of the sizes stated in the Standard Signs Manual.

S-15.3 **VEHICLE WARNING LIGHT SPECIFICATION**

All Contractors, subcontractors' and suppliers' mobile equipment, operating within the limits of the Project with potential exposure to passing traffic, shall be equipped with operable warning lights that meet the appropriate requirements of the SAE specifications. This would include closed roads that are open to local traffic only. This also includes any vehicle that enters the traveled roadway at any time. The SAE specification requirements are as follows:

360 Degree Rotating Lights - SAE Specification J845

Flashing Lights - SAE Specification J595

Flashing Strobe Lights - SAE Specification J1318

Lights shall be mounted so that at least one light is visible at all times from a height of 3.5 feet and from a 60 foot radius about the equipment. In order to meet the 360 degree at 60 foot [18 m] radius requirements supplemental lighting may be used in addition to the lights on the Approved Products List. All supplemental lights must be SAE Class 1 certified. This specification is to be used for both day and night time operations. All costs incurred to provide warning lights shall be at no cost to the Department. These warning lights shall also be operating and visible when a vehicle decelerates to enter a construction work zone and again when a vehicle leaves the work zone and enters the traveled traffic lane.

Any warning lights shall be on the Approved Products List for Vehicle Lighting which is found at the following weblink: <http://www.dot.state.mn.us/products/vehiclelighting/vehiclesafetylights.html>. The list may also be obtained by contacting:

Vehicle Warning Lights
Office of Construction MS722

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Transportation Bldg. OR by calling: (651)366-3585
 395 John Ireland Blvd.
 St. Paul, MN 55155

This list is updated periodically. Warning light suppliers and manufacturers may contact the above for information on adding new products to the list.

A **\$100 penalty (per incident) will be assessed** against the Contractor each time failure to comply with the above requirements is observed on the Project site.

S-15.4 LANE CLOSURE REQUIREMENTS

(A) Temporary lane closures or other traffic restrictions by the Contractor, during work hours and consistent with the time restrictions, will be permitted only during those hours and at those locations approved by the Engineer. Requests for temporary lane closures shall be made at least 24 hours prior to such closures. When a temporary lane closure is used by the Contractor, the closure shall be incidental work.

(B) Temporary lane closures or other traffic restrictions will only be permitted between the official hours of sunrise and sunset. **Work that will restrict or interfere with traffic shall not be performed between 12:00 noon on the day preceding and 9:00 A.M. on the day following any consecutive combination of a Saturday, Sunday and legal holiday.** The Engineer will have the right to lengthen, shorten, or otherwise modify the foregoing periods of restrictions as actual traffic conditions may warrant. **If the Contractor is negligent in adhering to the established time schedules, he shall be subject to an hourly charge assessed at a rate of \$500.00 per hour for each hour or any portion thereof with which the Engineer determines that the Contractor has not complied.**

(C) Unless otherwise approved by the Engineer, any temporary lane closure that is adjacent to traffic, and is extending to or beyond 1000 feet [300 m] shall have a minimum of one Type III barricade, or three drums, placed in the closed lane for every 1000 feet [300 m] of extension. Any lane closure that is adjacent to traffic and in place 3 days or more, shall use the Type III barricade only.

(D) All lane closures shall have Drum (Type B) Channelizers with florescent reflectorized sheeting in the lane closure taper and in any shifts in traffic alignment.

(E) Short Term Duration lane closures will not be permitted during inclement weather, nor any other time when, in the opinion of the Engineer, the lane closure will be a greater than normal hazard to traffic.

(F) When working on the shoulder or median the Contractor shall only perform this work using a lane closure on mainline and adhering to the above lane closure restrictions.

(G) The Contractor shall maintain a minimum of 1.25 miles [two km] between temporary lane closures, except if allowed by the Engineer.

S-15.5 FLAGGER TRAINING AND REQUIREMENTS

(A) Any person acting as a flagger on this Project shall have attended a training session taught by a Contractor's qualified trainer. The Contractor's qualified trainer shall have completed a "MnDOT Flagger Train the Trainer Session" in the five years before the start date of this Contract and shall be on file as a qualified flagger trainer with the Department. The Flagger Trainer's name and Qualification Number shall be furnished by the Contractor at the pre-construction meeting. The Contractor shall provide all flaggers with the MnDOT Flagger Handbook and shall observe the rules and regulations contained therein. This handbook shall be in the possession of all flaggers while flagging on the Project. The Contractor shall obtain handbooks from the Department. Flaggers shall not be assigned other duties while working as authorized flaggers. The "Checklist for Flagger training" form shall be furnished to the Engineer any time a new flagger reports to work on the Project. The

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"Checklist for Flagger Training" form is found at:

<http://www.dot.state.mn.us/const/wzs/documents/flaggertrainingchecklist.pdf>.

The Engineer will have the right to waive the above requirements.

(B) The Contractor shall furnish Flaggers as required to adequately control traffic. Flaggers shall conform to the requirements set forth in the MN MUTCD. All costs incurred to provide such Flaggers shall be incidental.

(C) The Contractor shall provide two-way radios for Flaggers.

Flaggers shall wear high visibility retroreflective safety vests, pants and hats at all times while actively flagging on the Project. High visibility apparel shall also comply with current Minnesota OSHA Rules 5207.0100 and 5207.1000. The Flaggers clothing shall be considered incidental.

The Contractor shall keep the separation distance between the last sign in the "flagger ahead" signing sequence and the actual flagger to the amount shown in the Field Manual, whenever it is practical. The maximum separation distance allowed from the signs to the flagger shall be ½ mile [0.8 km]. The Contractor shall use multiple flagger signing set-ups or continuously move the signing for moving flagging operations to keep within the distance limit. The "flagger ahead" signing sequence shall not be in place when flagging operations are not in effect.

The maximum distance between flaggers shall be ½ mile [0.8 km] unless otherwise authorized by the Engineer. In the event a distance longer than one mile is authorized, the Engineer may order the Contractor to provide two pilot cars at no additional cost to MnDOT.

All signs associated with the flagging operation must be removed or covered when flagging operations are not present.

The Contractor will be subject to a non-compliant charge for failure to adhere to the requirements listed in this Section S-15.4. These requirements include: providing two-way radios for flaggers, properly attired flaggers, flagging operation length requirements, and distance limit between the flagger and the last sign in the flagger sequence, and removing or covering flagger signs when flagging operations are not present. **Non-compliance charges, for each incident will be assessed at a rate of \$500 per incident that the Engineer determines that the Contractor has not complied.** The charges may be assessed equally, separately, and may be assessed concurrently.

The Contractor shall coordinate the flagging operations in a manner that causes as little delay to the traveling public as possible, and at no time shall the delay exceed 10 minutes. In the event that the Contractor is unable to meet the maximum delay requirements, operations shall shut down until such time a new traffic control plan is developed which does meet the maximum delay requirement.

If hauling operations create hazards for the traveling public, the Contractor will be required to provide additional flaggers, as directed by the Engineer. All costs incurred to provide the additional flaggers shall be incidental.

S-15.6 MAINTENANCE AND STAGING OF TRAFFIC CONTROL

(A) The Contractor shall cover all signs that are not consistent with traffic operations. The cover should be a plate of solid material covering the entire legend or all of that part of the legend that is inappropriate. The cover shall be bolted to the sign and shall have a minimum of 1/8 inch [3 mm] plastic washers between the sign face and the cover. See Figures 8.2A, 8.2B and 8.2C of the Traffic Engineering Manual for details. This work will be done as required by the Engineer.

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(B) Street identification signage shall be maintained at all times. Where the only existing signs are small city or county signs located at the intersection, street names and address numbers shall be maintained by temporary installations as required by the Engineer. This is necessary to maintain the 911 emergency system.

(C) The Contractor shall keep the Right-of-Way fence closed up, except during work hours, by means of the in place fence, newly constructed fence, temporary fence (at the Contractor's expense), or a combination thereof.

(D) No access to or from any public road will be permitted for the Contractor's equipment, material deliveries, the hauling of excavated materials of any kind, or employees' private vehicles, except at in place public road intersections, or at locations and in such manner as approved by the Engineer.

(E) As each road is completed, the Contractor shall install the final signing and pavement markings required to safely open that road to traffic. This work shall be completed on or before the date of opening as approved by the Engineer. Overhead signs may be temporarily ground mounted at the Contractor's expense.

S-15.7 MEASUREMENT AND PAYMENT

Traffic Control shall be incidental to the Contract.

S-15.8 ADDITIONAL TRAFFIC CONTROL DEVICES AND EXTENDED USE OF TRAFFIC CONTROL DEVICES

The Engineer may require extra traffic control devices in addition to the traffic control devices shown on the plan Traffic Control Layouts, or in the Field Manual, as warranted by traffic conditions. The Department will pay for extra traffic control devices ordered under this section according to the schedule of predetermined prices in Table 2563-1. The Department will also use the predetermined prices in Table 2563-1 to pay for (1) additional temporary lane closures for Extra Work; and (2) extended use for all traffic control devices which are impacted by excusable and compensable delays, as defined in MnDOT 1806.2B.

The Department will not use the predetermined unit prices listed in Table 2563-1 if payment for a device is specifically provided for elsewhere in the Contract.

(A) General Requirements:

The Contractor must furnish the additional traffic control devices as ordered by the Engineer.

The devices installed must meet contract requirements and be in a functional and legible condition as determined in the sole discretion of the Engineer. Devices not meeting these requirements must be immediately replaced or repaired.

(B) Measurement:

Flashers, barricades, reflectorized drums, portable changeable message signs, 48 x 48 inch [1220 x 1220 mm] signs, and flashing arrow boards will be measured by the number of individual units of each type multiplied by the number of Calendar Days each unit is in service.

Driven post supports and all mounting hardware for 48 inch x 48 inch signs [1220 X 1220 mm] and Standard Signs are considered incidental.

Standard Signs, other than 48 x 48 inch [1220 x 1220 mm] signs, will be measured by the face area of signs furnished multiplied by the number of Calendar Days each square foot [square meter] of sign is in service.

Standard Signs with Portable Supports will be calculated and paid for as follows: Total Standard Sign Sq. Ft + Portable Support Cost (listed in Table 2563-1) = Standard Signs with Portable Supports Cost per day.

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Construction Signs - Special will be measured by the sign face area thereof furnished, installed including supports, and removed as specified.

Temporary Molded Plastic Barrier and Temporary Concrete Barrier will be measured by the number of linear feet furnished multiplied by the number of Calendar Days each linear foot the barrier is in service.

Flaggers and Police Officers will be measured by the number of hours each is in service on the job. Police Officers shall be equipped with a patrol vehicle at all times on the job.

(C) Payment:

For contracts without a sub-contract agreement for traffic control services; reasonable invoices may be accepted for additional traffic control devices obtained. The reasonableness of the invoice for additional traffic control is subject to audit in accordance with MnDOT 1721.

Total compensation for Additional Traffic Control Devices and the Extended Use of Traffic Control Devices will have a maximum payout allowance based on average lifespan as determined by the department.

The following devices will have a 180 Day maximum pay out allowance: Reflectorized Cones/Weighted Channelizer Devices, Surface Mounted/Weighted Delineators, Opposing Traffic Lane Divider, Reflectorized Safety Drum, Reflectorized Safety Drum w/Down Arrow, Flasher Type A (Low Intensity), Flasher Type B (High Intensity) and Flasher Type C (Steady Burn).

The following devices will have a 365 Day maximum pay out allowance: Type I Barricade, Type II Barricade, Direction Indicator Barricade, Type III Barricade, 48 X 48 Inch [1220 x 1220 mm] Standard Sign, 48 X 48 Inch [1220 x 1220 mm] Standard Sign with Portable Supports, Standard Signs, Standard Signs with Portable Supports, Standard Signs Portable Support Cost per day, Construction Sign - Special, Temporary Plastic Molded Barrier and Temporary Concrete Barrier Energy Absorption End Treatment System.

The following devices have a maximum pay out allowance five years or greater: Temporary Concrete Barrier, Portable Changeable Message Board, Flashing Arrow Board and Portable Radar Trailer.

(C.1) Devices, Flagger and Police Officers:

Payment for all additional traffic control devices, Flaggers and police officers, as ordered by the Engineer, will be made in accordance with the following schedule:

Table 2563-1 ADDITIONAL TRAFFIC CONTROL DEVICES, FLAGGERS and POLICE OFFICERS

Item Number	Item	Unit	Pre-determined Price
2563.610	Flagger	Hour	* 1
2563.610	Police Officer	Hour	* 2
2563.613	Reflectorized Cones/Weighted Channelizer Devices	Each/Day	\$0.13
2563.613	Surface Mounted/Weighted Delineators	Each/Day	\$0.22
2563.613	Opposing Traffic Lane Divider	Each/Day	\$1.26
2563.613	Type I Barricade	Each/Day	\$0.29
2563.613	Type II Barricade	Each/Day	\$0.27
2563.613	Direction Indicator Barricade	Each/Day	\$0.39
2563.613	Type III Barricade	Each/Day	\$1.53
2563.613	Reflectorized Safety Drum	Each/Day	\$0.53
2563.613	Reflectorized Safety Drum w/Down Arrow	Each/Day	\$0.66

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Item Number	Item	Unit	Pre-determined Price
2563.613	Flasher Type A (Low Intensity)	Each/Day	\$0.25
2563.613	Flasher Type B (High Intensity)	Each/Day	\$0.53
2563.613	Flasher Type C (Steady Burn)	Each/Day	\$0.22
2563.613	48 X 48 Inch [1220 x 1220 mm] Standard Sign	Each/Day	\$0.75
2563.613	48 X 48 Inch [1220 x 1220 mm] Standard Sign W/Port. Sup.	Each/Day	\$1.22
2563.613	Roll up Sign W/Stand	Each/Day	\$1.25
2563.617	Standard Signs	Square Foot/Day	\$0.16
2563.613	Standard Signs W/ Portable Supports	Each/Day	\$TBD
	Standard Sign Portable Support Cost per day		\$0.47
2563.618	Construction Sign Special * 5	Square Foot	\$38.59
2563.603	Temporary Plastic Molded Barrier	Linear Foot/Day	\$0.25
2563.603	Temporary Concrete Barrier	Linear Foot/Day	\$0.04
2563.613	Temp. Concrete Barrier Energy Absorption End Treat. Sys.	Each/Day	\$34.23
2563.613	Portable Changeable Message Board * 3	Each/Day	\$22.45
2563.613	Flashing Arrow Board * 4	Each/Day	\$6.89
2563.613	Portable Radar Trailer * 4	Each/Day	\$21.36

*1 Will be paid in accordance with MnDOT 1904.4A.

*2 Will be paid at the invoice price plus 10%.

*3 (PCMS) Type C Trailer Mounted Message Signs will be permitted. The Contractor shall continually operate each PCMS at maximum legibility.

*4 The Contractor shall continually operate each Flashing Arrow Board or Portable Radar Trailer at maximum legibility.

*5 Construction Signs – Special includes fabrication, installation, supports and removal as specified. Construction Signs - Special are not eligible for additional compensation due to extended use as described in Sections C.2 “Labor” and C.3 “Equipment” listed below.

(C.2) Labor:

Payment for labor to furnish, install, and remove additional traffic control devices listed in Table 2563-1 as set forth in C.1 “Devices, Flagger and Police Officers”, will be in accordance with 1904.3(4) or 1904.4A.

Payment for labor to inspect and maintain additional traffic control devices will be incidental to the 2563.601 (Traffic Control) Item already contained in the Plan during the original contract period, unless a contract revision meets the requirements listed in MnDOT 1402.3.

Payment for labor to inspect and maintain all traffic control devices, when an extension of contract time is due to an excusable and compensable delay in accordance with MnDOT 1806.2B, will be in accordance with MnDOT 1904.3(4) or 1904.4A

(C.3) Equipment:

Payment for equipment to furnish, install, and remove additional traffic control devices listed in Table 2563-1 as set forth in C.1 “Devices, Flagger and Police Officers”, shall be in accordance with MnDOT 1904.3(4) or 1904.4C

Payment for equipment to inspect and maintain additional traffic control devices will be incidental to the 2563.601 (Traffic Control) Item already contained in the Plan during the original contract period, unless a contract revision meets the requirements listed in MnDOT 1402.3.

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Payment for equipment to inspect and maintain all traffic control devices, when an extension of contract time is due to an excusable and compensable delay in accordance with MnDOT 1806.2B, will be in accordance with MnDOT 1904.3(4) or 1904.4C.

S-16 (1507) UTILITY PROPERTY AND SERVICE

Contractor shall perform construction operations near utility properties in accordance with the provisions of MnDOT 1507, except as modified below:

S-16.1 Add the following to MnDOT 1507.2:

- (3) The Contractor shall acquire a Positive Response confirmation from MnDOT for all proposed excavations when the Gopher State One Call has indicated that proposed excavations may affect MnDOT utilities. The Contractor may call MnDOT Electrical Services Section (ESS) Dispatch Locating to confirm the status of MnDOT owned Utility infrastructure. Contractor can contact MnDOT Electrical Services Section (ESS) Dispatch Locating at (651) 366 -5750 or (651) 366-5751. The Contractor shall be responsible for all damage to MnDOT owned Utility infrastructure if the Contractor did not acquire a Positive Response confirmation from MnDOT.

S-16.2 Any work performed by the Contractor that does not comply with MnDOT 1507.2 may be considered Unauthorized Work in accordance with MnDOT 1512.2.

S-16.3 All utilities related to this Project are classified as "Level D," unless the Plans specifically state otherwise. This utility quality level was determined according to the guidelines of CI/ASCE 38-02, entitled "Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data."

S-16.4 The bidder agrees that it shall use the Plan to identify the location of MnDOT storm water drainage facilities in order to meet the requirements of Minnesota Statutes Ch. 216D and Minnesota Rules 7560.0250 which apply to MnDOT storm water drainage facilities.

S-16.5 Multiple utility owners have existing facilities in the area of construction.. The utility owners are not listed..

The [utility owner contact list](http://www.dot.state.mn.us/utility/contacts.html), provides current contacts for the utilities. See the utility owner contact link at <http://www.dot.state.mn.us/utility/contacts.html>.

S-17 (1514) MAINTENANCE DURING CONSTRUCTION

The provisions of MnDOT 1514 are supplemented with the following:

In addition to the requirements under MnDOT 2051 (Maintenance and Restoration of Haul Roads), the Engineer may require additional sweeping of roads adjacent to the construction site to ensure safety for the traveling public, protect the environment, uphold local requirements, or as otherwise directed by the Engineer.

Payment for additional sweeping ordered by the Engineer is specified below. (This price represents a shared cost.)

Pick Up Broom W/Operator.....	\$55.00 per hour
Self Propelled Pavement Broom W/Operator	\$30.00 per hour

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S-18 (1602) NATURAL MATERIAL SOURCES

The provisions of MnDOT 1602 are supplemented with the following:

S-18.1 The expansion of any existing natural material sources, or the creation of new Natural Material Sources, will be subject to the requirements of the Farmland Protection Act of 1981 (FPPA or the ACT). Coordination to comply with FPPA shall be the responsibility of the Contractor. Contact the Natural Resources Conservation Service (NRCS) office for the county in which the source is located for further information.

S-19 (1701) LAWS TO BE OBSERVED (WET LANDS)

The provisions of MnDOT 1701 are modified and/or supplemented with the following:

S-19.1 If the Contractor operations involve the excavation and/or disposal of material off MnDOT Right of Way, the Contractor is advised of the following:

MN Statutes Sections 103G.2212 and 103G.241 stipulate that an agent or employee of another may not:

- 1) drain, excavate, or fill a wetland, wholly or partially; or
- 2) construct, reconstruct, remove, or make any change in any reservoir, dam, or the course, current, or cross-section of any public water

unless a signed statement from the property owner is obtained stating that any permit or wetland replacement plan required for the work is in place, or that a permit or replacement plan is not required; **AND** this statement is mailed to the appropriate office with jurisdiction over the wetland or public water prior to initiating the work.

The "Landowner Statement and Contractor Responsibility For Work in Wetlands or Public Waters" can be found at http://www.bwsr.state.mn.us/wetlands/forms/Contractor_Responsibility.doc . The Contractor shall provide the Engineer with a copy of the completed "Landowner Statement and Contractor Responsibility for Work in Wetlands or Public Waters" for the excavation and/or disposal site prior to initiating the work.

S-20 (1706) EMPLOYEE HEALTH AND WELFARE

The provisions of MnDOT 1706 are supplemented with the following:

S-20.1 The Contractor must not use motor vehicle equipment that has an obstructed rear view unless:

- (A) The vehicle has a reverse alarm that is audible above the surrounding noise level; or
- (B) An observer signals to the operator that it is safe to reverse.

S-20.2 **The Department may assess a monetary deduction \$500 per incident for a violation of safety standards that could result in death or dismemberment.**

S-20.3 The areas of special concern include, but are not limited to, excavation stability protection, fall protection, protection from overhead hazards, vehicle backup protection (see S-20.1 above), confined space safety, blasting operations, and personal safety devices.

S-20.4 The Contractor cannot avoid complying with safety standards by paying the deduction.

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S-21 (1712) PROTECTION AND RESTORATION OF PROPERTY

REVISED 06/04/15

Bidders may review any environmental documents and permits concerning this Project before bidding. Bidders are hereby notified that the Houston County Zoning Department requires permitting for portable plants. All permitting fees are incidental to the contract. The Department's contact persons in the County are as follows:

Permits:

*Brian K. Pogodzinski
Houston County Engineer
1124 East Washington Street
Caledonia, MN 55921
(507) 725-3925*

S-22 (1801) SUBLETTING OF CONTRACT

The provisions of MnDOT 1801 are modified as follows:

S-22.1 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-22.2 The third paragraph of MnDOT 1801 is modified to read:

On Contracts with Disadvantaged Business Enterprise (DBE), Targeted Group Business (TGB) or Veteran-Owned Small Business (VET) established goals, or any combination thereof, the Contractor's organization shall perform Work amounting to not less than 30 percent of the total original Contract Amount. The Department will deduct specialty items from the total original Contract Amount before calculating the amount of Work that the Contractor shall perform.

S-23 (1802) TRAINING FOR CONSTRUCTION TRUCK OPERATORS

Construction truck operators that haul construction materials such as borrow, aggregate base, asphalt mixtures and concrete paving mixtures are encouraged to become certified Level I Construction Truck Operators (CTO).

MnDOT District offices host a one-day CTO certification course. The CTO training covers the Federal and State construction truck and driver requirements and regulations. The course also covers safe driving techniques. The course includes presenters from the Minnesota State Patrol, Minnesota Department of Transportation, and the Minnesota Safety Center

The Minnesota State Patrol, the Minnesota Highway Safety Center, the Minnesota Trucking Association, the Minnesota Asphalt Pavement Association, and the Minnesota Department of Transportation co-sponsor this course.

For additional information, contact the following:

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	PHONE #
Minnesota Department of Transportation: E-mail: motorcarrier.dot@state.mn.us Website: http://www.dot.state.mn.us/cvo/index.html	651-215-6330
Minnesota Highway Safety Center: E-mail: tjsakry@stcloudstate.edu Website: http://mnsafetycenter.org	Toll Free: 1-888-234-1294 320-255-4732 ex 109
Minnesota State Patrol: Email: cmvinfo@state.mn.us Website: https://dps.mn.gov/divisions/msp/commercial-vehicles/Pages/default.aspx	651-405-6196
Minnesota Trucking Association: E-mail: mta@mntruck.org Website: http://www.mntruck.org	651-646-7351

S-24 (1803) PROGRESS SCHEDULES

The provisions of MnDOT 1803 are modified as follows:

S-24.1 This Contract allows for the use of a “Bar Chart Schedule” as the Progress Schedule for the Project.

S-25 (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME

REVISED 07/28/15

The Contract Time will be determined in accordance with the provisions of MnDOT 1806 and the following:

S-25.1 Contractor must not begin construction operations before contract approval. The Contractor must specify the starting date at the preconstruction conference, at which time the Working Days will begin being assessed.

S-25.2 Contractor must complete all work required under this Contract, except maintenance work and Final Clean Up, in no more than the timeframe indicated in the individual Proposal document.

S-25.3 Construction operations involving construction field work or work that impacts, restricts, or interferes with traffic as determined by the Engineer shall not commence prior to NTP2 without written permission from the Engineer.

S-25.4 The Contractor must not perform work that will restrict or interfere with traffic between 12:00 noon on the day before and 9:00 A.M. on the day after any consecutive combination of a Saturday, Sunday, and legal holiday. The Contractor may request exceptions to this requirement. Exceptions must be approved in writing by the Engineer.

(A) If the Contractor chooses not to work at all on the day before the holiday period, then the Department will **not assess working day charges**.

(B) If the Contractor chooses to work before 12:00 noon on the day before the holiday period (or later than 12:00 noon if approved by the Engineer), then the Department will assess working day charges only for the actual hours worked.

S-25.5 The Department will base working day charges on an 8 hour working day.

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S-25.6 When, in the opinion of the Engineer, the Contractor cannot perform work on the Project due to failure of material delivery beyond the control of the Contractor, the Engineer will agree to suspend Work in conformance with MnDOT 1803.6, or will cease the charging of working days, as determined by the Engineer.

The Engineer will issue a Resumption of Work Order, or resume the charging of working days, after the Contractor has received delivery of the required material.

S-26 (1807) FAILURE TO COMPLETE THE WORK ON TIME

REVISED 01/16/15

The provisions of MnDOT 1807 are supplemented as follows:

S-26.1 The Department will assess the Contractor a monetary deduction in an amount equal to \$5,000 for each Calendar Day that any of the work specified in Section S-25 (DETERMINATION AND EXTENSION OF CONTRACT TIME) of these Special Provisions remains incomplete after the expiration of the working period provided therefore.

S-26.2 The Department may reduce the daily liquidated damages to \$250 when the only remaining items are maintenance or Final Cleanup.

S-26.3 For informational purposes only, bidders are advised that in addition to the requirements of MnDOT 1807, other Sections of these Special Provisions, as shown below, contain requirements for assessment of monetary deductions to this Contract:

1404	MAINTENANCE OF TRAFFIC AND (2563) TRAFFIC CONTROL
1706	EMPLOYEE HEALTH AND WELFARE

S-26.4 The liquidated damages set forth in MnDOT 1807 and any monetary deductions as set forth above may apply equally, separately, and may be assessed concurrently.

S-27 (1903) COMPENSATION FOR ALTERED QUANTITIES

The provisions of 1903 are modified as follows:

The provisions of 1903 shall not apply to any items that are listed in the Contract documents. Houston County will pay for actual quantities used.

S-28 (1904) COMPENSATION FOR CONTRACT REVISIONS

The provisions of 1904 are modified as follows:

Specification 1904.6.B.6 Extended or Unabsorbed Home Office Overhead is hereby deleted and replaced with:

Houston County will not pay for unabsorbed or extended home office overhead costs for "Allowable Delay Costs."

S-29 (1906) PARTIAL PAYMENTS

Partial payment in excess of 95 percent of the value of the completed work will not be made under this contract.

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S-30 (2021) MOBILIZATION

The provisions of MnDOT 2021 are hereby deleted and replaced with the following:

Mobilization shall be incidental to the contract.

S-31 (2051) MAINTENANCE AND RESTORATION OF HAUL ROADS

The bidders attention is directed to the Provisions of 2051, 1515, and 1404, pertaining to haul roads. Since these roads may not be under the jurisdiction of the contracting agency, the Contractor should be aware that maintenance and restoration is generally expected by the appropriate road authorities.

The County will require the Contractor to contact and obtain written approval from the proper jurisdictional agency (Township or County) for haul roads to be used for this work. This must be accomplished through documentation submitted to the Engineer prior to the use of any haul road. A standard form for this procedure may be obtained from the office of the County Engineer.

Maintenance and restoration of haul roads will be considered incidental to the contract items and no other payment will be made therefore.

S-32 (2104) REMOVING PAVEMENT AND MISCELLANEOUS STRUCTURES

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

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.

All woody debris removed from the sites shall be hauled to the Houston County Highway Department Shop, 1124 E. Washington St., Caledonia, MN 55921.

S-33 (2211) AGGREGATE BASE

Aggregate base courses shall be constructed in accordance with the provisions of Mn/DOT 2211 except as modified below:

S-33.1 Compaction shall be achieved by the "Quality Compaction Method" described in MnDOT 2211.3D2.

S-34 (2511) RANDOM RIPRAP

Riprap shall be constructed in accordance with the provisions of 2511 except as modified below:

S-34.1 Either granular filter material or geotextile filter material may be used at the Contractor's option, except that geotextile filter may be used only on 3:1 or flatter slopes (unless stepped) as specified in 2511.3B2.

S-34.2 The depth of granular filter material shall be as shown on the plans.

S-34.3 Filter material, of either type used, will be considered incidental and no direct compensation will be made therefore.

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S-35 (2511) QUARRY-RUN RIPRAP
REVISED 01/03/14

The provisions of Mn/DOT 3601 are supplemented and/or modified with the following:

Mn/DOT 3601.2A2c Quarry-Run Rip Rap, is supplemented to read as follows:

The Contractor shall furnish quarried stone, including spalls, well graded (full range and even distribution of sizes) from the maximum size requested by the County, typically no more than 10 percent larger than 36" diameter, and not more than 15 percent by mass smaller than the 2.00mm (#10) sieve.

S-36 (2575) ESTABLISHING TURF AND CONTROLLING EROSION

MnDOT 2575 is modified as follows:

Establishing Turf and Controlling Erosion shall be paid as a Lump Sum for the work performed under this Contract.

S-37 (3138) AGGREGATE FOR SURFACE AND BASES COURSES
NEW WRITEUP 11/20/15

MnDOT 3138 is modified as follows:

S-37.1 Add the following to MnDOT 3138.2D Surfacing Aggregates:

- (5) Provide aggregate with a minimum clay content of 3% and a Plasticity Index (PI) of 5 – 12. The requirements for PI and minimum clay content are met, if the bitumen content is 1% or greater, the material is composed of at least 25% recycled materials or is composed of at least 50% crushed quarry aggregate.

S-37.2 Add the following to MnDOT 3138.3:

G	Particle Size Analysis Laboratory Manual Method	1302
H	Liquid Limit Determination Laboratory Manual Method	1303
I	Plastic Limit Determination Laboratory Manual Method	1304

S-38 FINAL ESTIMATE AND FINAL PAYMENT

The following provisions shall apply to preparation of the Final Estimate and execution of Final Payment under this Contract:

S-38.1 FINAL ESTIMATE

State Law provides that the final estimate will be made within 90 days after completion of all work required under this Contract. If, however, the total value of the Contract exceeds \$2,000,000.00, the 90 day requirement will not apply and the time allowed for making such final estimate shall be 180 days after the work under this Contract has been, in all things, completed to the satisfaction of the Commissioner.

S-38.2 FINAL PAYMENT

If this Contract contains a "Disadvantage Business Enterprise or Targeted Group Business" goal, the following requirement shall apply:

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"Before final payment is made, the Contractor shall also complete an affidavit showing the total dollar amounts of work performed by disadvantaged business enterprise (DBE) and targeted group business (TGB) and/or veteran-owned small business."

2016 SALT Schedule of Materials Control - Local Government Agency

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.

1603.2 SAMPLING AND TESTING - INSERT INTO SPECIAL PROVISIONS

The first paragraph is hereby deleted and replaced with the following:

Sampling and testing of materials for this project will be in accordance with the State Aid for Local Transportation (SALT) "Schedule of Materials Control – Local Government Agency" (SMC-LGA). The SMC-LGA establishes the size of samples and the minimum rate of testing. The SMC-LGA references the 2016 MnDOT Standard Specifications for Construction and does not set contract requirements for the material.

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 tests 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.

Definitions

[SALT Construction Website](#)

MnDOT Office of State Aid for Local Transportation. The SMC - LGA is located at the construction page under "Information & Resources - Manuals".

[MnDOT Schedule of Materials Control](#)

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

[Approved 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.

[Qualified Products List](#)

Products are predicted to meet all applicable standards and specifications, but random sample testing is required to verify specific product lots meet specifications prior to usage. These products are generally considered to be "qualified" but not approved until tested for compliance. Successfully tested products lots are considered to be "approved". The approval process for the individual product should specify any further testing requirements for the product.

[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 "qualified" products.

Quality assurance (QA) is a process-centered approach to ensuring that the best possible products or services are provided. Related to quality control, quality assurance focuses on enhancing and improving the process that is used to create the end result, rather than focusing on the result itself. Among the parts of the process that are considered in QA are planning, design, development, production and service.

Quality control (QC) is a process that is used to ensure a certain level of quality in a product or service. It includes actions deemed necessary to provide for the control and verification of certain characteristics of a product or service. It involves thoroughly examining and testing the quality of products or the results of services. The basic goal of quality control is to ensure that the products or services that are provided meet specific requirements and characteristics.

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.

	Type of Test	Spec Section *	Contractor - QC Testing Rates	Agency - Testing Rates	
Start-Up Testing Rates for the 1st 2000 tons **	Bulk Specific Gravity	2360.2.G.7.b	1 test per 500 tons 55 lb. sample 3 full cylinder molds	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 calc'd	2360.2.G.7.a/f			
	Coarse Aggregate Angularity (CAA)	2360.2.G.7.g	1 test per 1000 tons		
	Fine Aggregate Angularity (FAA)	2360.2.G.7.h			
	Added AC/Total AC Ratio (calc'd)	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	1 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			NOTE 1
	Fine Aggregate Angularity (FAA)	2360.2.G.7.h			NOTE 2
	TSR	2360.2.G.7.i	When directed by the Materials Engineer		
	Aggregate Specific Gravity	2360.2.G.7.j	As directed by the Engineer		
	Mixture Moisture Content	2360.2.G.7.k	As directed by the Engineer		
	Asphalt Binder Certified Supplier	2360.2.G.7.l	NOTE 3 (1qt. Steel container for asphalt binder. 1/2 gal. plastic container with wide screw top for emulsion)		
	Asphalt Emulsion Certified Supplier	2357			
Compaction / Density Requirements	2360.3.D	Review special provisions			
Small Quantity Requirements	See 2360.2G.5 & 2360.3G				

Testing rates are minimums, additional testing is encouraged to ensure a quality product.

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

* Review Special Provisions & 2360.2.G Mixture Quality Management.

** The testing rates apply only to mixtures that have not been tested on previous projects.

Mixtures from previous years should use the start-up testing rates.

NOTE 1: **At start-up or new Mix Design:** 2 tests per day for a minimum of 2 days, then 1 per day if CAA is met. If CAA > 8% of requirement, 1 sample per day but test 1 per week. No testing required for Class A and or B Aggregates.

NOTE 2: **At start-up or new Mix Design:** 2 tests per day for a minimum of 2 days, then 1 per day if FAA is met. If FAA > 5% of requirement, 1 sample per day but test 1 per week.

NOTE 3: Shall be a Certified Supplier - No Samples Required unless otherwise directed by the Engineer. Agencies using MnDOT Metro Inspection Services will be sampled at the current MnDOT Schedule of Materials Control rates and will be billed accordingly.

BITUMINOUS SPECIALTY ITEMS

Type of Test	Spec	Contractor - QC Testing Rates	Agency - 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)	Stockpile & Machine Hopper: 1/day 30 lbs.
Seal Coat & Otto Seal	2356 3137.2 B	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	Stockpile or Machine Hopper: 1/500 Tons (min 1/day)	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 Mixture	2356	1/300 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 2350	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 draindown. Copy MDR to Project Engineer and Grading & Base Engineer.
Asphalt Binder Tests		<u>Asphalt Emulsion List</u>	<u>Asphalt Binder List</u>
UTBWC	2353 3151	Shall be a Certified Supplier - No Samples Required unless otherwise directed by the Engineer : Asphalt Binder: First load, then 1/250,000 gallons. Sample size of 1 quart metal container. Emulsified Asphalt: First load, then 1/50,000 gallons. Sample size of 1/2 gallon wide screw top plastic container.	
Micro-Surfacing	2354		
Seal Coat & Otto 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 & Otto Seal	2356		
Bit Tack Coat	2357		

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

Cold Inplace Recycling (CIR) & Stabilized Full Depth Reclamation (SFDR)

Specification 2215

Test Type	Producer Testing Rates	Engineer 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", 3/4", 3/8", #4, #10, #30.
Gradation (Simple) (Material to be stabilized)	1 per mile for SFDR & CIR w/o top size screening. 4 / mile for CIR with top size screens.	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
Depth Check - Unstabilized and Stabilized	1 per 1,000' /machine width for each vertical machine face for initial pulverization and stabilization.	1 per day	.284 / 401
SFDR: Moisture during compaction of unstabilized portion	1/6,000 sq. yd.	none	.245 Speedy tester not allowed.
Penetration Index (DCP) - SFDR only Unstabilized.	1 per 1/2 mile lane mile	1 per lane 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 5,000 feet of lane of daily anticipated SFDR & one after the addition of water by the Contractor 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	1 per 500 feet of lane width, (see note below) .	Observe the Contractor.	0.282
Control Strip: SFDR Stabilized and CIR	Minimum of once per project	Observe the Contractor.	
Bituminous Material Samples	none	Shall be a Certified Supplier - No Samples Required unless otherwise directed by the Engineer.	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 once per day.	0.285
Moisture (stabilized) - before placement of next layer during curing.	none	3 daily after compaction.	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 3

		Material Type	Spec. *	Minimum Required Agency Acceptance Testing - QA	QC Testing Rates	Lab Sample	
Gradation Testing (See Notes 2 & 3)		Aggregate Surfacing	3138 2211.5	Total quantity less than 4000 tons (2200 cy-cv) = 1 gradation/1,000 tons (550 cy.cv) or less, determine compliance to individual results (table 2211-5). Total quantity greater than 4,000 tons (2200 cy-cv), divide the total quantity by 10,000, roundup to the next whole number to determine the number of lots. Each lot is divide into 4 equal sublots, randomly sample each subplot. Determine individual results and subplot averages for compliance (Table 2211-4 & 2211-5)	1 / 1,000 tons stockpile gradation only required for materials on hand. Spec 1906.2	1/source 30 lb.	
		Aggregate Base					
		Aggregate Shoulders					
		Drainable Aggregate Base (OGAB & DSB)	3136				
		Granular Borrow/Embankment	3149	1/40,000 Cubic Yards - Compacted Volume - CV	1/10,000 Cubic Yards - only required for material on hand, Spec 1906.2	1/source 30 lb.	
		Select Granular Borrow/Embankment					
		Modified Granular Borrow/Embankment					
		Stabilizing Aggregate					
		Full Depth Reclamation	3135		1/day	1/6,000 yd ² & depth check	None
		Granular Filter	3601	3149	1/ source	1/source - before delivery on the project.	1/source 30 lb.
		Granular Backfill					
		Aggregate Backfill					
		Granular Bedding					
		Aggregate Bedding					
	Coarse Filter						
	Fine Filter						
Proctor	Non-Granular Material per 2105.3F	2105 2106 3149	1 per major soil, subgrade preparation specified density requires 100% of proctor density.	None	1 sample 25 lb.		
Sand Cone	Non-Granular Material per 2105.3F						
		AGENCY TESTING: Roadway Embankment: One test per 4,000 yd ³ (CV) <u>or</u> if test rolled, One test per 8,000 yd ³ (CV), Transverse culverts & Abutments: 1 test per every 2 feet of fill per 250' of trench length. Structures Trenches: One test/500 feet of each structure length at various depths. Subgrade Preparation: One per 25 road stations.					
Penetration Index Method (DCP) Index *	Aggregate Base	3138	1 DCP tests per 500 yd ³ (CV) or 1 per 900 Tons. If test rolled, 1 test / 1,000 yd ³ (CV) or 1,800 Tons.	None	None		
	Aggregate Shoulders						
	Full Depth Reclamation	3135	1 DCP test per 3,000 yd ²				
	Granular Materials Subgrade Preparation (for materials meeting 3149.2B1)	3149.2 B	AGENCY TESTING: Roadway Embankment: One test per 2,000 yd ³ (CV) <u>or</u> if test rolled, One test per 4,000 yd ³ (CV), Transverse culverts & Abutments: 1 test per every 5 feet of fill per 250' of trench length. Structures Trenches: One test/500 feet of each structure length at various depths. Subgrade Preparation: One per 25 road stations.				

[The Grading and Base Manual allows the nuclear density gauge, see pages 60 and 65.](#)

GRADING AND BASE CONSTRUCTION ITEMS 2 of 3

	Material Type	Spec. *	Minimum Required Agency Acceptance Testing - QA	QC Testing Rates	Lab Sample
Moisture Content Test During All Compaction Methods	*Aggregate Base, Shoulder & Surfacing	3138	1 per project unless directed by the Engineer, obtain split companion sample for the Contractor. * May replace tests with time stamped photos showing water being applied.	1 / 1,000 yd ³	None
	Drainable Aggregate Base (OGAB & DSB)			1/6000 yd ²	
	Full Depth Reclamation	3135		1/10,000 yd ³	
	All Embankment Materials	3149 2105		1 per 25 road stations	
	Subgrade Preparation				
Percent Crushing	Particle Count (note 1)	1/ source unless directed by Engineer, (required for 3138.2B & C, 3149.2C & G1, 3136.2B Drainable Bases).		1 required for mat'l on hand, Spec 1906.2	1/source 30lb
Quality	Aggregate Quality Tests	3138 3149 3601	1/ source unless directed by Engineer	2 required for mat'l on hand, Spec 1906.2	1/source 30lb
Depth Check	Full Depth Reclamation		1 per day unless directed by Engineer	1/1,000 feet of machine width.	
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 subgrade, base layers (2211), non stabilized FDR (2215) and granular layers not meeting the requirements of 3149.2B2 (2105 & 2106). Minimum 12' width and 300' length. Agency to observe test rolling. See G & B Manual 5-692.270.		

Laboratory Samples are companion split samples to the QA sample:

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

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

NOTE 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.

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

* Review the Special Provisions. For granular materials, aggregate compaction will be by the "Penetration Index Method" unless otherwise designated in the Special Provisions. Other compaction methods include the "Specified Density Method" (sand cone), "Quality Compaction Method" or "Light Weight Deflectometer Method. See 2211.3.D.2 Compaction. The Grading and Base Manual allows the nuclear density gauge, see pages 60 and 65.

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.

Samples are not required for less than 500 tons (275 yd³).

GRADING AND BASE CONSTRUCTION ITEMS 3 of 3

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	Yes , if it contains Bitumen	Yes , if it contains Bitumen	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.

[Click here for testing procedures in the Grading & Base Manual.](#)

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

[Gradation worksheets at the SALT Construction Website](#)

CERTIFIED READY-MIX CONCRETE, 1 of 2

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)	Producer QC Testing Rates	Engineer Testing Rates (1) Verification-companion to QC			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 Plant Production Testing Rates *	Gradation (5-694.145) (5-694.148)	Coarse & Fine: When over 20 yd3 per week, 1 per week or 1 per 400 yd3, whichever is greater. <u>Bridge Deck Concrete</u> must have passing gradations prior to mixing.		Coarse & Fine: 1 per week		21763 Concrete Agg. Work sheet 2449 Weekly Concrete Agg. Report 24143 Weekly Certified R-M Plant Report		
		Moisture Content (5-694.142)	1 every 4 hours		None				
		Aggregate Quality (5-694.146)	Engineer Testing Rates: Minimum of 1 per project per each fraction - use of MnDOT test results for the same 30 day time period is acceptable. <u>For bridge concrete</u> : 1 test each fraction per month. <u>For all bridge deck concrete poured during the month</u> : Test monthly quality to 3137.2D2 for each coarse aggregate fraction. Designate 3137.2D2 on the sample card. Gradation results will be included with the monthly quality tests.						
		Coarse Aggregate (% Passing 200) (5-694.146)							
		Minimum Aggregate Sample Size *companion required, double sample size							
		Aggregate Size	Gradation*	Quality*	Moisture	% -200 C.Agg			
		3/4" Plus, #4	25 lb.	50 lb.	2000 g	10 lb.			
		3/4" Minus, #67	25 lb.	30 lb.	2000 g	6 lb.			
		#7, CA-70	6 lb.	30 lb.	2000 g	6 lb.			
		CA-80, #89	1.1 lb. (500 g)	30 lb.	500 g	-			
		Fine Aggregate	1.1 lb. (500 g)	30 lb.	500 g	-			
		Concrete Field Testing Rates	<u>Sampling Locations for Air, Slump, Temperature and Cylinder Testing</u> (1) 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 must have passing air content and slump prior to placement . Cast strength specimens from the same load as the air content and slump test. Test whenever adjustments are made to the mix. (2) Subsequent tests - Sample from the middle portion of the load.					2448 Weekly Concrete Report	
Test Type	Engineer Testing Rates (1)								
Air Content - Type 3 Concrete (5-694.541)	1 test per 200 yd3. <u>For Bridge Concrete</u> : 1 test per 100 yd3. Test first load each day per mix. Test when adjustments are made to the mix.								
Slump (5-694.531)	1 test per 200 yd3. <u>For Bridge Concrete</u> : 1 test per 100 yd3. Test first load each day per mix, or as necessary to verify passing slump. Not 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.								

(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 is 25 yd3 or less per week with no gradation testing or plant monitoring required but remember that **Concrete Field Testing is required.**

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

CERTIFIED READY-MIX CONCRETE, 2 of 2

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.

Spec.		Test Type	Engineer Testing Rates (1)	Form
See page 1 of 2	Concrete Field Testing Rates	Compressive Strength (5-694.511) Standard cylinder size is 4 x 8, use 6 x 12 with aggregate greater than 1 1/4".	General Concrete Grades F, G, M, P, and R: 1 set of 3 cylinders per 300 yd3.	2409 Concrete Cylinder
			Bridge Concrete Grades B, S, and Y: 1 set of 3 cylinders per 100 yd3, then 1 set of 3 cylinders per 300 yd3	
			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, <i>do not rod</i> , lightly tap the sides, cover and move to area with no vibration. Do not disturb for 24 hours.	
			Concrete Pavement Thickness **	Observation of probing or coring at the Engineer's discretion.
	Flexural Strength	Producer: 1 beam (28 day) per day. Make additional control beams as necessary. Control beams shall be made within the last hour of concrete poured each day. Fabricate beams, deliver beams to curing site, and clean beam boxes. Cylinders may be substituted for beams at the discretion of the Engineer.	2162 Concrete Test Beam Data	
	Concrete Pavement Texture	Producer: 1 per 1000 lineal feet per lane of concrete pavement at locations determined by the Agency. The Contractor supplies all materials necessary to perform the required testing.	MIT SCAN T2 Report	

(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 is 25 yd3 or less per week with no gradation testing or plant monitoring required but remember that **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.

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

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

The testing rates shown in the SMC - LGA are minimums. Take as many tests as necessary to ensure quality concrete. It is recommended that the Agency Plant Monitor be present during critical pours, such as superstructure or paving concrete. If any field test fails, reject the concrete or if the Producer makes adjustments to the load to meet requirements, record the adjustments on the Certificate of Compliance and Weekly Concrete Report. Retest the load and record the adjusted test results. Make sure the next load is tested, before it gets into the work. If batching adjustments are made at the plant, test the adjusted load, before it gets into the work. Continue to test the concrete when test results are inconsistent or marginal. Material not meeting requirements shall not knowingly be placed in the work. If failing concrete inadvertently gets placed in the work, use either the MN/DOT Standard Specifications for Construction or the Schedule of Price Reductions for Concrete to address penalties. It is recommended that the Agency representative continually monitor the progress of all concrete pours. (It is not a recommended practice to only perform minimum testing requirements and leave the project.)

Concrete Plant and Field Materials

All materials must come from certified or qualified sources. All certified source 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 Products List do not have to be sampled and need to be listed on the Material Acceptance Summary detailed in the SALT SMC. Samples can be submitted as directed by the Engineer.

	Material	Spec. No.	Minimum Required Field Sampling Rate	Form No.
Concrete Plant Batching Materials	Portland Cement	3101	Shall be a Certified Supplier - No Samples Required unless otherwise directed by the Engineer. For certified ready-mix and concrete paving sample rates: 1 sample when the plant is certified. Take additional samples at 6 months if producing Agency concrete, if 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 suppliers 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 (Accelerationg, Retarding, Water-Reducing, Air- Entraining, etc.)	3113	For all concrete: 1 sample in a 1/2 pint plastic container provided by the Agency when the plant is certified. Take additional samples at 3 months if producing Agency concrete, if the plant changes sources or as the contract requires.	2410 Sample ID Card
	Water	3906	1 sample in a 1 gallon clean glass or plastic container from a questionable source.	
Concrete Field Materials	Preformed Joint Filler	3702	Visual Inspection, sample size 2 sq.ft.	2410 Sample ID Card
	Preformed Elastomeric Type	3721	1 per lot. Only materials from a qualified sources. Link to Approved Products List.	
	Silicone Joint Sealer	3722		
	Hot Poured Elastomeric Type	3723 3725		
	Burlap	3751	Visual Inspection	
	Paper	3752	Visual Inspection - Must be white opaque.	
	Membrane Curing Compound	3754 3754AMS 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.				

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

2301 CONCRETE PAVEMENT - AGENCY 1 of 2 *

Test Type (concrete manual)	Spec.	Concrete Paving Batch Plant Agency Testing	Certified Ready-Mix Plant Agency Testing	Form
Gradation (1) (5-694.145) (5-694.148)	3126 3137	Test the first 4 QA samples of production each time the Contractor mobilizes the plant in a calendar year or changes aggregate sources.		21764 Agg Work sheet
		1 per day randomly thereafter.	1 per 1000 yd ³ or 1 per week whichever is higher, randomly.	
Aggregate Moisture - QC Verification (2) (5-694.142)	3126 3137	If w/c incentives apply: 1 per 1000 yd ³ or every 4 hours, whichever is greater. Take initial sample within the first 250 yd ³ .	If w/c incentives apply: 1 per 200 yd ³ or every 4 hours, whichever is greater. Take initial sample within the first 100 yd ³ .	Concrete W/C Ratio Work sheet
Water Content, Microwave Oven Verification (3) (5-694.532)	Concrete Manual	Take initial sample within the first 250 yd ³ . At least one additional verification test should be taken if more than 1000 yd ³ is produced in a day.	Take initial sample within the first 100 yd ³ . At least one additional verification test should be taken if more than 400 yd ³ is produced in a day.	
Coarse Aggregate, -200 sieve (5-694.146)	3137	1 randomly selected 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.		21764 Agg Work sheet
Coarse and Fine Aggregate Quality (4)	3126 3137	During concrete production: 1 randomly selected test each fraction every 20,000 yd ³ of production. Split the Quality sample 4 ways: 1) Provide 2 quarters of the sample to the producer/contractor. 2) Test the -200 on the coarse aggregate at the plant the day it was sampled. 3) 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 Incent / Disincent Work sheet
		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.

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 of your Federal Aid Project.

2301 CONCRETE PAVEMENT - AGENCY 2 of 2

Test Type	Spec.	Concrete Field Testing - Agency	Form
Air Content before consolidation for Type 3 concrete	Review Concrete Manual Website	1 correlation air test per day	2448 Weekly Concrete Report
Air Content after consolidation for Type 3 concrete		1 air test per day	
Slump		For fixed form placement: 1 slump test per day. For slip form placement: No slump testing required.	
Concrete Temperature		Record temperature each time air content, slump or strength test specimen is performed/fabricated by the Agency.	
Flexural Strength		Supply beam boxes, cure, and test beams. MnDOT standard beam box size is 6" x 6" x 20" unless other sizes or types are approved by the Concrete Engineer.	2162 Test Beam Data
Concrete Pavement Texture		Determine texture testing locations using random numbers.	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.	Concrete Profile Summary Work Sheet
Surface Smoothness			None

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

NOTE (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 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.

NOTE (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.

NOTE(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.

NOTE (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 size				
Aggregate Size	Gradation*	Quality*	Moisture	% -200 C.Agg
3/4" Plus, #4	25 lb.	50 lb.	2000 g	10 lb.
3/4" Minus, #67	25 lb.	30 lb.	2000 g	6 lb.
#7, CA-70	6 lb.	30 lb.	2000 g	6 lb.
CA-80, #89	1.1 lb. (500 g)	30 lb.	500 g	-
Fine Aggregate	1.1 lb. (500 g)	30 lb.	500 g	-

CONCRETE PAVEMENT - PRODUCER / CONTRACTOR 1 of 2*

Test Type (concrete manual)	Spec.	Concrete Paving Batch Plant Production Testing	Certified Ready-Mix Plant Production Testing	
Gradation (1) (5-694.145) (5-694.148)	3126 3137	When over 250 yd ³ produced per day: 1 per 1500 yd ³ , or completed 1 per 1/2 day, whichever is the higher sampling rate.	When over 20 yd ³ produced per day: 1 per 400 yd ³ , or completed every 4 hours, whichever is the higher sampling rate.	
Coarse Aggregate -200 sieve (5-694.146)	3137	Test the first sample then at least 1 of the next 3 samples 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 day randomly thereafter. Test these samples at the plant.		
Aggregate Moisture QC Verification (2) (5-694.142)	3126 3137	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	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 and Fine Aggregate Quality	3126 3137	Prior to concrete production: Test the Agency's pre-production sample at the Contractor's discretion. During concrete production: Test the -200 on the quality companion sample the day it was sampled. All other testing is at the Contractor's discretion.		
Coarse Aggregate Quality Testing for Incentive / Disincentive	3137	Test at the Contractor's discretion.		
Minimum Aggregate Sample Size *companion required, double sample size				
Aggregate Size	Gradation*	Quality*	Moisture	% -200 C.Agg
3/4" Plus, #4	25 lb.	50 lb.	2000 g	10 lb.
3/4" Minus, #67	25 lb.	30 lb.	2000 g	6 lb.
#7, CA-70	6 lb.	30 lb.	2000 g	6 lb.
CA-80, #89	1.1 lb. (500 g)	30 lb.	500 g	-
Fine Aggregate	1.1 lb. (500 g)	30 lb.	500 g	-

* 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.

NOTE (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.

NOTE (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.

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

CONCRETE PAVEMENT - PRODUCER / CONTRACTOR 2 of 2

Test Type	Spec.	Concrete Field Testing - Contractor
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.
Air Content after consolidation for Type 3 concrete		Test 1 air content per 1/2 day of slip form paving to establish an air loss correction factor (ACF). See Special Provisions for additional information.
Slump		For fixed form placement: 1 per 300 yd ³ and as directed by the Engineer. Test first load each day per mix. For slip form placement: No slump testing required
Concrete Temperature		Record temperature each time air content, slump or strength test specimen is performed/fabricated by the Contractor.
Flexural Strength		1 beam (28 day) per day. Make additional control beams as necessary. Control beams shall be made within the last hour of concrete poured each day. Fabricate beams, deliver beams to curing site, and clean beam boxes. Cylinders may be substituted for beams at the discretion of the Engineer.
Concrete Pavement Texture		1 per 1000 lineal feet per lane of concrete pavement at locations determined by the Agency. All adjoining lanes shall be tested at the same location if paved at the same time. The Contractor supplies all materials necessary to perform the required testing.
Thickness		The Contractor drills concrete cores at locations determined by the Agency. The Contractor probes the plastic concrete at locations determined by the Agency.
Surface Smoothness		Contractor provides MnDOT certified inertial profiler results for the entire project as required by the contract. Check for current certification.

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

2404 CONCRETE WEARING COURSE FOR BRIDGES

Test Type (concrete manual)	Spec.	Contractor Testing	Agency Testing	Form
Gradation, Quality, Coarse Agg -200 QC/Verification (5-694.145) (5-694.146) (5-694.148)	3126 3137	Prior to production, provide the Agency with: Aggregate pit numbers, 1 passing gradation result per fraction per source. No quality test results are required. Test Agency companion samples are Contractor's discretion.	1 per fraction prior to production and each time aggregate is delivered to the site.	2410 Sample ID Card
Air Content - Type 3 Concrete (Verification) (5-694.541)	Review Concrete Manual Website	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. 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	2409 Cyl. ID Card

Test	Minimum Sample Size *companion req'd, double sample size	
Gradation	6 lb. for # 7	1.1 lb. Sand
Quality	50 lb. for Coarse Aggregate	30 lb. Fine Aggregate

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

CONCRETE PAVEMENT REPAIR - CPR for 3U18

Test Type	Spec.	Contractor Testing	Agency Testing	Forms
Gradation, Quality, Coarse Agg -200	3126 3137	Prior to production, the Contractor shall provide the Agency with: Aggregate pit numbers, 1 passing gradation result per fraction per source. No quality test results are required. Test companion samples at Contractor's discretion.	Gradation: 1 per aggregate fraction prior to production and each time aggregate is delivered to the site. 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.	2410 Sample ID Card
Air Content - Type 3 Concrete	Review Concrete Manual Website	None	1 per 15 yd ³ , Test at beginning of pour each day.	21412 Weekly Report of Low Slump Concrete
Slump		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.	
Compressive Strength		None	1 cylinder (28 day) per 30 yd ³	2409 Cyl. ID Card

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

DOWEL BAR RETROFIT - DBR

Test Type	Spec.	Contractor Testing	Agency Testing	Form
Gradation, Quality, Coarse Agg -200	3126 3137	Prior to production, the Contractor shall provide the Agency with: Aggregate pit numbers, 1 passing gradation result per fraction per source. No quality test results are required. Test companion samples are Contractor's discretion.	1 per fraction prior to production and each time aggregate is delivered to the site.	2410 Sample ID Card

Test Type	Spec.	Agency Testing		Form
DBR Material Compressive Strength	Review Concrete Manual	Contractor Testing: None		2409 Cylinder ID Card
		Agency Testing: During the pre-production test operations: 1 set of 3 cylinders tested at a rate as directed by the Engineer. Testing may need to be repeated if any problems with the dowel bar retrofit material are encountered. First day of production: 1 set of 3 cylinders at a rate directed by the Concrete Engineer. After the first day of production: 1 cylinder per day during production tested at a rate determined by the Engineer to determine traffic strength.		

Test	Minimum Sample Size *companion req'd, double sample size	
Gradation	1.1 lb. for # 89 & Sand	
Quality	50 lb. Coarse Aggregate	30 lb. Fine Aggregate

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

LANDSCAPING AND EROSION CONTROL ITEMS

Kind of Material	Spec. #	Min. Required 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)		
Hydraulic Soil Stabilizer	3884	Check Approved/Qualified Products List - As directed by the Engineer.

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

CHEMICAL ITEMS

Kind of Material	Spec. No.	Min. Required 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.	Min. Required 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 Sign Posts	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		
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.	Min. Required 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.	
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			
<u>Drainage Castings</u>	3321	Visual Inspection - Check approved / qualified list.	
	2471		
<u>Electrical</u>	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)	
<p>Notes: 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.</p>			
<u>Anchorage (Drilled In)</u>	Special Provisions	Visual Inspection - Check qualified products list.	
<u>Structural Steel</u>	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 web site: http://www.dot.state.mn.us/bridge/	
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.	Min. Required 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 certified 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 (Construction)	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 available at http://www.dot.state.mn.us/materials/aggregatedocs/gtxlist.pdf
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.	Min. Required 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 Mn/DOT 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 Mn/DOT Signals and Lighting Approved Products Lists (APL). The Contract documents indicate, which items must be on the Signals and/or Lighting APL.
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 AND SIGNAL EQUIPMENT ITEMS 2 of 2

Kind of Material	Spec. No.	Min. Required Acceptance Testing (Field Testing Rate)
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), & Mn/DOT 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 Mn/DOT 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 Mn/DOT 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.	Min. Required 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.
<u>Modular Block Retaining Walls</u>	Review Current Special Provisions	Visual Inspection - Note: All lots of block 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	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.	Min. Required 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

[Asphalt Products](#)

[Roadside Safety Hardware](#)

[Bridge Products](#)

[Roadway Lighting Products](#)

[Concrete Products](#)

[Traffic Control Signals Products](#)

[Crack & Joint Materials Products](#)

[Signing Products](#)

[Truncated Domes](#)

[Snow and Ice Chemical Products](#)

[Drainage](#)

[Temporary Traffic Control Devices](#)

[Erosion Control and Landscaping Products](#)

[Traffic Management Systems/ITS](#)

[Geosynthetics](#)

[Vehicle Safety Lighting](#)

[Maintenance Shop Supplies](#)

[Walls \(Retaining/Noise\)](#)

[Paint/Stain/Coating Systems \(Non-Pavement\) Products](#)

SALT Construction Website - Additional Resources

[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 at the SALT Construction Website](#)

SALT SMC - LGA Contacts

Districts 1, 2, 3, 4

Ron Bumann - State Aid Construction Practices Specialist

ronald.bumann@state.mn.us

218-725-2811

Districts 6, 7, 8

Mitch Bartelt - State Aid Construction Engineer

mitch.bartelt@state.mn.us

651-366-3832

Metro

Elisa Bottos - State Aid Construction Engineer

elisa.bottos@state.mn.us

651-234-7766

Jim Deeny - State Aid Construction Liaison

james.deeny@state.mn.us

651-234-7762

Telephone Index for MnDOT Specialty Offices

Grading & Base

Terry Beaudry	(651) 366-5456
John Bormann	(651) 366-5496
Melissa Cole	(651) 366-5432

[Website: www.dot.state.mn.us/materials/gradingandbase.html](http://www.dot.state.mn.us/materials/gradingandbase.html)

Bituminous

John Garrity	(651) 366-5577
Asphalt Binder	
Jim McGraw	(651) 366-5548
Jason Szondy	(651) 366-5549

Bituminous Specialty Items

Terry Beaudry	(651) 366-5456
Greg Schneider	(651) 366-5403
Melissa Cole	(651) 366-5432
Tom Wood	(651) 366-5573

[Website: www.dot.state.mn.us/materials/bituminous.html](http://www.dot.state.mn.us/materials/bituminous.html)

Concrete

Concrete – Aggregates and Mix Design	
Concrete – Certified Ready Mix Concrete	
Wendy Garr	(651) 366-5423
Concrete – Paving	(651) 366-5576
Rob Golish	
Concrete – Bridges	(651) 366-5575
Ron Mulvaney	
Concrete – Pavement Rehabilitation	
Gordy Bruhn	(651) 366-5523

[Website: www.dot.state.mn.us/materials/concrete.html](http://www.dot.state.mn.us/materials/concrete.html)

Landscaping and Erosion Control Items

Erosion Control	(651) 366-3607
Lori Belz	
Landscaping	(651) 366-4612
Scott Bradley	
Wood Chips	(651) 366-3619
Tina Markeson	

Chemical Items

Allen Gallistell	(651) 366-5545
Dave Iverson	(651) 366-5550

Metallic Materials and Metal Products Sampling

Steve Grover	(651) 366-5540
Laboratory - Test Results	(651) 366-5560
Bridge Structural Metals	
Todd Niemann	(651) 366-4567
Barry Glassman	(651) 366-4568

Miscellaneous Materials

Steve Grover	(651) 366-5540
Bearing Pads	
Todd Niemann	(651) 366-4567
Barry Glassman	(651) 366-4568
Laboratory - Test Results	(651) 366-5560

Geosynthetics, Pipe, Tile, and Precast/Prestressed Concrete

Steve Grover	(651) 366-5540
Rich Lamb	(651) 366-5595
Randy Tilseth	(651) 366-5451
Laboratory - Test Results	(651) 366-5560

Brick, Stone and Masonry Units/Modular Retaining Wall Blocks

Steve Grover	(651) 366-5540
Blake Nelson	(651) 366-5599
Laboratory - Test Results	(651) 366-5561

Electrical & Signal

Susan Zaring	(651) 234-7052
Steve Grover	(651) 366-5540
Wendy Garr - Concrete	(651) 366-5423
Laboratory - Test Results	(651) 366-5560

Materials Lab. Contacts

Independent Assurance

<p>District 1, Duluth Leila DeLuca, Linda Pearson, 218-725-2738 Fax 218-725-2814</p>	<p>Nadine Miller (218) 725-2737 Cell (218) 348-6297</p>
<p>District 2, Bemidji Jeff Long, 218-755-6544 Jason Kisseo, 218-755-6542 Fax 218-755-6540</p>	<p>Thomas Lloyd (218) 755-6545 Cell (218) 766-6949</p>
<p>District 3A, Baxter Tom Boser, 218-828-5755 Fax 218-828-5816</p>	<p>- (218) 828-5753 Cell (218)232-6748</p>
<p>District 3B, Saint Cloud Teresa Mertens, 320-223-6555 Fax 320-223-6582</p>	<p>Teresa Mertens, 320-223-6555 Cell (320) 493-3559</p>
<p>District 4, Detroit Lakes Brad Hanson, 218-846-3616 Bruce Bryngelson, 218-846-3614 Wayne Koons, 218-846-3617 Fax 218-846-0744</p>	<p>David Brunner Dist. 4 Mat'ls (218) 846-3613 Cell (218) 849-7393 Sandy Kay Wollschlager 4B Mat'ls (320) 589-7300 Cell (320) 815-6660</p>
<p>Metro District, Maplewood Lab Mike Evans, 651-366-5409 Fax 651-366-5408</p>	<p>Waters Edge Mat'ls (651) 234-7356 East Steve Reinardy (651) 755-1581 Mike Sroga (651) 775-0997 West Greg Bohmert (651) 775-1005 Dave Wilkerling (651) 775-1042</p>
<p>District 6, Rochester Ken DeCramer, 507-286-7580 Ken Pickett, 507-286-7586 Brad Horn, 507-286-7535 Fax 507-285-7112</p>	<p>Brandon Weick (507) 286-7584 Cell (507) 251-0138</p>
<p>District 7, Mankato Mark Schoeb, 507-304-6186 Scott Swanson, 507-304-6189 Fax 507-304-6191</p>	<p>Mitch Jordahl (507) 304-6187 Cell (507) 380-9619 Brian Lueck (507) 304-6188 Cell (507) 380-8248</p>
<p>District 8A, Willmar Jay Jorgensen, 320-214-6345 Fax 320-214-6306 District 8B, Marshall Mark DeAustin, 507-537-2068 Fax 507-537-3802</p>	<p>Jon Vlaminck (320) 214-6348 Cell (320) 894-7409</p>

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 Processsed 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.

SCHEDULE OF PRICES

NOTICE TO BIDDERS

Particular note should be made in regard to the clarity of numerals (figures) and to the procedure for alterations and the required certificate as directed by Section 1301.

The following abbreviations may be used in item description and unit of measure in the Schedule of Prices.

A	Arch	JA	Jacked
A-S	Antiseepage	LIN FT	Linear Feet
AB	Asbestos Bonded	LG	Long
ACT	Actuated	MAINT	Maintenance
AGG	Aggregate	MATL	Material
ALUM	Aluminum	MGM	1000 Board Feet
ASB	Asbestos	MET	Metal
ASPH	Asphaltic	MOD	Modification
ASSY	Assemblies	MPA	Metal Pipe Arch
B+B	Balled & Burlapped	MTD	Mounted
BC	Bituminous Coated	NON MET	Non Metallic
BIT	Bituminous	NON PERF	Non-Perforated
BLDG	Building	NON REINF	Non-Reinforced
BR	Bridge	OH	Overhead
CAL	Caliper	P-A	Pipe-Arch
CB	Catch Basin	PAVT	Pavement
CEM	Cement	PERF	Perofrated
C and G	Curb and Gutter	PL	Plate
CI	Cast Iron	PNEUM	Pneumatic
C-I-P	Cast-in-Place	PREC	Precast
CL	Class	PREST	Prestressed
COMM	Commercial	PVC	Poly Vinyl Chloride
CONC	Concrete	RCPA	Reinforced Concrete Pipe Arch
COND	Conductor	REINF	Reinforced
CONN	Connection	RELO	Relocation
CONST	Construct	RESTOR	Restoration
CONT	Continuously	RMC	Rigid Metallic Conduit
CP	Cattle Pass	RNMC	Rigid Non Metallic Conduit
CTD	Coated	RDWY	Roadway
CU FT	Cubic Feet	S-G	Sand & Gravel
CU YD	Cubic Yard	SIG	Signal
CULV	Culvert	SPE	Special
CWT	Hundred Weight	SQ FT	Square Feet
DES	Design	SQ YD	Square Yard
DBL	Double	STA	Station
DI	Drop Inlet	STD	Standard
DIAM	Diameter	STL	Steel
DRWY	Driveway	STKPL	Stockpile
EXC	Excavation	STR	Strength
EXP	Expansion	STRUCT	Structural
FAB	Fabric	SPPA	Structural Plate Pipe Arch
FE	Fence	SYS	System
FERT	Fertilizer	T	Traffic
F+I	Furnish & Install	TBR	Timber
FOUND	Foundation	TEMP	Temporary
FT LG	Feet Long	THERMO	Thermoplastic
FURN	Furnish	TRTD	Treated
GA	Gauge	UNDERGRD	Underground
GRAN	Granular	UNTRTD	Untreated
HI	High	VAR	Variable
INP	In Place	VM	Vehicular Measure
INST	Install	WEAR	Wearing

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.

<p>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...</p>	
<p>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:</p>	
(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, 181.13, 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 swear 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	
<p>By signing this document I certify that I am an owner or officer of the company, and I swear under oath that:</p> <p>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.</p>	
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 swear 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:	