

Minnesota Attorney General: Administrative Rules Proceedings

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Version 3
August 20, 2018

New

STATE OF MINNESOTA

DEPARTMENT OF TRANSPORTATION

TECHNICAL SERVICES DIVISION

STATEMENT OF FACTS
ESTABLISHING NEED AND
REASONABLENESS OF RULES

In the matter of the Proposed)
Adoption of Rules, Amendments)
and Deletions Governing the)
Rules for BRIDGE INSPECTION)
AND INVENTORY)

The Commissioner of Transportation has the authority to propose amendments, deletions and additions to the Rules for BRIDGE INSPECTION AND INVENTORY. Pursuant to Minnesota Statutes Section 174.50, Subdivision 7 the Commissioner appointed a 21 person committee composed of county commissioners, county engineers, city elected officials and city engineers to advise him as to proposed changes in the rules. The individuals serving on the committee were recommended to the Commissioner by the Association of Minnesota Counties and the League of Minnesota Municipalities. The committee met on December 14, 1989, and again on January 25, 1990. The results of those meetings are discussed further in this statement.

Solicitation of outside opinion concerning the possible adoption, amendment, suspension or repeal of rules relating to Minn. Stat., chs. 165.03 subd. 2 (Bridge Inspection and Inventory) Chapter 8810.9000 was published in the State Register on Monday, October 16, 1989.

Individual letters requesting comments were sent to County Engineers, City Engineers, Minnesota Legislators, Regional Development Commissioners, Metropolitan Councils, Department of

Transportation staff, Legislative Study Commission and other interested parties on October 11, 1989 and again on December 27, 1989.

The proposed adoption of rules, amendments and deletions governing the rules for BRIDGE INSPECTION AND INVENTORY contain changes to the existing Chapter 8810.9000 of the Minnesota Rules. The majority of these changes are minor in nature and are revised or rewritten for the purpose of clarity and to conform to statutes that have been revised or rewritten. All changes are discussed below.

Under 8810.9000 DEFINITIONS:

The definition of "Bridge" was changed from a structure measuring 20 feet along the center of the roadway to a structure measuring 10 feet along the center of the roadway. This was revised to conform to Minnesota Statutes Section 161.081, Subdivision 2a.

The definition of "Bridge Inspector's Training Manual" was amended to clearly identify that it is the training manual published by the Federal Highway Administration referred to in these rules.

Under 8810.9100 PURPOSE AND SCOPE:

Reference to year the Minnesota legislature last amended Minnesota Statutes, chapter 165, with reference to the inspection and inventory of bridges in the state of Minnesota was deleted.

Under 8810.9200 INSPECTION AND INVENTORY STANDARDS:

For clarity, the phrase "Application of" was added to the title of this section preceding the existing phrase "Inspection and Inventory Standards".

The word "rights" was corrected to read "right of way" to conform to "right-of-way" as used previously in this paragraph.

The statement that bridges on recreation trails used only by pedestrians, bicycles and recreational vehicles were "not included in these rules" was changed to state that said bridges "are excluded from these rules except for those bridges over or under a public highway or street." Pedestrian, bicycle and recreational bridges over or under a public road or street are required to be included in the inventory of bridges and are required to be inspected and rated by the responsible roadway authority as cited in Minnesota Statutes Chapter 165.03 Subd. 2.

Under 8810.9300 PERSONNEL:

For clarity, the title of this section was changed from "Personnel" to "Responsibility and Qualifications" to emphasize the qualifications required to be a certified bridge inspector.

Under Subp. 2, "Qualifications", the qualifications of the individual in charge of the bridge inspection and inventory for each organizational unit was expanded to include the following statement: "or, have current certification as a Level III or IV Bridge Safety

Inspector under the National Society of Professional Engineer's program for National Certification in Engineering Technologies (NICET) or be certified by the commissioner of transportation as a Bridge Safety Inspector".

Under 8810.9400 FREQUENCY OF INSPECTIONS AND INVENTORY:

In Subp. 1, "Inspection", a reference to a specific section, "section 2.3" of the AASHTO manual was deleted, as the AASHTO manual could be revised thus causing the specific reference in the rule to be in conflict with the AASHTO manual.

In Subp. 1, the location of the section delineating the bridge inspection responsibilities of the engineer was changed from "8810.9000" to "8810.9300 subpart 1."

Under 8810.9500 INSPECTION REPORTS AND RATINGS:

In Subp. 1, "Inspection", a reference to a specific section, "section 2.5" of the AASHTO manual was deleted. Here again, the AASHTO manual could be revised thus causing the specific reference in the rule to be in conflict with the AASHTO manual.

In Subp. 2, "Ratings", the first sentence was clarified to state that the structure inventory sheet form shall be "provided by the commissioner of transportation."

In Subp. 2, "Ratings", a minor grammatical correction was made in the second sentence to include the word "the" before the phrase

"condition of the structure."

Under 8810.9800 RECOMMENDATIONS REGARDING SHORT BRIDGES:

This entire section was deleted. Previously bridges were defined as having an opening of 20 feet measured horizontally along the center of the roadway and structures less than 20 feet were not considered bridges per se. There were instances when structures under 20 feet in length were important to the road system and therefore inspection, rating and posting were recommended. Changing the definition of a bridge from 20 feet to 10 feet measured horizontally along the center of the roadway negates the necessity of this statement. All structures 10 feet and longer are now considered bridges.

THE NOTICE OF INTENT TO SOLICIT OUTSIDE OPINIONS CONCERNING THE POSSIBLE ADOPTION, AMENDMENT, SUSPENSION OR REPEAL OF RULES RELATING TO MINNESOTA STATUTES SECTION 165.03, SUBD. 2 INSPECTION AND INVENTORY, WAS PRINTED IN THE STATE REGISTER ON OCTOBER 16, 1989. THE FOLLOWING COMMENTS HAVE BEEN RECEIVED SUBSEQUENT TO THE NOTICE.

October 18, 1989. A telephone call from Mr. Robert Kurpius, Assistant Traffic Engineer, Operations, Office of Traffic Engineering, Department of Transportation, stated that under 8810.9300 Subp. 2 the plural word "qualifications" in the first sentence of the second paragraph should be changed to the singular word "qualification". RESPONSE: We believe the plural is correct since one of the options contains two requirements (experience and training).

October 23, 1989. A letter from Mr. Dale D. Wegner, Jr., Brown County Highway Engineer, stated that under 8880.9000 - I agree with all the changes to 8810.9000 except 8810.9300, the addition of certified technicians being allowed to head an inspection. I have extensive experience in the bridge inspection field and I have helped teach at bridge inspection schools in the past and have found that if the individual does not have some knowledge of structural engineering, they may never understand what to look for during an inspection. We had some individuals take the same school three times or more and still not grasp what we wanted them to look for. RESPONSE: If a technician can pass the certification he or she should be qualified to head the inspection. They are still under the supervision of an engineer. The only change to the qualifications is the addition of the certification option.

October 25, 1989. A letter from the Hennepin County Department of Public Works stated that under 8810.9000 Subp. 2 - These changes will not affect Hennepin County since we already are inspecting 10-foot bridges. Hennepin County also stated that under 8810.9200 there was a typographical error in the first sentence and the phrase "rights" of any street should be changed to "right-of-way" of any street. Hennepin County also stated that under 8810.9300 Subp. 2 - Clarification is needed for the proposed change to paragraph 2, adding an alternative method of fulfilling the requirements for the individual in charge of the inspection team. If we understand it correctly, there are three ways in which one could qualify as head of an inspection team. This would be more clear if the alternates were numbered or if the word "or" on line 3 of the paragraph were

left in. RESPONSE: The change from "rights" of any street to "right-of-way" was made in the final rules of 8810.9200. The word "or" was retained in the final rules of 8810.9300 Subp. 2, and an additional option was added "or be certified by the commissioner of transportation as a Bridge Safety Inspector."

October 26, 1989. A memo from Mr. John Allen, Construction and Maintenance Engineer, Office of Bridges and Structures, Department of Transportation, stated that under 8810.9500 Subp. 1, the reference to "section 2.5" in the first sentence should be changed to "section 2.4" so that the first sentence would then read as follows: Subp. 1. Inspection. The items to be inspected and reported on the bridge inspection report form shall include but not be limited to those items specified in section 2.4 of the AASHTO manual. RESPONSE: In the final rules of 8810.9500 Subp. 1, the reference in this sentence to a specific section was deleted, so that the final text reads "The items to be inspected and reported on the bridge inspection report form shall include but not be limited to those items specified "in the AASHTO manual."

October 27, 1989. A letter from Mr. Douglas E. Haeder, P.E., Pipestone County Highway Engineer stated - In response to your Notice of October 11, 1989, the following comment is offered: 8810.9300 Responsibility and Qualifications - Subp. 2 - Qualifications. I object to the deletion of the word "or" in the third line of the second paragraph. I believe that being a registered professional engineer in the State of Minnesota should stand alone as acceptable qualifications to be in charge of the inspection team. RESPONSE: See comments made to Hennepin County's

letter of October 25, 1989.

October 27, 1989. A letter from Mr. Allan Kehr, Assistant City Engineer, City of Virginia, stated that under 8810.9000 Definitions Subp. 2 Bridge - lines 4 through 10 - I have no idea what this is trying to say. Perhaps a drawing or drawings is in order to show what is meant. At least simplify the criteria. Mr. Kehr added - Why is the language here different than the language of the Bridge Construction and Reconstruction Rules? Mr. Kehr commented on 8810.9000 Subp. 4, "Inspection" concerning the phrase "examining a structure." He asked how will this be done, - visually? Mr. Kehr commented on 8810.9200 "Application of Inspection and Inventory Standards". - Very wordy! It might be easier to state what it doesn't govern. Mr. Kehr stated under 8810.9300 Subp. 2, "Qualifications" - Experience means little if anything. I have people working for me that have +30 years of experience doing their jobs wrong. Mr. Kehr stated that the existing phrase in lines three through five of the second paragraph "~~or~~ have a minimum of five years experience in Bridge inspection assignments in a responsible capacity" should be replaced by the phrase "or have a certificate in Civil Engineering Technology CCET." Mr. Kehr commented on 8810.9400 "Frequency of Inspections and Inventory" Subp. 1 - Inspection. He stated that in the last sentence the reference to a specific number should be changed from "part 8810.9000" to "part 8810.9300 Subp. 1" so that the last sentence would then read - The evaluation of these factors will be the responsibility of the engineer assigned the responsibility for inspection as defined in part 8810.9300 Subpart 1. RESPONSE: The language in 8810.9000 is the same as AASHTO and FHWA. The language in 8810.9000 must be different from 8810.8000 to

restrict funding to eligible bridges. A single definition will be used for both but a Subp. 3 will be added to 8810.8000 describing bridges eligible for funding by the State Transportation Fund. Regarding 8810.9000, Subp. 4 "Inspection": Depending on the situation, different methods of inspection are appropriate. A complete discussion would be lengthy and unnecessary. Regarding 8810.9200 "Application of Inspection and Inventory Standards": We believe that the language is necessary. This does apply to any bridge over or under a public street. Regarding 8810.9300 Subp. 2 "Qualifications": See comments made to Dale Wegner's letter of October 23, 1989 and Hennepin County's letter of October 25, 1989. Regarding 8810.9400 Frequency of Inspections and Inventory Subp. 1 - "Inspection": In the final rules the reference in the last sentence was changed from "part 8810.9000" to "part 8810.9300 Subp. 1."

October 30, 1989. A letter from Mr. Luthard Hagen, P.E., Lincoln County Highway Engineer, stated that under 8810.9200 - Clarification may be needed because it sounds like all structures including bike ramps and walkways are now included. It was Mr. Hagen's understanding that all these structures were not included before. RESPONSE: See comments made to Allan Kehr's letter of October 27, 1989, regarding 8810.9200.

November 6, 1989. A letter from Mr. Ramankutty Kannankutty, P.E., Director, Engineering Design, Minneapolis Department of Public Works, stated that under 8810.9000 Subp. 2, "Definitions" - The last sentence of the "Bridge" definition excludes railroad bridges over or under a public highway or street. Does this mean an actual paved

roadway or is it referencing public right-of-way that might be used for streets or highways in the future? Mr. Ramankutty stated that under 8810.9000 Subp. 3 - The "Bridge Inspector's Training Manual" is not written in the form of a definition. Mr. Ramankutty stated that under 8810.9300 Subp. 2 "Qualifications" - We offer the following suggestions: The individual in charge shall have one of the following qualifications: 1. Be registered as a Professional Engineer and have completed FHWA's Bridge Inspection Course, or 2. If not registered as an engineer, but is an Engineer-in-Training, have a minimum of four years experience in bridge inspection, or bridge design or bridge construction assignments or a combination thereof and has completed FHWA's course on bridge inspection, or 3. Have current certification as a Level III or IV Bridge Safety Inspector under the National Society of Professional Engineer's Program for National Certification in Engineering Technologies (NICET.) Provisions should be made in the implementation of the proposed rule changes that will provide training opportunities for non-engineers to obtain certification as a Level III or IV Bridge Safety Inspector. The new rules should allow for the "grandfathering" of current inspection personnel. With such a major change in the rule, provisions for a target effective date to allow cities time to comply with the rule should be provided. RESPONSE: Regarding 8810.9000 Subp. 2 "Definitions": "Public highway or street" are defined by law and would not include public right of way not currently being used by the public. Regarding 8810.9000 Subp. 3: In the final rules the definition of the Bridge Inspector's Training Manual was clarified to include the phrase "which is the training manual published by the Federal Highway Administration." Regarding 8810.9300 Subp. 2,

"Qualifications": See comments made to Dale Wegner's letter of October 23, 1989 and to Hennepin County's letter of October 25, 1989.

November 6, 1989. A letter from Mr. Kenneth E. Weltzin, P.E., Ramsey County Department of Public Works stated that under 8810.9200 - Lines eleven and twelve should read: All railroad bridges are excluded unless under the jurisdiction of a local unit of government. Mr. Weltzin stated that - The last line, line 16, should be changed to: "except for those bridges on State-Aid rights-of-way." Mr. Weltzin stated under 8810.9300 Subp. 2 "Responsibility and Qualifications" - The second paragraph should read: The individual in charge of the inspection team shall have the following qualifications: be registered in the State of Minnesota as a professional engineer, or have current certification as a Level III or IV Bridge Safety Inspector under the National Society of Professional Engineers' program for National Certification in Engineering Technologies (NICET). RESPONSE: Regarding 8810.9200: See comments made to Allan Kehr's letter of October 27, 1989. Regarding 8810.9300 Subp. 2: See comments made to Hennepin County's letter of October 25, 1989. Also, note that the NICET Certification is included as one option in the final rules under 8810.9300 Subp. 2.

November 7, 1989. A memo from Mr. John Allen, Construction and Maintenance Engineer, Office of Bridges and Structures, Department of Transportation, stated that under 8810.9300 Subp. 2 - The word "or" should not be deleted after the words "The individual in charge of the inspection team shall have the following qualifications; be

registered in the state of Minnesota as a professional engineer; ~~or~~..." RESPONSE: See comments made to Hennepin County's letter of October 25, 1989.

December 5, 1989. A memo from Mr. John Allen, Construction and Maintenance Engineer, Office of Bridges and Structures, Department of Transportation, stated several typographical and grammatical revisions. These revisions were suggested as follows - Under 8810.9000 Subp. 4: In the first sentence, insert a comma between the words "structure" and "evaluating" so that the first part of the sentence shall read as follows: Subp. 4. "Inspection". The term "inspection" shall mean examining a structure , evaluating..." Mr. Allen stated that in the first sentence of 8810.9200, the phrase "rights of any street" should be changed to "right-of-way" of any street so that the middle part of the first sentence would then read "...or which are located wholly or partially within or over the right-of-way of any street located within or along municipal limits,..." Under 8810.9200: Mr. Allen stated that in the second sentence, the word "to" should be changed to the word "or" so that the sentence would then read - All railroad bridges are excluded from these rules except for railroad bridges over or under a public highway or street. Under 8810.9300 Subp. 2 Mr. Allen stated that in the first sentence, the word "or" should not be deleted after the phrase "professional engineer" so that the first part of the sentence would then read "The individual in charge of the inspection team shall have the following qualifications; be registered in the state of Minnesota as a professional engineer; or have a minimum of five year years experience in bridge inspection assignments in a responsible capacity..." Under 8810.9400 Subp. 1, Mr. Allen stated

that in the last sentence the statement "as defined in part 8810.9000" should be changed to "as defined in 8810.9300, Subpart 1" so that the last sentence would then read "The evaluation of these factors will be the responsibility of the engineer assigned the responsibility for inspection as defined in part 8810.9300 Subpart 1. RESPONSE: Regarding 8810.9000 Subp. 4: the comma was inserted in the final rules between the words "structure" and "evaluating". Regarding 8810.9200: See comments made to Hennepin County's letter of October 25, 1989. Regarding 8810.9200: In the second sentence of the final rules, the word "to" was changed to the word "or". Regarding 8810.9300 Subp. 2: See comments made to Hennepin County's letter of October 25, 1989. Regarding 8810.9400 Subp. 1: See comments made to Allan Kehr's letter of October 27, 1989.

December 7, 1989. A memo from Mr. John Allen, Construction and Maintenance Engineer, Office of Bridges and Structures, Department of Transportation, suggested a grammatical revision. Under 8810.9000 Subp. 2, "Bridge", Mr. Allen stated that in the first sentence the word "such" should be inserted between the phrases "obstruction" and "as water", so that the sentence would then read - Subp. 2. Bridge. "Bridge" means a bridge is defined as a structure including supports erected over a depression or an obstruction, such as water, highway, or railway...RESPONSE: The word "such" was included in the final rules for 8810.9000 Subp. 2.

December 8, 1989. A letter from Mr. James C. Tillitt, P.E., President, Tillitt and Associates Consulting Engineers, stated that under 8810.9300 Subp. 2 - We are Registered Structural Engineers in

the State of Minnesota and have provided Engineering Design and Bridge Inspection Services for over 20 years for MD&W as well as other clients. We feel we have the expertise to conduct the bridge inspection but have not completed a "comprehensive training course" or have been certified as Level III or IV Bridge Safety Inspectors. We request that the word "or" be retained in the third sentence of the second paragraph on page 5 of the rules. RESPONSE: See comments made to Hennepin County's letter of October 25, 1989.

December 26, 1989. A memo from Mr. John Allen, Construction and Maintenance Engineer, Office of Bridges and Structures, Department of Transportation, stated that under 8810.9300 Subp. 2 - The last sentence in the second paragraph is deficient as it does not state whose certification program is acceptable. As it now reads, anyone's program is acceptable. I would favor the retention of the NICET option specifically as it was recently added to NBIS. Current certification by the Commissioner of Transportation could be added as a fourth option if it is necessary to avoid future rule changes. RESPONSE: See comments made to Hennepin County's letter of October 25, 1989.

January 25, 1990. A memo from Mr. D.J. Flemming, State Bridge Engineer, Department of Transportation, stated that under 8810.9300 the phrase in the last sentence which reads "or have certification as approved by the commissioner of transportation" should be changed to read "or be certified by the commissioner of transportation as a Bridge Inspector." Under 8810.9000 Subp. 2 Mr. Flemming stated - The Illustration on Bridge Measurement entitled "Eligible Structures" was attached to the wrong section according to the

verbiage in 8810.9000. It should be attached to both sections. RESPONSE: Regarding 8810.9300: See comments made to Hennepin County's letter of October 25, 1989. Regarding 8810.9000 Subp. 2: This illustration was deleted in the final rules under 8810.9000 Subp. 2.

Undated letter from Mr. Richard Larson, Mille Lacs County Highway Engineer, discussed 8810.9300 Subp. 2. Mr. Larson stated - If the word "or" were deleted, as proposed, between the phrases "be registered in the state of Minnesota as a professional engineer, ~~or~~ have a minimum of five years experience in bridge inspection assignments in a professional capacity..." that most new County Engineers could not meet this requirement. RESPONSE: See comments made to Hennepin County's letter of October 25, 1989.

Undated letter from Mr. David S. Heyer, P.E., Becker County Highway

Engineer, stated that under 8810.9000 Subp. 2 - I fully support the change in definition from 20 feet to 10 feet. Under 8810.9300 Subp. 2, Mr. Heyer stated that - The beginning of the second paragraph refers to the "individual in charge..." This needs more clarification as to what is being referred to. Is it, say, the County Highway Engineer, or is it the inspection team leader in the field? RESPONSE: Regarding 8810.9000 Subp. 2, Thank you. Regarding 8810.9300 Subp. 2: See comments made to Dale Wegner's letter of October 23, 1989.

Undated memo from Mr. Raymond P. Cekalla, State Aid Bridge Unit, Office of Bridges and Structures, Department of Transportation,

recommended three grammatical revisions under 8810.9000 Subp. 2. In the first sentence of 8810.9000, Mr. Cekalla recommended including a comma after the word "structure"; including a comma after the word "supports"; and adding the word "such" after the word "obstruction" so that the first part of the first sentence would then read: Subp. 2. Bridge. "Bridge" means a bridge is defined as a structure, including supports, erected over a depression or an obstruction such as water, highway, or railway..." Under 8810.9200: Mr. Cekalla suggested changing the word "to" to the word "or" so that the sentence would then read "All railroad bridges are excluded from these rules except for railroad bridges over or under a public highway or street." RESPONSE: In the final rules for 8810.9000 Subp. 2, the word "such" was added, but the two additional commas were not added. Regarding 8810.9200: See comments made to John Allen's letter of December 5, 1989.

DATE 10/26/90

LEONARD W. LEVINE,

Commissioner

RULE REVIEW CHECKLIST

File No. 1737
DATE RECEIVED 9-17-90
REVIEW DATE 9-27-90
DUE DATE 10-1-90
(DIS)APPROVED
WITHDRAWN

Docket No. 05 0009 0799
ADOPTED W/O HEARING ✓
EMERGENCY RULE
TO REVISOR ON 9-20-90
REVISOR (DIS)~~APPROVED~~ Dec 11, 1991
FILED W/SEC. OF STATE
RETURNED TO AGENCY

✓ Rule as adopted (4 copies)

✓ Notice to Solicit Outside Information/Opinion (if applicable)

Oct 16, 1989 Date published in State Register

Comments

~~Board's Authorizing Resolution~~

~~Date adopted~~

✓ Proposed Rule

✓ Revisor's Certificate

✓ Notice of Intent to Adopt Rule

165.03 subd 2 Statutory Authority

NA ~~Small Business~~ Statement

NA Expenditure of public money statement

4-23-90 Signature

✓ Statement of Need and Reasonableness (if applicable)

NA Small Business Statement

Fees - § 16A.128

✓ Affidavit of Mailing Notice of Intent to Adopt Rule

July 3, 1990 Dated (30)/25 days before adoption

✓ Notice attached indicates it is attached

Copy of rule or summary attached

✓ Publication in State Register

May 14, 1990 Date (30)/25 days before adoption

✓ 180-day deadline from:

NA Effective date of law requiring rule

✓ (14.12) (both rules) Amendments end of comment period (§ 14.26) (rules without hearing)

effective date of statutory authority (§ 14.29) (emergency rules)

~~Resolution Adopting~~

~~August 23, 1990~~ Date adopted

✓ Findings of Fact, Conclusions & Order Adopting

August 23, 1990 Date

✓ Comments

✓ Declaration of Attorney

Don meeting ~~August 23, 1990~~ ~~Name~~ of SAAG representing agency

~~Notice of Submission to Attorney General (if applicable)~~

~~Affidavit of Mailing Notice to Attorney General (if applicable)~~

DEPARTMENT: Office of the Attorney General **STATE OF MINNESOTA**

OFFICE MEMORANDUM

DATE: December 17, 1990

TO: DENNIS CARLSON
Director
Office of State Aid

FROM: CHARLENE HATCHER
Special Assistant Attorney General
525 Park Street, Suite 500 (55103)

PHONE: 296-9422

SUBJECT: In the Matter of the Adopted Rule Relating to
Bridge Inspection and Inventory

The above-referenced rule has been approved as to its legality by the Attorney General on December 11, 1990.

Enclosed is your copy of the approved rule. This office has already filed two copies with the Secretary of State, who will forward one copy to the Revisor of Statutes. The fourth is being retained by this division of the Attorney General's Office for its records.

Also enclosed are any petitions, requests, submissions or comments along with any extra copies of documents which you submitted to the Attorney General.

Your next step is to arrange for publication of the Notice of Adoption in the State Register. In a day or two, you should receive from the Revisor's Office three copies of tne notice of adoption of your rule. You should submit two copies of the Notice of Adoption to the State Register for publication. A permanent rule without a hearing does not become effective until five days after a notice of adoption is published in the State Register in accordance with Minn. Stat. § 14.27. An emergency rule becomes effective five working days after approval by the Attorney General; however, the agency must publish a notice in the State Register in accordance with Minn. Stat. § 14.34.

If you have any questions in this regard, please contact me.

CH:sc
Enclosures
cc: William Brown, Chief Judge
MaryAnn Hruby
Don Mueting

DEPARTMENT: Office of the Attorney General **STATE OF MINNESOTA**

OFFICE MEMORANDUM

DATE: December 12, 1990

TO: GORDON M. FAY
Director
Office of State Aid

FROM: CHARLENE HATCHER
Special Assistant Attorney General
525 Park Street, Suite 500 (55103)

PHONE: 296-9422

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CH:sc
Enclosures
cc: William Brown, Chief Judge
MaryAnn Hruby
Don Mueting

Charlene - Jordy Fay retired. The new State-Aid engineer is Dennis Carlson.

Don M.

RULE REVIEW CHECKLIST
RESUBMITTED RULE

File No. 1737 Docket No. 05 0009 0799

RESUBMISSION DATE 11-27-90
DATE DUE ~~12~~ 12-11-90

ADOPTED W/O HEARING _____
EMERGENCY RULE _____

APPROVED 12-11-90
DISAPPROVED _____
WITHDRAWM _____

REVISOR APPROVED _____
REVISOR DISAPPROVED _____
FILED W/SEC. STATE _____
RETURNED TO AGENCY _____

____ **Does the revision raise significant new legal issues?**

_____ Review date

__✓__ Rule as adopted (4 copies)

____ Supplemental Findings of Fact, Conclusions & Order Adopting

____ Board's Supplemental Resolution Adopting

____ Notice of submission to Attorney General

____ Affidavit of Mailing Notice to Attorney General

old

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STATE OF MINNESOTA

DEPARTMENT OF TRANSPORTATION

TECHNICAL SERVICES DIVISION

STATEMENT OF FACTS
ESTABLISHING NEED AND
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The definition of "Bridge Inspector's Training Manual" was clarified to explain that it is the training manual published by the Federal Highway Administration.

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Reference to year the Minnesota legislature last amended Minnesota Statutes, chapter 165, with reference to the inspection and inventory of bridges in the state of Minnesota, was deleted.

Under 8810.9200 INSPECTION AND INVENTORY STANDARDS:

For clarity, the phrase "Application of" was added to the title of this section preceding the existing phrase "Inspection and Inventory Standards". Qualifications were itemized.

The word "rights" was corrected to read "right of way" to conform to "right-of-way" as used previously in this paragraph.

The statement that bridges on recreation trails used only by pedestrians, bicycles and recreational vehicles were "not included in these rules" was changed to state that said bridges "are excluded from these rules except for those bridges over or under a public highway or street."

Under 8810.9300 PERSONNEL:

For clarity, the title of this section was changed from "Personnel" to "Responsibility and Qualifications".

Under Subp. 2, "Qualifications", the qualifications of the individual in charge of the bridge inspection and inventory for each organizational unit was expanded to include the following statement: " have current certification as a Level III or IV Bridge Safety Inspector under the National Society of Professional Engineer's program for National Certification in Engineering Technologies (NICET) or be certified by the commissioner of transportation as a Bridge Safety Inspector".

Under 8810.9400 FREQUENCY OF INSPECTIONS AND INVENTORY:

In Subp. 1, "Inspection", a reference to a specific section, "section 2.3" of the AASHTO manual was deleted, as the AASHTO manual could be revised thus causing the specific reference in the rule to be in conflict with the AASHTO manual.

In Subp. 1, the location of the section delineating the bridge inspection responsibilities of the engineer was changed from "8810.9000" to "8810.9300 Subpart 1."

Under 8810.9500 INSPECTION REPORTS AND RATINGS:

In Subp. 1, "Inspection", a reference to a specific section, "section 2.5" of the AASHTO manual was deleted. Here again, the AASHTO manual could be revised thus causing the specific reference in the rule to be in conflict with the AASHTO manual.

In Subp. 2, "Ratings", the first sentence was clarified to state that the structure inventory sheet form shall be "provided by the commissioner of transportation."

In Subp. 2, "Ratings", a minor grammatical correction was made in the second sentence to include the word "the" before the phrase "condition of the structure."

Under 8810.9800 RECOMMENDATIONS REGARDING SHORT BRIDGES:

This entire section was deleted.

THE NOTICE OF INTENT TO SOLICIT OUTSIDE OPINIONS CONCERNING THE POSSIBLE ADOPTION, AMENDMENT, SUSPENSION OR REPEAL OF RULES RELATING TO MINNESOTA STATUTES SECTION 165.03, SUBD. 2 INSPECTION AND INVENTORY, WAS PRINTED IN THE STATE REGISTER ON OCTOBER 16, 1989. THE FOLLOWING COMMENTS HAVE BEEN RECEIVED SUBSEQUENT TO THE NOTICE.

October 18, 1989. A telephone call from Mr. Robert Kurpius, Assistant Traffic Engineer, Operations, Office of Traffic Engineering, Department of Transportation, stated that under 8810.9300 Subp. 2 the plural word "qualifications" in the first sentence of the second paragraph should be changed to the singular word "qualification". RESPONSE: We believe the plural is correct since one of the options contains two requirements (experience and training).

October 23, 1989. A letter from Mr. Dale D. Wegner, Jr., Brown County Highway Engineer, stated that under 8880.9000 - I agree with all the changes to 8810.9000 except 8810.9300, the addition of certified technicians being allowed to head an inspection. I have extensive experience in the bridge inspection field. I have helped teach at bridge inspection schools in the past and have found that if the individual does not have some knowledge of structural engineering, they may never understand what to look for during an inspection. We had some individuals take the same school three times or more and still not grasp what we wanted them to look for. RESPONSE: If a technician can pass the certification he or she should be qualified to head the inspection. They are still under the supervision of an engineer. The only change to the qualifications is the addition of the certification option.

October 25, 1989. A letter from the Hennepin County Department of Public Works stated that under 8810.9000 Subp. 2 - These changes will not affect Hennepin County since we already are inspecting 10-foot bridges. Hennepin County also stated that under 8810.9200 there was a typographical error in the first sentence and the phrase "rights" of any street should be changed to "right-of-way" of any street. RESPONSE: The change from "rights" of any street to "right-of-way" was made in the final rules of 8810.9200. Hennepin County also stated that under 8810.9300 Subp. 2 - Clarification is needed for the proposed change to paragraph 2, adding an alternative method of fulfilling the requirements for the individual in charge of the inspection team. If we understand it correctly, there are three ways in which one could qualify as head of an inspection team. This would be more clear if the alternates were numbered or if the word "or" on line 3 of the paragraph were left in. RESPONSE: The word "or" was retained in the final rules of 8810.9300 Subp. 2, and an additional option was added "or be certified by the commissioner of transportation as a Bridge Safety Inspector."

October 26, 1989. A memo from Mr. John Allen, Construction and Maintenance Engineer, Office of Bridges and Structures, Department of Transportation, stated that under 8810.9500 Subp. 1, the reference to "section 2.5" in the first sentence should be changed to "section 2.4". RESPONSE: In the final rules of 8810.9500 Subp. 1, the reference in this sentence to "section 2.5" was deleted, so that if the AASHTO Manual is revised the rules will still be in conformance.

October 27, 1989. A letter from Mr. Douglas E. Haeder, P.E., Pipestone County Highway Engineer stated : 8810.9300 Responsibility and Qualifications - Subp. 2 - Qualifications. I object to the deletion of the word "or" in the third line of the second paragraph. I believe that being a registered professional engineer in the State of Minnesota should stand alone as acceptable qualifications to be in charge of the inspection team. RESPONSE: See comments made to Hennepin County's letter of October 25, 1989.

October 27, 1989. A letter from Mr. Allan Kehr, Assistant City Engineer, City of Virginia, stated that under 8810.9000 Definitions Subp. 2 Bridge - lines 4 through 10 - I have no idea what this is trying to say. Perhaps a drawing or drawings is in order to show what is meant. At least simplify the criteria. RESPONSE: Illustrations of measurements are shown under 8810.8000, Figures 1 through 4. Mr. Kehr added - Why is the language here different than the language of the Bridge Construction and Reconstruction Rules? RESPONSE: The language in 8810.9000 must be different from 8810.8000 to restrict funding to eligible bridges. A single definition will be used for both but a Subp. 3 will be added to 8810.8000 describing bridges eligible for funding by the State Transportation Fund. Mr. Kehr commented on 8810.9000 Subp. 4, "Inspection" concerning the phrase "examining a structure." He asked how ? - visually? RESPONSE: We feel the definition of the term "inspection" is adequate. Mr. Kehr commented on 8810.9200 "Application of Inspection and Inventory Standards". - Very wordy! It might be easier to state what it doesn't govern. RESPONSE: We feel the revised language is adequate. Mr. Kehr stated that under 8810.9300 Subp. 2, "Qualifications" - Experience means little if

anything. I have people working for me that have +30 years of experience doing their jobs wrong. Mr. Kehr stated that the existing phrase in lines three through five of the second paragraph "~~or~~ have a minimum of five years experience in Bridge inspection assignments in a responsible capacity" should be replaced by the phrase "or have a certificate in Civil Engineering Technology (CET)." RESPONSE: See comments made to Dale Wegner's letter of October 23, 1989 and Hennepin County's letter of October 25, 1989. Mr. Kehr commented on 8810.9400 "Frequency of Inspections and Inventory" Subp. 1 - Inspection. He stated that in the last sentence the reference to a specific number should be changed from "part 8810.9000" to "part 8810.9300 Subp. 1". RESPONSE: In the final rules the reference in the last sentence was changed from "part 8810.9000" to "part 8810.9300 Subp. 1."

October 30, 1989. A letter from Mr. Luthard Hagen, P.E., Lincoln County Highway Engineer, stated that under 8810.9200 - Clarification may be needed because it sounds like all structures including bike ramps and walkways are now included. It was Mr. Hagen's understanding that all these structures were not included before. RESPONSE: These are included if over a public right-of-way.

November 6, 1989. A letter from Mr. Ramankutty Kannankutty, P.E., Director, Engineering Design, Minneapolis Department of Public Works, stated that under 8810.9000 Subp. 2, "Definitions" - The last sentence of the "Bridge" definition excludes railroad bridges over or under a public highway or street. Does this mean an actual paved roadway or is it referencing public right-of-way that might be used for streets or highways in the future? RESPONSE: Regarding

8810.9000 Subp. 2 "Definitions": "Public highway or street" are defined by law and would not include public right of way not currently being used by the public. Mr. Kannankutty stated that under 8810.9000 Subp. 3 - The "Bridge Inspector's Training Manual" is not written in the form of a definition. RESPONSE: In the final rules the definition of the Bridge Inspector's Training Manual was clarified to include the phrase "which is the training manual published by the Federal Highway Administration." Mr. Kannankutty stated that under 8810.9300 Subp. 2 "Qualifications" - We offer the following suggestions: The individual in charge shall have one of the following qualifications: 1. Be registered as a Professional Engineer and have completed FHWA's Bridge Inspection Course, or 2. If not registered as an engineer, but is an Engineer-in-Training, have a minimum of four years experience in bridge inspection, or bridge design or bridge construction assignments or a combination thereof and has completed FHWA's course on bridge inspection, or 3. Have current certification as a Level III or IV Bridge Safety Inspector under the National Society of Professional Engineer's Program for National Certification in Engineering Technologies (NICET.) Provisions should be made in the implementation of the proposed rule changes that will provide training opportunities for non-engineers to obtain certification as a Level III or IV Bridge Safety Inspector. The new rules should allow for the "grandfathering" of current inspection personnel. With such a major change in the rule, provisions for a target effective date to allow cities time to comply with the rule should be provided. RESPONSE: See comments made to Dale Wegner's letter of October 23, 1989 and to Hennepin County's letter of October 25, 1989.

November 6, 1989. A letter from Mr. Kenneth E. Weltzin, P.E., Ramsey County Department of Public Works stated that under 8810.9200 - Lines eleven and twelve should read: All railroad bridges are excluded unless under the jurisdiction of a local unit of government. Mr. Weltzin stated that - The last line, line 16, should be changed to: "except for those bridges on State-Aid rights-of-way." RESPONSE: See comments made to Allan Kehr's letter of October 27, 1989. Mr. Weltzin stated under 8810.9300 Subp. 2 "Responsibility and Qualifications" - The second paragraph should read: The individual in charge of the inspection team shall have the following qualifications: be registered in the State of Minnesota as a professional engineer, or have current certification as a Level III or IV Bridge Safety Inspector under the National Society of Professional Engineers' program for National Certification in Engineering Technologies (NICET). RESPONSE: See comments made to Hennepin County's letter of October 25, 1989. Also, note that the NICET Certification is included as one option in the final rules under 8810.9300 Subp. 2.

November 7, 1989. A memo from Mr. John Allen, Construction and Maintenance Engineer, Office of Bridges and Structures, Department of Transportation, stated that under 8810.9300 Subp. 2 - The word "or" should not be deleted in the third line of the second paragraph. RESPONSE: It was not deleted in the final document.

December 5, 1989. A memo from Mr. John Allen, Construction and Maintenance Engineer, Office of Bridges and Structures, Department of Transportation, denoted several typographical and grammatical revisions. RESPONSE: These revisions were made. Under 8810.9400

Subp. 1, Mr. Allen stated that in the last sentence the statement "as defined in part 8810.9000" should be changed to "as defined in 8810.9300, Subpart 1". RESPONSE: The change was made.

December 7, 1989. A memo from Mr. John Allen, Construction and Maintenance Engineer, Office of Bridges and Structures, Department of Transportation, suggested a grammatical revision. Under 8810.9000 Subp. 2, "Bridge", Mr. Allen stated that in the first sentence the word "such" should be inserted between the phrases "obstruction" and "as water". RESPONSE: The word "such" was included in the final rules.

December 8, 1989. A letter from Mr. James C. Tillitt, P.E., President, Tillitt and Associates Consulting Engineers, Minneapolis, Minnesota stated that under 8810.9300 Subp. 2 - We are Registered Structural Engineers in the State of Minnesota and have provided Engineering Design and Bridge Inspection Services for over 20 years for MD&W as well as other clients. We feel we have the expertise to conduct the bridge inspection but have not completed a "comprehensive training course" or have been certified as Level III or IV Bridge Safety Inspectors. We request that the word "or" be retained in the third sentence of the second paragraph on page 5 of the rules. RESPONSE: The word "or" has been retained in the final draft.

December 26, 1989. A memo from Mr. John Allen, Construction and Maintenance Engineer, Office of Bridges and Structures, Department of Transportation, stated that under 8810.9300 Subp. 2 - The last sentence in the second paragraph is deficient as it does not state

whose certification program is acceptable. As it now reads, anyone's program is acceptable. I would favor the retention of the NICET option specifically as it was recently added to NBIS. Current certification by the Commissioner of Transportation could be added as a fourth option if it is necessary to avoid future rule changes. RESPONSE: The recommendations have been included in the final draft.

January 25, 1990. A memo from Mr. D.J. Flemming, State Bridge Engineer, Department of Transportation, stated that under 8810.9300 the phrase in the last sentence which reads "or have certification as approved by the commissioner of transportation" should be changed to read "or be certified by the commissioner of transportation as a Bridge Inspector." RESPONSE: The recommendation has been included in the final draft. Under 8810.9000 Subp. 2 Mr. Flemming stated - The Illustration on Bridge Measurement entitled "Eligible Structures" was attached to the wrong section according to the verbiage in 8810.9000. It should be attached to both sections. RESPONSE: Regarding 8810.9000 Subp. 2: This illustration was deleted in the final rules under 8810.9000 Subp. 2. It is included in the rule 8810.8000 Subp. 2.

Undated letter from Mr. Richard Larson, Mille Lacs County Highway Engineer, discussed 8810.9300 Subp. 2. Mr. Larson stated - If the word "or" were deleted, as proposed, between the phrases "be registered in the state of Minnesota as a professional engineer, or have a minimum of five years experience in bridge inspection assignments in a professional capacity..." that most new County

Engineers could not meet this requirement. RESPONSE: The recommendation has been included in the final draft.

Undated letter from Mr. David S. Heyer, P.E., Becker County Highway Engineer, stated that under 8810.9000 Subp. 2 - I fully support the change in definition from 20 feet to 10 feet. RESPONSE: Thank you. Under 8810.9300 Subp. 2, Mr. Heyer stated that - The beginning of the second paragraph refers to the "individual in charge..." This needs more clarification as to what is being referred to. Is it, say, the County Highway Engineer, or is it the inspection team leader in the field? RESPONSE: See comments made to Dale Wegner's letter of October 23, 1989.

Undated memo from Mr. Raymond P. Cekalla, State Aid Bridge Unit, Office of Bridges and Structures, Department of Transportation, recommended three grammatical revisions. RESPONSE: Some of the recommendations have been included in the final draft.

DATE 4-23-90

LEONARD W. LEVINE,
Commissioner

Office of the Revisor of Statutes
Administrative Rules

Ron Ray
Senior Assistant Revisor
296-0945

700 State Office Building
100 Constitution Avenue
St. Paul, MN 55155-1297

September 24, 1990

Roy Hanson
Assistant State Aid Engineer
Office of State Aid
Technical Services Division
Department of Transportation
420 Transportation Building

RE: File No. 1678

Dear Mr. Hanson:

I have approved your rules adopted without a public hearing, and am enclosing a copy of these rules for your records.

I have also delivered two copies of these rules to the Attorney General for approval. If they are approved, the Attorney General will file two copies of the approved rules with the Secretary of State. The Secretary of State will then notify me of that fact.

After I am notified that the rules are filed with the Secretary of State, I will prepare three copies of a notice of adoption for you.

If you have any questions, please call me.

Very truly yours,

Ron Ray

Ron Ray

Minnesota Department of Transportation
Transportation Building, St. Paul, MN 55155

Celebrate MINNESOTA 1990

November 8,1990

Mrs. Portia Hampton-Flowers
Office of the Attorney General
525 Park Street Suite 500
St. Paul, MN 55103

Dear Mrs. Hampton-Flowers:

Enclosed herewith is documentation for Rules relating to Bridge Inspection and Inventory (Chapter 8810.9000).

1. Notice of Intent to Solicit Outside Opinion Concerning the Possible Adoption, Amendment, Suspension or Repeal of Rules dated October 6,1989.

2. A copy of a Notice dated October 11,1989 sent to interested parties requesting input to the rule making process.

3. A copy of the Notice Of Intent To Solicit Outside Opinion Concerning The Possible Adoption, Amendment, Suspension or Repeal of Rules Relating Bridge Inspection and Inventory as published in the State Register October 16,1989.

4. A copy of the Notice dated December 27,1989 sent to interested parties requesting comments.

5. A copy of the Rule as proposed and approved by the Revisor of Statutes.

6. A copy of the Notice of Intent to Adopt a Rule Without a Public Hearing signed by the commissioner April 23,1990.

7. The Statement of Facts Establishing Need and Reasonableness of Rules dated April 23, 1990.

8. Affidavit of mailing the Notice of Intent to Adopt a Rule Without a Public Hearing, and Certificate of Mailing List.

9. A copy of the Notice of Intent to Adopt a Rule Without a Public Hearing as published in the State Register May 14,1990.

10. A copy of the Notice of Extended Comment Period as signed by the commissioner on June 20,1990.

11. A copy of the Notice of Extended Comment Period as published in the State Register July 9,1990.

12. The findings of fact, conclusions, and order adopting the rule signed by the commissioner on August 23,1990.

13. The Declaration of Counsel dated September 7,1990.

14. Four copies of the rule as adopted without a public hearing approved by the Revisor of Statutes September 24,1990.

13. A copy of the revised Statement of Facts Establishing the Need and Reasonableness of Rule dated October 26,1990.

All comments received by the agency previous to the Notice of Intent to Adopt a Rule Without a Public Hearing are addressed in the Statement of Facts Establishing Need and Reasonableness of Rules dated October 26,1990. There were no additional comments received due to the extended time period.

If you need any further documentation please contact Roy L. Hanson at 296-9877.

Sincerely,

Roy L. Hanson

for Dennis C. Carlson, Director
Office of State Aid

cc: Don Mueting,AAG
Don Flemming-610
Eugene Ofsted-413
File-420

STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION
TECHNICAL SERVICES DIVISION
OFFICE OF STATE AID

Notice of Intent to Solicit
Outside Opinions Concerning
the Possible Adoption, Amend-
ment, Suspension or Repeal of
Rules Relating to Minn. Stat.,
chs. 165.03 Subd. 2 (Bridge
Inspection and Inventory)
Chapter 8810.9000

Notice is hereby given that the Commissioner of Transportation is soliciting outside opinions and comments pertaining to the adoption, amendment, suspension or repeal of rules promulgated pursuant to or authorized by Minn. Stat., chs. 165.03 relating to Bridge Inspection and Inventory.

Please be advised the Commissioner of Transportation will meet in the near future with those county and municipal officials, through his authorized agent, as required and established in Minn. Stat.162.02, subd. 2 and 162.09 subd. 2 to review the rules for State Aid Operations. The rules for Bridge Inspection and Inventory will be included in their review.

All interested or affected persons or groups are requested to participate. Statements of information and comment may be made orally or in writing and must be received by November 17, 1989. Written statements of information and comment may be addressed to:

Mr. Gordon M. Fay, Director
Office of State Aid
Technical Services Division
Minnesota Department of Transportation
Room 420 Transportation Building
Saint Paul, Minnesota 55155

Oral statements of information and comment will be received during regular business hours over the telephone at (612) 296-3011 and in person at the above address. Any written material received by the above date will become a part of the record of any rules hearings which will be held.

Dated this 6th day of October, 1989.



LEONARD W. LEVINE
Commissioner

Office of the Revisor of Statutes
Administrative Rules

Ron Ray
Senior Assistant Revisor
296-0945

700 State Office Building
100 Constitution Avenue
St. Paul, MN 55155-1297

May 15, 1990

Roy Hanson
Assistant State Aid Engineer
Office of State Aid
Technical Services Division
Department of Transportation
420 Transportation Building

RE: File No. 1678

Dear Mr. Hanson:

Enclosed are stripped copies of your proposed rules as published in the State Register. The copy shows the text of the rules as you proposed them with the stricken text deleted and the underscoring removed.

If your emergency rules or rules adopted without public hearing are adopted without modification, please submit the required number of copies of this document to the Attorney General for final approval. If these rules are to be modified, please use this copy to indicate the modifications you wish to make. Our office will then input the changes, approve the document as to form, and provide you with copies to submit to the Attorney General.

If your rules are adopted after public hearing without modification, please submit one copy of this document to our office for final approval as to form. If these rules are to be modified, please use this copy to indicate the modifications you wish to make. Our office will input the changes, approve the document as to form, and provide you with copies.

Very truly yours,

RR/cs

Ron Ray

Department of Transportation

Proposed Permanent Rules Relating to Bridge Inspection and Inventory

Rules as Proposed

8810.9000 DEFINITIONS.

[For text of subpart 1, see M.R.]

Subp. 2. **Bridge.** "Bridge" ~~means a bridge~~ is defined as a structure including supports erected over a depression or an obstruction~~,~~ such as water, highway, or railway, ~~and~~ having a track or passageway for carrying traffic or other moving loads, and having an opening measured horizontally along the center of the roadway of ten feet or more ~~than 20 feet~~ between undercopings of abutments, ~~or more than 20 feet~~ between spring line of arches, or between extreme ends of openings for multiple boxes~~, it~~. Bridge also includes multiple pipes where the clear distance between openings is less than half of the smaller contiguous opening. Illustrations of measurements are shown in part 8810.8000, subpart 2, figures 1 to 4. This definition of a bridge ~~describes all railroad bridges~~ includes, ~~but~~ for application of ~~these rules all railroad bridges are excluded except for~~ parts 8810.9000 to 8810.9700, only those railroad bridges over or under a public highway or street.

Subp. 3. **Bridge inspector's training manual.** The Bridge Inspector's Training Manual referred to in ~~these rules~~ parts 8810.9000 to 8810.9700 is the training manual published by the Federal Highway Administration. It may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Subp. 4. **Inspection.** The term "inspection" ~~shall mean~~ means examining a structure, evaluating the physical condition observed, and reporting the observations and evaluations on the bridge inspection report form as adopted by the commissioner.

[For text of subps 5 to 7, see M.R.]

Approved by Revisor

8810.9100 PURPOSE AND SCOPE.

Subpart 1. **Purpose.** The purpose of ~~these rules~~ parts 8810.9000 to 8810.9700 is to carry out the mandate of the legislature and to implement that mandate as set forth in Minnesota Statutes, chapter 165, ~~as amended by the legislature in 1973,~~ with reference to the inspection and inventory of bridges in the state of Minnesota.

Subp. 2. **Scope.** The scope of parts 8810.9000 to ~~8810.9800~~ 8810.9700 is confined to and consistent with Minnesota Statutes, section 165.03~~, as amended~~.

8810.9200 APPLICATION OF INSPECTION AND INVENTORY STANDARDS.

These bridge inspection and inventory standards apply to ~~all structures defined in part 8810.9000 as~~ bridges ~~which either~~ that:

A. lie within or cross the borders of the state of Minnesota~~,~~ and ~~which~~ are located wholly or partially within or over the right-of-way of ~~any~~ a state trunk highway~~, or which~~;

B. are located wholly or partially within or over the right-of-way of ~~any~~ a county or ~~township~~ town road~~, or which~~;

C. are located wholly or partially within or over the ~~rights~~ right-of-way of ~~any~~ a street located within or along municipal limits~~, or which~~;

D. are toll bridges used by the general public~~,~~; or ~~which~~

E. are located on state, county, or home rule charter or statutory city lands and exist for the use of the general public. ~~All~~

Railroad bridges are excluded from ~~these rules~~ parts 8810.9000 to 8810.9700 except for railroad bridges over or under a public highway or street.

Bridges on recreation trails used only by pedestrians, bicycles, and recreational vehicles are ~~not included in these rules~~ excluded from parts 8810.9000 to 8810.9700, except for those bridges over or under a public highway or street.

Approved by Revisor _____

8810.9300 ~~PERSONNEL~~ RESPONSIBILITY AND QUALIFICATIONS.

[For text of subpart 1, see M.R.]

Subp. 2. **Qualifications.** The individual in charge of the bridge inspection and inventory for each organizational unit described ~~above shall~~ in subpart 1 must be registered in ~~the state of~~ Minnesota as a professional engineer.

The individual in charge of the inspection team ~~shall~~ must have one of the following qualifications: be registered in ~~the state of~~ Minnesota as a professional engineer; ~~or~~ have a minimum of five years experience in bridge inspection assignments in a responsible capacity and have completed a comprehensive training course based on the Bridge Inspector's Training Manual ~~which has been~~ developed by a joint federal-state task force; have current certification as a Level III or IV Bridge Safety Inspector under the National Society of Professional Engineer's program for National Certification in Engineering Technologies; or, be certified by the commissioner of transportation as a Bridge Safety Inspector.

8810.9400 FREQUENCY OF INSPECTIONS AND INVENTORY.

Subpart 1. **Inspection.** Each bridge ~~shall~~ must be inspected annually. Interim inspections at intervals of less than one year may be necessary on bridges that are posted, bridges subjected to extreme scour conditions, bridges subject to significant substructure movement or settlement, and for other reasons as specified or inferred in ~~section 2.3 of~~ the AASHTO manual.

The thoroughness of each inspection ~~will depend~~ depends on such factors as age, traffic characteristics, state of maintenance, and known deficiencies. The evaluation of these factors ~~will be~~ is the responsibility of the engineer assigned the responsibility for inspection as defined in part ~~8810.9000~~ 8810.9300, subpart 1.

[For text of subp 2, see M.R.]

8810.9500 INSPECTION REPORT AND RATINGS.

Approved
by Revisor _____

Subpart 1. **Inspection.** The items to be inspected and reported on the bridge inspection report form ~~shall~~ must include but not be limited to those items specified in ~~section 2.5 of~~ the AASHTO manual. The Bridge Inspector's Training Manual ~~shall~~ must be used as a guide to additional items to be inspected for special cases.

Subp. 2. **Ratings.** Each structure required to be inspected under ~~these rules shall~~ parts 8810.9000 to 8810.9700 must be rated to determine its safe load carrying capacity and the rating ~~shall~~ must be reported on a structure inventory sheet form provided by the commissioner of transportation. A structure ~~shall~~ must be rerated when it is determined that a significant change has occurred in the condition of the structure. Ratings ~~shall~~ must be reviewed and the structure rerated if necessary when the allowable legal load using the structure ~~in~~ is increased. Changes in the rating of a bridge ~~shall~~ must be indicated on the structure inventory sheet form.

REPEALER. Minnesota Rules, part 8810.9800, is repealed.

Approved
by Revisor _____

Office of the Revisor of Statutes

Administrative Rules

TITLE: Proposed Permanent Rules Relating to Bridge Inspection and Inventory

AGENCY: Department of Transportation

MINNESOTA RULES: Chapter 8810

The attached rules are approved for publication in the State Register

Ron Ray

Ron Ray
Senior Assistant Revisor

NOTICE

October 11, 1989

To: County Engineers
City Engineers
MN/DOT Staff
Minnesota Legislature
Regional Development Commissions
Metropolitan Councils
Legislative Study Commission
Interested Parties

From: Gordon M. Fay, Director
Office of State Aid
Technical Services Division
Department of Transportation

Re: PROPOSED RULE CHANGES

The Office of Bridges and Structures taken the initial steps to review the rules for **Bridge Inspection and Inventory** (Chapter 8810). A preliminary draft with changes (enclosed) to the rules has been prepared by our staff. The changes that are shown have been made for clarification and to conform to legislative requirements. All proposed additions to the rules are underlined and all deletions to the rules are crossed out.

We are requesting your input to the rule making process. All comments will be considered and incorporated into future drafts.

It is our intent to present all correspondence, along with a draft of the proposed changes, to the rules committee that will be appointed as required by MN. Stat. 162.02 subd. 2 and 162.09 subd. 2 to review and recommend revisions to the Rules for State-Aid Operations. We intend to call the rules committee together as soon as we have prepared the next draft. We therefore request that you respond as soon as possible but no later than October 27.

Send your comments to:

Mr. Gordon M. Fay, Director
Office of State Aid
Technical Services Division
Minnesota Department of Transportation
Transportation Building
St. Paul, Minnesota 55155

BRIDGE INSPECTION AND INVENTORY

8810.9000 DEFINITIONS.

Subpart 1. **AASHTO** manual. The "AASHTO manual" referred to in these rules is the Manual for Maintenance Inspection of Bridges, published by the American Association of State Highway and Transportation Officials, 341 National Press Building, Washington, D.C. 20004.

Subp. 2. **Bridge.** "Bridge" means a bridge is defined as a structure including supports erected over a depression or an obstruction, as water, highway, or railway, and having a track or passageway for carrying traffic or other moving loads, and having an opening measured horizontally along the center of the roadway of more than ~~20~~ 10 feet between undercopings of abutments, or more than ~~20~~ 10 feet between spring line of arches, or extreme ends of openings for multiple boxes; it also includes multiple pipes where the clear distance between openings is less than half of the smaller contiguous opening. This definition of a bridge describes all railroad bridges, but for application of these rules all railroad bridges are excluded except for railroad bridges over or under a public highway or street.

Subp. 3. **Bridge inspector's training manual.** The Bridge Inspector's Training Manual referred to in these rules may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Subp. 4. **Inspection.** The term "inspection" shall mean examining a structure evaluating the physical condition observed, and reporting the observations and evaluations on the bridge inspection report form as adopted by the commissioner.

Subp. 5. **Inventory.** The term "inventory" as used herein shall mean the gathering and reporting of all information as provided for on the structure inventory sheet as adopted by the commissioner.

Subp. 6. **Posting.** The term "posting" shall mean the placement of regulatory signs at a bridge indicating the safe load carrying capacity of the bridge.

Subp. 7. **Rating.** The term "rating" shall mean determining the safe live load carrying capacity of a bridge. The rating for a bridge shall be determined in accordance with procedures specified in the AASHTO Manual for Maintenance Inspection of Bridges except that Minnesota legal vehicles shall be used rather than AASHTO typical vehicles for highway bridges.

Statutory Authority: MS s 165.03 subd 2

8810.9100 PURPOSE AND SCOPE.

Subpart 1. **Purpose.** The purpose of these rules is to carry out the mandate of the legislature and to implement that mandate as set forth in Minnesota Statutes, chapter 165, as amended by the legislature in ~~1973~~ 1986, with reference to the inspection and inventory of bridges in the state of Minnesota.

Subp. 2. **Scope.** The scope of parts 8810.9000 to 8810.9800 is confined to and consistent with Minnesota Statutes, section 165.03, as amended.

Statutory Authority: MS s 165.03 subd 2

8810.9200 APPLICATION OF INSPECTION AND INVENTORY STANDARDS.

These bridge inspection and inventory standards apply to all structures defined in part 8810.9000 as bridges which either lie within or cross the borders of the state of Minnesota, and which are located wholly or partially within or over the right-of-way of any state trunk highway, or which are located wholly or partially within or over the right-of-way of any county or township road, or which are located wholly or partially within or over the rights of any street located within or along municipal limits, or which are toll bridges used by the general public, or which are located on state, county, or city lands and exist for the use of the general public. All railroad bridges are excluded from these rules except for railroad bridges over or under a

public highway to street. Bridges on recreation trails used only by pedestrians, bicycles, and recreational vehicles are ~~not included~~ excluded from these rules except for those bridges over or under a public highway or street.

Statutory Authority: MS s 165.03 subd 2

8810.9300 ~~PERSONNEL~~ RESPONSIBILITY AND QUALIFICATIONS.

Subpart 1. **Areas of responsibility.** The following officials have the responsibility for inspection and inventory of bridges:

A. the commissioner of transportation for all bridges located wholly or partially within or over the right-of-way of a state trunk highway and for toll bridges used by the general public;

B. the county highway engineer for all bridges located wholly or partially within or over the right-of-way of any county or township road, or any street within a municipality which does not have a city engineer regularly employed; and

C. the city engineer for all bridges located wholly or partially within or over the right-of-way of any street located within or along municipal limits.

Subp. 2 **Qualifications.** The individual in charge of the bridge inspection and inventory for each organizational unit described above shall be registered in the state of Minnesota as a professional engineer.

The individual in charge of the inspection team shall have the following qualifications; be registered in the state of Minnesota as a professional engineer; ~~or~~ have a minimum of five years experience in bridge inspection assignments in a responsible capacity and have completed a comprehensive training course based on the Bridge Inspector's Training Manual which has been developed by a joint federal-state task force~~/~~; or, have current certification as a Level III or IV Bridge Safety Inspector under the National Society of Professional Engineer's program for National Certification in Engineering Technologies (NICET).

Statutory Authority: MS s 165.03 subd 2

8810.9400 FREQUENCY OF INSPECTIONS AND INVENTORY.

Subpart 1. **Inspection.** Each bridge shall be inspected annually. Interim inspections at intervals of less than one year may be necessary on bridges that are posted, bridges subjected to extreme scour conditions, bridges subject to significant substructure movement or settlement, and for other reasons as specified or inferred in section 2.3 of the AASHTO manual.

The thoroughness of each inspection will depend on such factors as age, traffic characteristics, state of maintenance, and known deficiencies. The evaluation of these factors will be the responsibility of the engineer assigned the responsibility for inspection as defined in part 8810.9000.

Subp. 2. **Inventory.** An inventory shall be prepared for each bridge and shall be updated annually.

Statutory Authority: MS s 165.03 subd 2

8810.9500 **INSPECTION REPORT AND RATINGS.**

Subpart 1. **Inspection.** The items to be inspected and reported on the bridge inspection report form shall include but not be limited to those items specified in section 2.4 of the AASHTO manual. The Bridge Inspector's Training Manual shall be used as a guide to additional items to be inspected for special cases.

Subp. 2. **Ratings.** Each structure required to be inspected under these rules shall be rated to determine its safe load carrying capacity and the rating shall be reported on a structure inventory sheet form. A structure shall be rerated when it is determined that a significant change has occurred in condition of

the structure. Ratings shall be reviewed and the structure rerated if necessary when the allowable legal load using the structure is increased. Changes in the rating of a bridge shall be indicated on the structure inventory sheet form.

Statutory Authority: MS s 165.03 subd 2

8810.9600 **POSTING LESSER LOADS.**

Where it is determined that the maximum legal load under state law exceeds the load permitted on the structure under the operating rating stress level assigned, the bridge must be posted. Posting signs as adopted by the commissioner shall be used for the posting.

Statutory Authority: MS s 165.03 subd 2

8810.9700 **UPDATING REPORTS.**

Each highway authority responsible for inspection and inventory of bridges shall submit an updated copy of the structure inventory sheet form for each bridge under its jurisdiction to the commissioner by February 15, annually.

Statutory Authority: MS s 165.03 subd 2

8810/9800/RECOMMENDATIONS/REGARDING/SHORT/BRIDGES/

/////It/is/acknowledged/that/many/road/structures/in/the/state are/too/short/to/meet/the/definition/of/a/bridge/as/defined/in part/8810/9000///However,//the/definition/applied/to/this/standard is/not/intended/to/diminish/the/importance/of/providing/for/safe usage/of/these/shorter/structures///An/inspection,//rating,//and posting/procedure/similar/to/that/enumerated/in/parts/8810/9000 to/8810/9700/is/recommended/for/these/structures/at/the discretion/of/the/local/road/authority/

/////Statutory/Authority:/MS/s/165/03/subd/2

Department of Transportation

Adopted Permanent Rules Relating to Bridge Inspection and Inventory

Rules as Adopted

8810.9000 DEFINITIONS.

[For text of subpart 1, see M.R.]

Subp. 2. **Bridge.** "Bridge" is defined as a structure including supports erected over a depression or an obstruction such as water, highway, or railway, having a track or passageway for carrying traffic or other moving loads, and having an opening measured horizontally along the center of the roadway of ten feet or more between undercopings of abutments, between spring line of arches, or between extreme ends of openings for multiple boxes. Bridge also includes multiple pipes where the clear distance between openings is less than half of the smaller contiguous opening. Illustrations of measurements are shown in part 8810.8000, subpart 2, figures 1 to 4. This definition of a bridge includes, for application of parts 8810.9000 to 8810.9700, only those railroad bridges over or under a public highway or street.

Subp. 3. **Bridge inspector's training manual.** The Bridge Inspector's Training Manual referred to in parts 8810.9000 to 8810.9700 is the training manual published by the Federal Highway Administration. It may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Subp. 4. **Inspection.** The term "inspection" means examining a structure, evaluating the physical condition observed, and reporting the observations and evaluations on the bridge inspection report form as adopted by the commissioner.

[For text of subps 5 to 7, see M.R.]

8810.9100 PURPOSE AND SCOPE.

Subpart 1. **Purpose.** The purpose of parts 8810.9000 to

8810.9700 is to carry out the mandate of the legislature and to implement that mandate as set forth in Minnesota Statutes, chapter 165, with reference to the inspection and inventory of bridges in the state of Minnesota.

Subp. 2. **Scope.** The scope of parts 8810.9000 to 8810.9700 is confined to and consistent with Minnesota Statutes, section 165.03.

8810.9200 APPLICATION OF INSPECTION AND INVENTORY STANDARDS.

These bridge inspection and inventory standards apply to bridges that:

A. lie within or cross the borders of the state of Minnesota and are located wholly or partially within or over the right-of-way of a state trunk highway;

B. are located wholly or partially within or over the right-of-way of a county or town road;

C. are located wholly or partially within or over the right-of-way of a street located within or along municipal limits;

D. are toll bridges used by the general public; or

E. are located on state, county, or home rule charter or statutory city lands and exist for the use of the general public.

Railroad bridges are excluded from parts 8810.9000 to 8810.9700 except for railroad bridges over or under a public highway or street.

Bridges on recreation trails used only by pedestrians, bicycles, and recreational vehicles are excluded from parts 8810.9000 to 8810.9700, except for those bridges over or under a public highway or street.

8810.9300 RESPONSIBILITY AND QUALIFICATIONS.

[For text of subpart 1, see M.R.]

Subp. 2. **Qualifications.** The individual in charge of the bridge inspection and inventory for each organizational unit described in subpart 1 must be registered in Minnesota as a professional engineer.

The individual in charge of the inspection team must have one of the following qualifications: be registered in Minnesota as a professional engineer; have a minimum of five years experience in bridge inspection assignments in a responsible capacity and have completed a comprehensive training course based on the Bridge Inspector's Training Manual developed by a joint federal-state task force; have current certification as a Level III or IV Bridge Safety Inspector under the National Society of Professional Engineer's program for National Certification in Engineering Technologies; or, be certified by the commissioner of transportation as a Bridge Safety Inspector.

8810.9400 FREQUENCY OF INSPECTIONS AND INVENTORY.

Subpart 1. **Inspection.** Each bridge must be inspected annually. Interim inspections at intervals of less than one year may be necessary on bridges that are posted, bridges subjected to extreme scour conditions, bridges subject to significant substructure movement or settlement, and for other reasons as specified or inferred in the AASHTO manual.

The thoroughness of each inspection depends on such factors as age, traffic characteristics, state of maintenance, and known deficiencies. The evaluation of these factors is the responsibility of the engineer assigned the responsibility for inspection as defined in part 8810.9300, subpart 1.

[For text of subp 2, see M.R.]

8810.9500 INSPECTION REPORT AND RATINGS.

Subpart 1. **Inspection.** The items to be inspected and reported on the bridge inspection report form must include but not be limited to those items specified in the AASHTO manual. The Bridge Inspector's Training Manual must be used as a guide to additional items to be inspected for special cases.

Subp. 2. **Ratings.** Each structure required to be inspected under parts 8810.9000 to 8810.9700 must be rated to determine its safe load carrying capacity and the rating must be reported on a structure inventory sheet form provided by the commissioner of transportation. A structure must be rerated when it is

determined that a significant change has occurred in the condition of the structure. Ratings must be reviewed and the structure rerated if necessary when the allowable legal load using the structure is increased. Changes in the rating of a bridge must be indicated on the structure inventory sheet form.

REPEALER. Minnesota Rules, part 8810.9800, is repealed.

STATE OF MINNESOTA
DEPARTMENT OF STATE
FILED
DEC 1 4 1990
Secretary of State

APPROVED AS TO LEGALITY

December 11, 1990

HUBERT H. HUMPHREY, III
ATTORNEY GENERAL

BY Charlene M. Hatcher
SPECIAL ASSISTANT ATTORNEY GENERAL

STATE OF MINNESOTA
DEPARTMENT OF STATE
FILED

DEC 11 1990

Joan Anderson Growe
Secretary of State

4:20

Department of Transportation

Technical Services Division

Office of State Aid

Notice of Intent to Solicit Outside Opinions Concerning the Possible Adoption, Amendment, Suspension or Repeal of Rules Relating to *Minn. Stat.*, chs. 165.03 Subd. 2 (Bridge Inspection and Inventory) Chapter 8810.9000

NOTICE IS HEREBY GIVEN that the Commissioner of Transportation is soliciting outside opinions and comments pertaining to the adoption, amendment, suspension or repeal of rules promulgated pursuant to or authorized by *Minnesota Statutes*, chs. 165.03 relating to Bridge Inspection and Inventory.

Please be advised the Commissioner of Transportation will meet in the near future with those county and municipal officials, through his authorized agent, as required and established in *Minnesota Statutes* 162.02, subd. 2 and 162.09 subd. 2 to review the rules for State Aid Operations. The rules for Bridge Inspection and Inventory will be included in their review.

All interested or affected persons or groups are requested to participate. Statements of information and comment may be made orally or in writing and must be received by November 17, 1989. Written statements of information and comment may be addressed to:

Mr. Gordon M. Fay, Director
Office of State Aid
Technical Services Division
Minnesota Department of Transportation
Room 420 Transportation Building
Saint Paul, Minnesota 55155

Oral statements of information and comment will be received during regular business hours over the telephone at (612) 296-3011 and in person at the above address. Any written material received by the above date will become a part of the record of any rules hearings which will be held.

Dated this 6th day of October, 1989.

Leonard W. Levine
Commissioner

Department of Transportation

Technical Services Division

Office of State Aid

Notice of Intent to Solicit Outside Opinions Concerning the Possible Adoption, Amendment, Suspension or Repeal of Rules Relating to *Minn. Stat.*, chs. 161 and 162 (State Aid Operations) Chapter 8820

NOTICE IS HEREBY GIVEN that the Commissioner of Transportation is soliciting outside opinions and comments pertaining to the adoption, amendment, suspension or repeal of rules promulgated pursuant to or authorized by *Minnesota Statutes*, chs. 161 and 162 relating to State Aid Operations.

Please be advised the Commissioner of Transportation will meet in the near future with those county and municipal officials, through his authorized agent, as required and established in *Minnesota Statutes* 162.02, subd. 2 and 162.09 subd. 2 to review the rules for State Aid Operations.

All interested or affected persons or groups are requested to participate. Statements of information and comment may be made orally or in writing and must be received by November 17, 1989. Written statements of information and comment may be addressed to:

Mr. Gordon M. Fay, Director
Office of State Aid
Technical Services Division

Minnesota Department of Transportation
Room 420 Transportation Building
Saint Paul, Minnesota 55155

NOTICE

December 27, 1989

To: County Engineers
City Engineers
MN/DOT Staff
Minnesota Legislature
Regional Development Commissions
Metropolitan Councils
Legislative Study Commission
Interested Parties

From: Gordon M. Fay, Director
Office of State Aid
Technical Services Division
Department of Transportation

Re: PROPOSED RULE CHANGES

On Thursday December 14, 1989, the Rules Committee reviewed Minnesota Rules 8810.8000, Bridge Construction and Reconstruction, and 8810.9000, Bridge Inspection and Inventory.

They considered all comments that had been submitted pursuant to our previous request for input and approved the enclosed draft of the rules.

We request you read the enclosed and if you have any further comment submit same to:

Mr. Gordon M. Fay, Director
Office of State Aid
Technical Services Division
Minnesota Department of Transportation
Transportation Building
St. Paul, Minnesota 55155

It is our intent to have one more hearing on these rules to insure that everyone has had a chance for input. If there is any area of concern now is your opportunity to respond.

If there are no further comments received, we will proceed to have the rules adopted in accordance with proper rule making procedures.

BRIDGE INSPECTION AND INVENTORY

8810.9000 **DEFINITIONS**

Subpart 1. **AASHTO manual.** The "AASHTO manual" referred to in these rules is the Manual for Maintenance Inspection of Bridges, published by the American Association of State Highway and Transportation Officials, 341 National Press Building, Washington, D.C., 20004.

Subp. 2. **Bridge.** "Bridge" ~~means/a/bridge~~ is defined as a structure including supports erected over a depression or an obstruction, such as water, highway, or railway, and having a track or passageway for carrying traffic or other moving loads, and having an opening measured horizontally along the center of the roadway of more than ~~20~~ 10 feet between undercopings of abutments, or more than ~~20~~ 10 feet between spring line of arches, or extreme ends of openings for multiple boxes; it also includes multiple pipes where the clear distance between openings is less than half of the smaller contiguous opening. Illustrations of measurements are shown in 8810.8000 Figures 1 through 4. This definition of a bridge ~~describes~~ includes all railroad bridges, but for application of these rules all railroad bridges are excluded except for railroad bridges over or under a public highway or street.

Subp. 3. **Bridge inspector's training manual.** The Bridge Inspector's Training Manual referred to in these rules ,which is the training manual published by the FHWA, may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Subp. 4. **Inspection.** The term "inspection" shall mean examining a structure, evaluating the physical condition observed, and reporting the observations and evaluations on the bridge inspection form as adopted by the commissioner.

Subp. 5. **Inventory.** The term "inventory" as used herein shall mean the gathering and reporting of all information as provided for on the structure inventory sheet as adopted by the commissioner.

Subp. 6. **Posting.** The term "posting" shall mean the placement of regulatory signs at a bridge indicating the safe load carrying capacity of the bridge.

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Subp. 7. **Rating.** The term "rating" shall mean determining the safe live load carrying capacity of a bridge. The rating for a bridge shall be determined in accordance with procedures specified in the AASHTO Manual for Maintenance Inspection of Bridges except that Minnesota legal vehicles shall be used rather than AASHTO typical vehicles for highway bridges.

Statutory Authority: MS s 165.03 subd 2

8810.9100 PURPOSE AND SCOPE.

Subpart 1. **Purpose.** The purpose of these rules is to carry out the mandate of the legislature and to implement that mandate as set forth in Minnesota statutes, chapter 165, as amended by the legislature in ~~1977~~ 1986, with reference to the inspection and inventory of bridges in the state of Minnesota.

Subp. 2. **Scope.** The scope of parts 8810.9000 to 8810.9800 is confined to and consistent with Minnesote Statutes, section 165.03, as amended.

Statutory Authority: MS s 165.03 subd 2

8810.9200 APPLICATION OF INSPECTION AND INVENTORY STANDARDS.

These bridge inspection and inventory standards apply to all structures defined in part 8810.9000 as bridges which either lie within or cross the borders of the state of Minnesota, and which are located wholly or partially within or over the right-of-way of any state trunk highway, or which are located wholly or partially within or over the right-of-way of any county or township road, or which are located wholly or partially within or over the ~~rights~~ right-of-way of any street located within or along municipal limits, or which are toll bridges used by the general public, or which are located on state, county, or city lands and exist for the use of the general public. All railroad bridges are excluded from these rules except for railroad bridges over or under a public highway or street. Bridges on recreation trails used only by pedestrians, bicycles, and recreational vechicles are ~~not included~~ excluded from these rules except for those bridges over or under a public highway or street.

Statutory Authority: MS s 165.03 subd 2



8810.9300 ~~PERSONNEL~~ RESPONSIBILITY AND QUALIFICATIONS.

Subpart 1. Areas of responsibility. The following officials have the responsibility for inspection and inventory of bridges:

A. the commissioner of transportation for all bridges located wholly or partially within or over the right-of-way of a state trunk highway and for toll bridges used by the general public;

B. the county highway engineer for all bridges located wholly or partially within or over the right-of-way of any county or township road, or any street within a municipality which does not have a city engineer regularly employed; and

C. the city engineer for all bridges located wholly or partially within or over the right-of-way of any street located within or along municipal limits.

Subp. 2. **Qualifications.** The individual in charge of the bridge inspection and inventory for each organizational unit described above shall be registered in the state of Minnesota as a professional engineer.

The individual in charge of the inspection team shall have the following qualifications: be registered in the state of Minnesota as a professional engineer; or have a minimum of five years experience in bridge inspection assignments in a responsible capacity and have

completed a comprehensive training course based on the Bridge Inspector's Training Manual which has been developed by a joint federal-state task force/; or, have current certification as a Level III or IV Bridge Safety Inspector under the National Society of Professional Engineer's program for National Certification in Engineering Technologies (NICET) or have certification as approved by the commissioner of transportation.

Statutory Authority: MS s 165.03 subd 2

8810.9400 FREQUENCY OF INSPECTIONS AND INVENTORY.

Subpart 1. **Inspection.** Each bridge shall be inspected annually. Interim inspections at intervals of less than one year may be necessary on bridges that are posted, bridges subjected to extreme scour conditions, bridges subject to significant substructure movement or settlement, and for other reasons as specified or inferred in ~~section 2.7.1 of~~ the AASHTO manual.

The thoroughness of each inspection will depend on such factors as age, traffic characteristics, state of maintenance, and known deficiencies. The evaluation of these factors will be the responsibility of the engineer assigned the responsibility for inspection as defined in part 8810.~~0000~~9300 subpart 1.



Subp. 2. **Inventory.** An inventory shall be prepared for each bridge and shall be updated annually.

Statutory Authority: MS s 165.03 subd 2

8810.9500 INSPECTION REPORT AND RATINGS.

Subpart 1. **Inspection.** The items to be inspected and reported on the bridge inspection report form shall include but not be limited to those items specified in ~~section 2.3.1~~ the AASHTO manual. The Bridge Inspector's Training Manual shall be used as a guide to additional items to be inspected for special cases.

Subp. 2. **Ratings.** Each structure required to be inspected under these rules shall be rated to determine its safe load carrying capacity and the rating shall be reported on a structure inventory sheet form. A structure shall be rerated when it is determined that a significant change has occurred in the condition of the structure. Ratings shall be reviewed and the structure rerated if necessary when the allowable legal load using the structure is increased. Changes in the rating of a bridge shall be indicated on the structure inventory sheet form.

Statutory Authority: MS s 165.03 subd 2

8810.9600 POSTING LESSER LOADS.

Where it is determined that the maximum legal load under state law exceeds the load permitted on the structure under the operating rating stress level assigned, the bridge must be posted. Posting signs as adopted by the commissioner shall be used for the posting.

Statutory Authority: MS s 165.03 subd 2

8810.9700 UPDATING REPORTS.

Each highway authority responsible for inspection and inventory of bridges shall submit an updated copy of the structure inventory sheet form for each bridge under its jurisdiction to the commissioner by February 15, annually.

Statutory Authority: MS s 165.03 subd 2



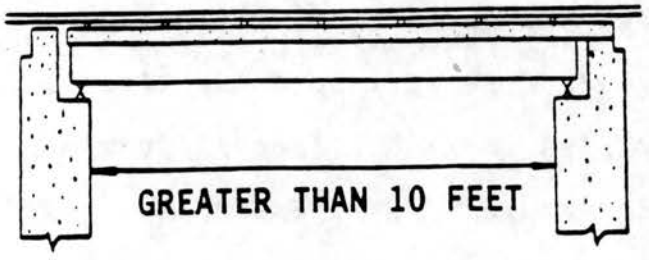
8810/9800/RECOMMENDATIONS/REGARDING/SHORT/BRIDGES/

/////It/is/acknowledged/that/many/road/structures/in/the/state/are too/short/to/meet/the/definition/of/a/bridge/as/defined/in/part 8810/9000///However//the/definition/applied/to/this/standard/is/not intended/to/diminish/the/importance/of/providing/for/safe/usage/of these/shorter/structures///An/inspection//rating//and/posting procedure/similar/to/that/enumerated/in/parts/8810/9000/to/8810/9700 is/recommended/for/these/structures/at/the/discretion/of/the/local road/authority/

Statutory/Authority:/MS/s/165/03/subd/2

ELIGIBLE STRUCTURES AS DEFINED BY 8810.8000 SUBPART 3

FIGURE 1: MEASUREMENT OF BRIDGE BETWEEN UNDERCOPINGS



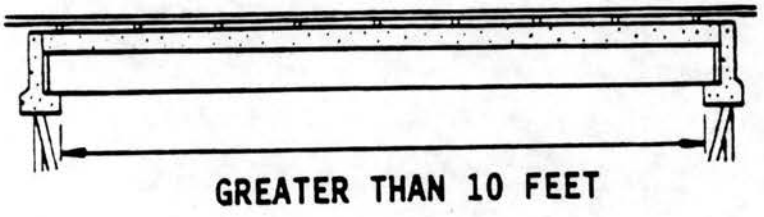


FIGURE 2: MEASUREMENT OF STRUCTURE BETWEEN SPRING LINES

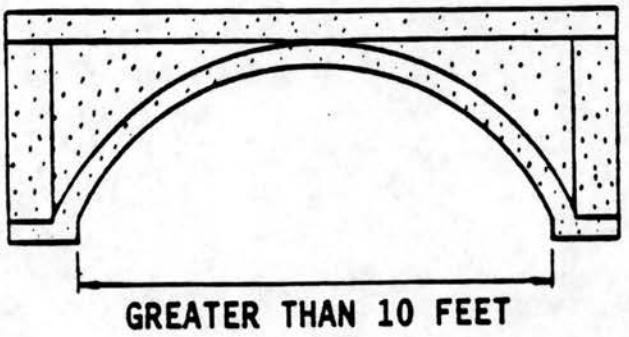


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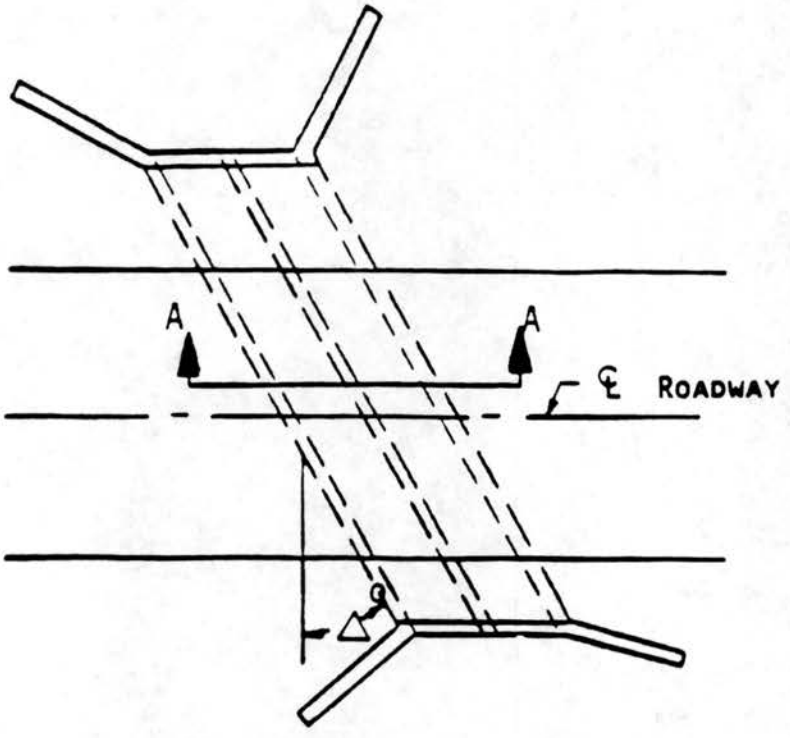
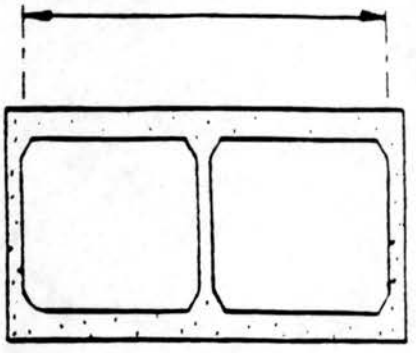
FIGURE 3: MEASUREMENT OF BOX CULVERTS

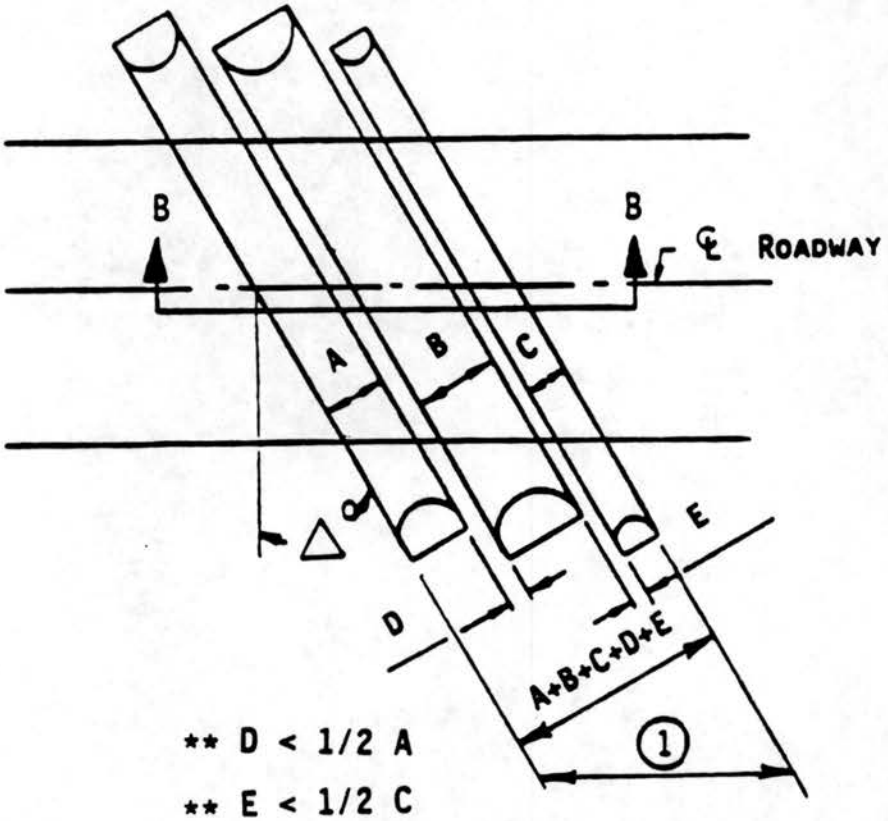


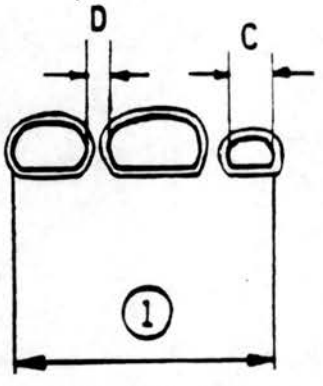
GREATER THAN 10 FEET
BETWEEN EXTREME END OPENINGS
OF MULTIPLE BOX CULVERTS



SECTION A-A

FIGURE 4: MEASUREMENT OF MULTIPLE CULVERTS





SECTION B-B

GREATER THAN 10 FEET
BETWEEN EXTREME END OPENING
OF MULTIPLE PIPE CULVERTS

** D < 1/2 A

** E < 1/2 C

$$① = \frac{A+B+C+D+E}{\cos \triangle} > 10'$$

** THE SPACE BETWEEN ADJACENT PIPE CULVERTS OPENINGS MUST BE LESS THAN ONE HALF THE SMALLER CONTIGUOUS OPENING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STATE OF MINNESOTA

DEPARTMENT OF TRANSPORTATION

TECHNICAL SERVICES DIVISION

NOTICE OF INTENT
TO ADOPT A RULE WITHOUT
A PUBLIC HEARING

In the Matter of the Proposed)
Adoption by the Minnesota)
Department of Transportation of)
Rules Relating to BRIDGE)
INSPECTION AND INVENTORY)
Minnesota Rules, Part 8810.9000)

Notice is hereby given that the Minnesota Department of Transportation intends to adopt the above-entitled rule without a public hearing following the procedures set forth in the Administrative Procedures Act for adopting rules without a public hearing in Minnesota Statutes, sections 14.22 to 14.28. The statutory authority to adopt the rule is found in Minnesota Statutes, Chapter 165.03 Subd. 2.

All persons have 30 days in which to submit comment in support of or in opposition to the proposed rule or any part or subpart of the rule. Comment is encouraged. Each comment should identify the portion of the proposed rule addressed, the reason for the comment, and any change proposed.

Any person may make written request for a public hearing on rule within the 30-day comment period. If 25 or more persons submit a written request for a public hearing within the 30-day comment period, a public hearing will be held unless a sufficient number withdraw their request in writing. Any

person requesting a public hearing should state his or her name and address, and is encouraged to identify the portion of the proposed rule addressed, the reason for the request, and any change proposed. If a public hearing is required, the agency will proceed pursuant to Minnesota Statutes, sections 14.131 to 14.20.

Comments or written requests for a public hearing must be submitted to:

Donald J. Flemming
State Bridge Engineer
Office of Bridges and Structures
Minnesota Department of Transportation
610 Transportation Building
St. Paul, MN 55155

[A copy of the proposed rules is attached to this notice.]

A Statement of Need and Reasonableness that describes the need for and reasonableness of each provision of the proposed rule and identifies the data and information relied upon to support the proposed rule has been prepared and is available from the Office of Bridges and Structures, Room 610, Transportation Building, St. Paul, Minnesota 55155 upon request.

If no hearing is required, upon adoption of the rule, the rule and the required supporting documents will be submitted to the Attorney General for review as to legality and form to the extent the form relates to legality. Any person may request notification of the date of submission to the Attorney General. Persons who wish to be advised of the submission of this material to the Attorney General, or who wish to receive a copy of the adopted rule, must submit the written request to the Office of Bridges and Structures.

Date 4-23-90

LEONARD W. LEVINE
Commissioner

In the Matter of the Proposed Adoption by the Minnesota Department of Transportation of Rules Relating to Bridge Inspection and Inventory, Minnesota Rules, Part 8810.9000.	AFFIDAVIT OF MAILING THE NOTICE OF INTENT TO ADOPT A RULE WITHOUT A PUBLIC HEARING, AND CERTIFICATE OF MAILING LIST

STATE OF MINNESOTA)
)ss
COUNTY OF RAMSEY)

Kenneth H. Bjork, being sworn says:

I hereby certify that the list of persons and associations who have requested, pursuant to Minnesota Statutes, Sections 14.14, subdivision 1a and 14.22 or 14.30, that their names be placed on the Minnesota Department of Transportation rulemaking mailing list is accurate, complete, and current as of this 3rd day of July, 1990.

That on the 3rd day of July, 1990, at the City of Saint Paul, County of Ramsey, State of Minnesota, I mailed the attached Notice of Intent to Adopt a Rule Without a Public Hearing by depositing in the State of Minnesota Central Mail System for United States mailing, a copy thereof, with postage prepaid, to all persons and associations on the aforementioned mailing list.

AFFIANT:

Kenneth H. Bjork
Manager, Administrative
Procedures & Documentation

Subscribed and sworn to before me

this 3 day of July, 19 90.

Dorothy M. Tri
Notary Public

Ramsey County, Minnesota.

My Commission Expires: July 8, 1993.

DOROTHY M. TRI
NOTARY PUBLIC-MINNESOTA
RAMSEY COUNTY
MY COMMISSION EXPIRES JULY 8, 1993

STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION
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NAME AND ADDRESS	TITLE OR OFFICE	ORGANIZATION	LOCATION	DATE
SONNENBERG DAVID J 14600 MINNETONKA BLVD (5142) MINNETONKA MN 553451597	CITY ENGINEER 5	CITY OF MINNETONKA	14600 MINNETONKA BLVD	102788
	350-1			
SPARTZ GREGORY G PO BOX 1128 (9428) WILLMAR MN 56201	CHIEF EXECUTIVE OFFICER	WILLMAR STATE HOSPITAL	PO BOX 1128	123187
	350-1			
STROM KURT E 145 METRO SQUARE BLDG (1115) ST PAUL MN 55101		MN ST COUNCIL DISABILITY	145 METRO SQUARE BLDG	102789
	350-1			
SWENSON ROBERT 6201 34TH AVENUE S (1078) MINNEAPOLIS MN 55450	MESABA AIRLINES	MESABA AVIATION INC	6201 34TH AVENUE S	042688
	350-1			
THALACKER VERNON R METRO SQUARE SUITE 490 (1344) ST PAUL MN 55101	OFFICER IN CHARGE	FHWA OFC OF MOTOR CARRIER	METRO SQUARE SUITE 490	050988
	350-1			
THAYER SCOTT D PO BOX 800 (4467) AUSTIN MN 55912	CORPORATE ATTORNEY	GEO A HORMEL & COMPANY	PO BOX 800	123187
	350-1			
THOMPSON RUSSELL C PO BOX 64089 (4474) ST PAUL MN 551640089	DIRECTOR TRANSPORTATION	CENEX LAND O LAKES AG	PO BOX 64089	123187
	350-1			
TOSCU PAUL 525 PARK ST #101 (1050) ST PAUL MN 55103	MINNESOTA DIVISION	IZAAK WALTON LEAGUE OF AM	525 PARK ST #101	020988
	350-1			
VAN DE NORTH JOHN B 2200 FIRST NATL BANK BLDG (9019) ST PAUL MN 55151		BRIGGS & MORGAN PA	2200 FIRST NATL BANK BLDG	100389
	350-1			
WAAGE DANIEL L ROUTE 1 BOX H (9436) WATKINS MN 55389	ADMINISTRATOR	HILLTOP CARE CENTER	ROUTE 1 BOX H	123187
	350-1			
WARDEN KENT 927 SOO LINE BLDG (1036) MINNEAPOLIS MN 554021259	EXEC VICE PRESIDENT	MPLS ASSOC BLDG OWNER/MGR	927 SOO LINE BLDG	022190
	350-1			

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WARREN GARY 690 COULTER DR PO BOX 147 (5194) CHANHASSEN MN 55317	CITY ENGINEER	5	CITY OF CHANHASSEN	690 COULTER DR PO BOX 147	061290
	350-1				
WILSEY JR LESTER A PO BOX 64355 (0775) ST PAUL MN 55164	PRESIDENT		INDIANHEAD TRK LINE INC	PO BOX 64355	032388
	350-1				
WISNIEWSKI DONALD C 11660 MYERON RD N (5082) STILLWATER MN 550829573	HIGHWAY ENGINEER	9	COUNTY OF WASHINGTON	11660 MYERON RD N	123087
	350-1				
XXXXXXXXXXX 420 12TH AVENUE E (9424) ALEXANDRIA MN 56308	ADMINISTRATOR		KNUTE NELSON MEM HOME	420 12TH AVENUE E	042688
	350-1				
XXXXXXXXXXX 1821 UNIVERSITY AVE 2845 (9419) ST PAUL MN 55104	TRANSIT TASK FORCE		UNITED HANDICAPPED FEDN	1821 UNIVERSITY AVE 2845	042688
	350-1				
YATES HAROLD D 320 UNIVERSITY AVE (0777) ST PAUL MN 55103	PRESIDENT		TEAMSTER LOCAL 120	320 UNIVERSITY AVE	032388
	350-1				
YOST JOHN RT 8 PO BOX 348 (1003) INTL FALLS MN 56649	VICE PRESIDENT		BOHMAN AIRWAYS	RT 8 PO BOX 348	123087
	350-1				
ZEIG LEO 1000 N FRONT ST (0652) NEW ULM MN 56073	VICE PRESIDENT		DITTRICH OF MN	1000 N FRONT ST	100389
	350-1				
ZELENKA ROBERT 852 GRAIN EXCHANGE BLDG (1197) MPLS MN 55415	EXECUTIVE DIRECTOR		MINN FARMERS ELEVATOR	852 GRAIN EXCHANGE BLDG	070688
	350-1				

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RADZIEJ DAVID 111 E KELLOGG BLVD (1179) ST. PAUL MN 55101	AGC HIGHWAY DIVN ADMIN	AGC MINNESOTA	111 E KELLOGG BLVD	123187
	350-1			
RAIBER KENNETH W HEADLEY HALL (1088) ST CLOUD MN 56301	AVIATION RESOURCE CENTER	ST CLOUD STATE UNIVERSITY	HEADLEY HALL	123087
	350-1			
RANDELL PATSY A HONEYWELL PLAZA (1073) MINNEAPOLIS MN 55408	MGR STAT LEGISLATIVE AFF	HONEYWELL INC	HONEYWELL PLAZA	123187
	350-1			
RHULE SAM 310 4TH AVE S (1530) MPLS MN 55415	500 FLOUR EXCHANGE	OFC ADMIN HEARINGS	310 4TH AVE S	100389
	350-1			
RIPPENTROP GARY D 277 UNIVERSITY AVENUE (9222) ST PAUL MN 55103	EXECUTIVE VICE PRESIDENT	MINN AUTO DEALERS ASSOC	277 UNIVERSITY AVENUE	123087
	350-1			
RODEWALD JEROME C ECOLAB CENTER (1111) ST PAUL MN 55102	MGR COMPLIANCE & DEVEL	ECOLAB INC	ECOLAB CENTER	123187
	350-1			
ROMBERG CHRIS COURT HOUSE (4119) NEW ULM MN 56073	VETERANS SERVICE OFFICER	COUNTY OF BROWN	COURT HOUSE	123187
	350-1			
ROSENTHAL ABE 1821 UNIVERSITY AVE 310N (1038) ST PAUL MN 55104	PRESIDENT	MINN TRANSPORT SERVICES	1821 UNIVERSITY AVE 310N	123187
	350-1			
ROSS ALFRED 6356 WARE ROAD (1033) LINO LAKES MN 55014			6356 WARE ROAD	123087
	350-1			
RUBENSTEIN SAMUEL 6960 MADISON AVENUE W (4471) GOLDEN VALLEY MN 55427			6960 MADISON AVENUE W	123087
	350-1			
RUDRUD RONALD 2215 W OLD SHAKOPEE ROAD (5107) BLOOMINGTON MN 55431	CITY ENGINEER	5 CITY OF BLOOMINGTON	2215 W OLD SHAKOPEE ROAD	040788
	350-1			

NAME AND ADDRESS	TITLE OR OFFICE	ORGANIZATION	LOCATION	DATE
SALLSTROM CRAIG J 1821 UNIVERSITY AVE #253S (3999) ST PAUL MN 55104		MN PLANT FOOD & CHEM ASSN	1821 UNIVERSITY AVE #253S	032388
350-1				
SANFORD S M 7000 PORTLAND AVE (1082) RICHFIELD MN 55423			7000 PORTLAND AVE	123087
350-1				
SATHER CAROL ANN 10 SECOND ST NE (0983) MPLS MN 55413	LICENSE MANAGER	FARM CREDIT LEASING SERV	10 SECOND ST NE	033188
350-1				
SCANLAN JOYCE 15 S FIFTH STREET 715 (9425) MINNEAPOLIS MN 55402	PRESIDENT	NATL FED OF BLIND MINN	15 S FIFTH STREET 715	123087
350-1				
SCHENK JIM 405 HLF SOUTH BROADWAY (0805) ROCHESTER MN 55901		TEAMSTER LOCAL 160	405 HLF SOUTH BROADWAY	032388
350-1				
SCHMIT MICHAEL C 333 W 6TH ST PO BOX 755 (1100) WILLMAR MN 56201	CITY CLERK TREASURER	CITY OF WILLMAR	333 W 6TH ST PO BOX 755	123087
350-1				
SCHMITT WILLIAM L 221 E CLARK STREET (1152) ALBERT LEA MN 56007		CITY OF ALBERT LEA	221 E CLARK STREET	123087
350-1				
SCHULTZ RAY 2015 1ST AVE N (5103) ANOKA MN 55303	ASST CITY ENGR	CITY OF ANOKA	2015 1ST AVE N	112789
350-1				
SEIFERT GERALD RT 6 BOX 176 (1154) PRINCETON MN 55371	MANAGER	M I K COOP TRUCKING ASSN	RT 6 BOX 176	041588
350-1				
SHOL LUCKY PO BOX 432 (1104) FERGUS FALLS MN 56537	PRESIDENT	W CENTRAL AIRWAYS INC	PO BOX 432	123087
350-1				
SIEGMUND RON 7 TRAVELERS TRAIL (1205) BURNSVILLE MN 55337	VICE-PRES PUBLIC RELATION	MINN STATE AUTO ASSOC	7 TRAVELERS TRAIL	123187
350-1				

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MONTGOMERY TOM CITY HALL (5130) HASTINGS MN 55033	CITY ENGINEER 9	CITY OF HASTINGS	CITY HALL	012390
350-1				
MOORE J K 430 FIRST AVE N (1012) MINNEAPOLIS MN 55401	STE 790 KNICKERNICK BLDG	ERNEST K LEHMANN & ASSOC	430 FIRST AVE N	123187
350-1				
MORGAN ROBERT S A-1800 GOVERNMENT CENTER (1117) MINNEAPOLIS MN 554870180	ENGR PLANNING & PRGMNG	MINNEAPOLIS PUBLIC WORKS	A-1800 GOVERNMENT CENTER	123187
350-1				
MORRELL JAY C PO BOX 477 (0749) MONTICELLO MN 55362		M AND P TRANSPORT INC	PO BOX 477	032388
350-1				
MUELLER MICHAEL T PO BOX 281 (9433) SO ST PAUL MN 55075	VICE PRESIDENT	H T S INC	PO BOX 281	123187
350-1				
NOLTING DONALD 2504 AGA DR (5190) ALEXANDRIA MN 56308	WIDSETH SMITH NOLTING	CITY OF MORRIS	2504 AGA DR	020989
350-1				
NORD TERENCE RR 1 BOX 3 (1098) PEMBINA ND 58271	PRESIDENT	NORD AVIATION INC	RR 1 BOX 3	123187
350-1				
OLSON N G 5100 EDEN AVENUE (1054) MINNEAPOLIS MN 55436		THUNDERBIRD AIRCRAFT CO	5100 EDEN AVENUE	123087
350-1				
PELLISH JOE 3530 N LEXINGTON AVENUE (1064) ST PAUL MN 55126	DIR REGULATORY SERV DEPT	H B FULLER CO	3530 N LEXINGTON AVENUE	123187
350-1				
PERKINS ROBERT P O BOX 5002 (1170) HOPKINS MN 55344	PRESIDENT	G & R AVIATION INC	P O BOX 5002	022190
350-1				
PIILOLA ANDREW A 1821 UNIVERSITY AV 134N (0768) ST PAUL MN 551042994	CEO	MN TRUCKING ASSN	1821 UNIVERSITY AV 134N	032388
350-1				

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LOFTHUS MARK W PO BOX 78 (1074) MARSHALL MN 56258		COUNTRYSIDE COUNCIL	PO BOX 78	123087
350-1				
LON AUNE P 14299 CEDAR AVE S (2054) APPLE VALLEY MN 55337	PROJECT ENGINEER	CITY OF APPLE VALLEY	14299 CEDAR AVE S	100589
350-1				
LYNCH FRANCES 4323 LONGFELLOW AVENUE (9417) MINNEAPOLIS MN 55407		504 ADVISORY COMMITTEE	4323 LONGFELLOW AVENUE	123087
350-1				
MADKINS CAROL A 1231 25TH STREET NW (1135) WASHINGTON DC 20037	LIBRARY	BUREAU NATL AFFAIRS INC	1231 25TH STREET NW	123087
350-1				
MALINEN WILLIAM J 1281 HAMMOND ROAD (1140) WHITE BEAR MN 55110	CLERK TREASURER	TOWNSHIP OF WHITE BEAR	1281 HAMMOND ROAD	123187
350-1				
MALONEY MARK 6301 SHINGLE CREEK PKWY (5109) BROOKLYN CENTER MN 55430	CITY ENGINEER 5	CITY OF BROOKLYN CENTER	6301 SHINGLE CREEK PKWY	040990
350-1				
MARANELL MIKE L 11717 BURT ST SUITE 2 (0740) OMAHA NB 68154	TRUCK TRANSPORTATION MGR	AG PROCESSING INC	11717 BURT ST SUITE 2	100389
350-1				
MCINTOSH ANDREW 1012 GRAIN EXCHANGE BLDG (5098) MINNEAPOLIS MN 55415			1012 GRAIN EXCHANGE BLDG	123187
350-1				
MEHMEL P V P O BOX 787 (1092) WILLMAR MN 56201	EXECUTIVE DIRECTOR	W CENTRAL COMM SVCS CTR	P O BOX 787	123187
350-1				
MERRILL THOMAS E 2615 1ST AVE NW BOX 163 (1119) FARIBAULT MN 55021	PRESIDENT	FARIBAULT TRANSPORTATION	2615 1ST AVE NW BOX 163	123087
350-1				
MICHALSON GEORGE D PO BOX 418647 (0742) KANSAS CITY MO 64141	EXEC V P	MIDDLEWEST MOTOR FRE BUR	PO BOX 418647	032388
350-1				

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KASHMARK GENE 221 FAIR ST (1213) CLINTON MN 56225	PRESIDENT	KASHMARK TRUCKING INC	221 FAIR ST	041988
350-1				
KEEFE STEVE 230 E 5TH ST 4TH FLOOR (9075) ST PAUL MN 55101	CHAIRMAN	METROPOLITAN COUNCIL	230 E 5TH ST 4TH FLOOR	091389
350-1				
KEEGEL TOM 2636 PORTLAND AVE SO (0793) MPLS MN 55407		TEAMSTER LOCAL 544	2636 PORTLAND AVE SO	032388
350-1				
KING KATHY 1622 PARK AVENUE (2328) MINNEAPOLIS MN 55404	GREATER THAN 50	WILLOWS	1622 PARK AVENUE	123187
350-1				
KLEIN ALLAN 310 FOURTH AVE S #500 (1013) MINNEAPOLIS MN 55415		MINN OFC ADMIN HEARINGS	310 FOURTH AVE S #500	123187
350-1				
KNAPP JOHN A 444 CEDAR STREET (1878) ST PAUL MN 55101	1800 MERITOR TOWER	WINTHROP & WEINSTINE	444 CEDAR STREET	123087
350-1				
KROGMAN ROBERT S 2345 RICE STREET STE 173 (1208) ST PAUL MN 55113		N W PETROLEUM ASSOCIATION	2345 RICE STREET STE 173	123087
350-1				
KRUPA DENNIS 203 COOPER AVENUE N (1016) ST CLOUD MN 56301	SUPVR LICENSE DEPT	ANDERSON TRUCKING SERVICE	203 COOPER AVENUE N	123087
350-1				
LATTIN LOWELL L 1667 N SNELLING AVE (0653) ST PAUL MN 55165	TRUCK DISPATCHER	HARVEST STATES CO-OP	1667 N SNELLING AVE	032388
350-1				
LENTHE CHARLIE 9150 CENTRAL AVENUE NE (5106) BLAINE MN 55434	CITY ENGINEER 5	CITY OF BLAINE	9150 CENTRAL AVENUE NE	081589
350-1				
LIIMATAINEN SHERM 2802 WEST FIRST ST (0804) ST PAUL MN 55806		TEAMSTER LOCAL 346	2802 WEST FIRST ST	032388
350-1				

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INGVALSON VERN PO BOX 64370 (0559) ST PAUL MN 55164	MGR LEG & PUBLIC AFFAIRS	MN FARM BUREAU FEDERATION	PO BOX 64370	032398
350-1				
JACK JAMES T PO BOX 36 (1150) MANKATO MN 56001	CHAIRPERSON	MANKATO STATE UNIVERSITY	PO BOX 36	123087
350-1				
JENSEN GAYNOLD 8400 PENNSYLVANIA RD #327 (1159) MINNEAPOLIS MN 554381196	REGISTERED DIETITIAN	HEALTH CARE FACILTIES	8400 PENNSYLVANIA RD #327	100389
350-1				
JILK STEPHAN 2875 145TH ST W (1007) ROSEMOUNT MN 55068	CLERK ADMINISTRATOR	CITY OF ROSEMOUNT	2875 145TH ST W	123087
350-1				
JOHANSEN JIM 11911 CAVELL AVENUE N (1161) CHAMPLIN MN 55316	PRESIDENT	JOHANSEN BUS SVC INC	11911 CAVELL AVENUE N	12 87
350-1				
JOHNSON JOHN A RR 2 - PO BOX 79 (1009) SACRED HEART MN 56285			RR 2 - PO BOX 79	123087
350-1				
JOHNSON JAMES H 1680 4TH AVENUE (4436) NEWPORT MN 55055	DIR MARKETING & SALES	DAHLEN TRANSPORT INC	1680 4TH AVENUE	123187
350-1				
JOHNSON ROBERT D 1310 PIONEER BUILDING (1065) ST PAUL MN 55101	VICE PRESIDENT	INSURANCE FEDERATION MINN	1310 PIONEER BUILDING	123087
350-1				
JOHNSON GENE P PO BOX 2471 (1093) FARGO ND 58108	ATTORNEY AT LAW	JOHNSON & OGREN LTD	PO BOX 2471	123187
350-1				
JOHNSON GORDON H 2414 PARK AVENUE (1010) MINNEAPOLIS MN 55404		LUTHERAN SOCIAL SERVICE	2414 PARK AVENUE	123087
350-1				
KARR JEFFREY 800 EAST 28TH STREET (9420) MINNEAPOLIS MN 55407	MANAGER-TRANSPORTATION	ABBOTT-NWESTERN HOSPITAL	800 EAST 28TH STREET	123187
350-1				

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HAIDER KEN 1830 E CO RD B (1194) MAPLEWOOD MN 55109	DIR PUBLIC WORKS	CITY OF MAPLEWOOD	1830 E CO RD B	120689
	350-1			
HALLMAN WES A 302 CHESTER STREET (1042) S PAUL MN 551071203	PRESIDENT-TARIFF BUREAU	ASSOCIATED MOTOR CARRIERS	302 CHESTER STREET	123187
	350-1			
HAMMARGREN DAVID 12585 RHODE ISLAND AVE S (1460) SAVAGE MN 55378	GENERAL COUNCIL	RICHARD KNUTSON INC	12585 RHODE ISLAND AVE S	100389
	350-1			
HARRY RICHARD 1000 LAKESHORE DRIVE (1186) MOOSE LAKE MN 55767			1000 LAKESHORE DRIVE	123087
	350-1			
HOFFMAN TERRY 386 N WABASHA #840 (1183) ST PAUL MN 55102			386 N WABASHA #840	041888
	350-1			
HOFFMAN FRANCIS J 4801 W 50TH STREET (5120) EDINA MN 55424	CITY ENGINEER 5	CITY OF EDINA	4801 W 50TH STREET	091289
	350-1			
HOFFMAN CHARLES B 200 W SUPERIOR ST 811 (1181) DULUTH MN 55802		PICKANDS MATHER & COMPANY	200 W SUPERIOR ST 811	123087
	350-1			
HOGAN RAY 320 UNIVERSITY AVE (0790) ST PAUL MN 55103		TEAMSTER LOCAL 120	320 UNIVERSITY AVE	032388
	350-1			
HOLTE GREG 336 5TH AVENUE E (4476) HALSTAD MN 56550		RED RIV VAL SUGAR BEET GR	336 5TH AVENUE E	123087
	350-1			
HULSETHER JEFF 503 LAUREL ST (5108) BRAINERD MN 56401	CITY ENGINEER 3	CITY OF BRAINERD	503 LAUREL ST	102689
	350-1			
HULSETHER JEFFREY M CITY HALL (1550) BRAINERD MN 56401	CITY ENGINEER	CITY OF BRAINERD	CITY HALL	100389
	350-1			

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GEORGE DARLENE 4141 DOUGLAS DRIVE N (1168) CRYSTAL MN 55422	CITY CLERK 350-1	CITY OF CRYSTAL	4141 DOUGLAS DRIVE N	123187
GERBER ALLEN 480 CEDAR ST 380 (0436) ST PAUL MN 55101	EXECUTIVE DIRECTOR 350-1	MINN ASSN OF COOPERATIVES	480 CEDAR ST 380	123187
GEURTS RICHARD A PILLSBURY CENTEDR GM59 (0994) MPLS MN 55402	MGR FACILITY OPERATIONS 350-1	PILLSBURY COMPANY	PILLSBURY CENTEDR GM59	040788
GILLIG DEBORA J 6000 DOUGLAS DRIVE N (1045) MINNEAPOLIS MN 55429	 350-1	CRYSTAL SHAMROCK INC	6000 DOUGLAS DRIVE N	123087
GLENN NANCY N 1821 UNIVERSITY AVE #213 (1139) ST. PAUL MN 55104	OFFICE MANAGER 350-1	MINN SOCIAL SERVICE ASSN	1821 UNIVERSITY AVE #213	091389
GRABER SHERMAN AIRPORT ROAD (1157) WORTHINGTON MN 56187	OWNER 350-1	WORTHINGTON AVIATION	AIRPORT ROAD	090188
GRETZ JOHN 14200 CEDAR AVE (1041) APPLE VALLEY MN 55124	PW DIRECTOR 350-1	CITY OF APPLE VALLEY	14200 CEDAR AVE	121288
GRINDEN JOHN C DULUTH INTL AIRPORT (1184) DULUTH MN 55811	EXECUTIVE DIRECTOR 350-1	DULUTH AIRPORT AUTHORITY	DULUTH INTL AIRPORT	123087
GUNDERSON JAY C 6005 BENTON DRIVE NORTH (0545) SAUK RAPIDS MN 56379	TRANS-MAINT SUPERVISOR 350-1	JACK FROST INC	6005 BENTON DRIVE NORTH	032388
GUSTAFSON ROGER M 600 E 4TH STREET PO BOX 6 (5010) CHASKA MN 55318	HIGHWAY ENGINEER 5 350-1	COUNTY OF CARVER	600 E 4TH STREET PO BOX 6	123087
HACKING EARL 700 N MEADOW LANE (4470) MINNEAPOLIS MN 55422	 350-1		700 N MEADOW LANE	123187

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EBELING CRAIG 100 CIVIC CENTER PKWY (5179) BURNSVILLE MN 553373817	DIRECTOR PUBLIC WORKS	9	CITY OF BURNSVILLE	100 CIVIC CENTER PKWY	112889
	350-1				
EELKEMA ROBERT 2221 UNIVERSITY AVE RM400 (9329) MPLS MN 55414	LEGAL COUNSEL		MINN MEDICAL ASSOCIATION	2221 UNIVERSITY AVE RM400	123087
	350-1				
FONTAINE LEYTEN 611 IOWA AVENUE (1134) STAPLES MN 56479	EXECUTIVE DIRECTOR		RDC REGION 5	611 IOWA AVENUE	123087
	350-1				
FORBES GORDON 475 CLEVELAND AVE N #305 (1056) ST PAUL MN 55104	EXECUTIVE VICE PRESIDENT		M T PROPERTIES INC	475 CLEVELAND AVE N #305	100389
	350-1				
FOSLIEN CHARLES E METRO SQUARE BLDG 490 (0120) ST PAUL MN 55101	FEDERAL HWY ADMIN		US DEPT TRANSPORTATION	METRO SQUARE BLDG 490	051590
	350-1				
FRIESEN MILLER A PO BOX 1188 (9432) VIRGINIA MN 55792			RANGE MENTAL HEALTH CTR	PO BOX 1188	123187
	350-1				
FRISON FRANK 200 S ROBERT STREET (1120) ST PAUL MN 55107			N E C A ROOM 305	200 S ROBERT STREET	123187
	350-1				
FUNK DEBRA L 100 S PARK ST (1545) MORA MN 55371	TRANSPORTATION PLANNER		EAST CENTRAL DEVELP COMM	100 S PARK ST	011790
	350-1				
FURTH PAUL T 9 N MINNESOTA ST BOX 37 (0543) NEW ULM MN 56073	AGENT		FURTH-MEILE INSURANCE	9 N MINNESOTA ST BOX 37	032388
	350-1				
GARRETT VIOLA M PO BOX 87 (1072) PINE RIVER MN 56474	CITY CLERK TREASURER		CITY OF PINE RIVER	PO BOX 87	123087
	350-1				
GATLIN STEVE 2660 CIVIC CENTER DRIVE (5160) ROSEVILLE MN 55113	CITY ENGINEER	9	CITY OF ROSEVILLE	2660 CIVIC CENTER DRIVE	082388
	350-1				

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BURCH MARK 4701 HWY 61 (5174) WHITE BEAR LAKE MN 55110	CITY ENGINEER	9	CITY OF WHITE BEAR LAKE	4701 HWY 61	112889
350-1					
CASHMAN THOMAS E PO BOX 698 (0481) MANKATO MN 56002	EXECUTIVE VICE-PRESIDENT		N W AGRI-DEALERS ASSN	PO BOX 698	032388
350-1					
CLOSMORE JEFF L 656 PELHAM BOULEVARD (0528) ST PAUL MN 55114	REGIONAL REP		SIX TRANSFER CO	656 PELHAM BOULEVARD	030790
350-1					
COLBERT THOMAS A 3830 PILOT KNOB RD (5195) EAGAN MN 55122	DIRECTOR PUBLIC WORKS	9	CITY OF EAGAN	3830 PILOT KNOB RD	040688
350-1					
CRIST LAWRENCE J 317 E 5TH STREET #11 (1190) DES MOINES IA 50309	STATE LEGISLATIVE DIR		UNITED TRANSPORTATION UN	317 E 5TH STREET #11	123087
350-1					
CROONQUIST WILLIS G 832 LUMBER EXCHANGE BLDG (9162) MINNEAPOLIS MN 55402	STATE LEGISLATIVE DIR		UNITED TRANSP UNION	832 LUMBER EXCHANGE BLDG	032388
350-1					
DENN JAMES N 1821 UNIVERSITY AVE 134N (1178) ST PAUL MN 55104	PRESIDENT		MINN TRUCKING ASSN	1821 UNIVERSITY AVE 134N	123187
350-1					
DETERS DUANE RR 1 (1029) CALEDONIA MN 55921			RED BARON FLYERS INC	RR 1	020288
350-1					
DOLENTZ JOHN L 400 2ND STREET S (5162) ST CLOUD MN 56301	CITY ENGINEER	3	CITY OF ST CLOUD	400 2ND STREET S	062089
350-1					
DONAHUE DANIEL J 4401 XLYON AVENUE N (1018) NEW HOPE MN 55428	CITY MANAGER		CITY OF NEW HOPE	4401 XLYON AVENUE N	042490
350-1					
DVORSAK JUDY PO BOX 597 (0532) OSAKIS MN 56360			HENSLEY INC	PO BOX 597	032388
350-1					

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NAME AND ADDRESS	TITLE OR OFFICE	ORGANIZATION	LOCATION	DATE
ANDERSON HERB K 418 - 8TH ST S (1147) VIRGINIA MN 55792			418 - 8TH ST S	123087
	350-1			
ANDERSON C GARY 414 NICOLLET MALL (4458) MINNEAPOLIS MN 55401	ERAD	NORTHERN STATES POWER CO	414 NICOLLET MALL	123087
	350-1			
BAIR ANNETTE 2524 BROADWAY PO BOX 265 (1026) SLAYTON MN 56172	PHYSICAL DEVELOPEMENT PL	SW REGL DEVEL COMM	2524 BROADWAY PO BOX 265	123087
	350-1			
BARKER BRUCE 208 PHOENIX BUILDING (9210) DULUTH MN 55802	ASST VICE PRESIDENT	MINN TIMBER PRODUCERS	208 PHOENIX BUILDING	100389
	350-1			
BARTEL SEVINS D 600 N CENTRAL TOWER (1163) ST PAUL MN 55101	MGR-GOVERNMENT RELATIONS	ST PAUL CHAMBER COMMERCE	600 N CENTRAL TOWER	123187
	350-1			
BEATON JOE 3109 HENNIPEN AVE S (0779) MPLS MN 55408	ATTORNEY AT LAW		3109 HENNIPEN AVE S	032388
	350-1			
BERG GARY M 7516 80TH STREET S (1085) COTTAGE GROVE MN 55016	DIRECTOR COMMUNITY DEVELP	CITY OF COTTAGE GROVE	7516 80TH STREET S	100389
	350-1			
BERKELAND MERLE R 333 SW 6TH ST BOX 548 (0319) WILLMAR MN 56201	FIRE MARSHAL	CITY OF WILLMAR	333 SW 6TH ST BOX 548	032389
	350-1			
BERNHARDSON MARK E PO BOX 66 (1200) CRYSTAL BAY MN 55323	CITY ADMINISTRATOR	CITY OF ORONO	PO BOX 66	080388
	350-1			
BESAW DAN 411 MAIN STREET #215 (1171) ST PAUL MN 55102		MOTOR VEHICLE MFGS ASSN	411 MAIN STREET #215	123187
	350-1			
BLAKE JAY W PO BOX E (1081) THIEF RIVER FALLS MN 567010136		NORTHWESTERN RDC	PO BOX E	123187
	350-1			

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NAME AND ADDRESS	TITLE OR OFFICE	ORGANIZATION	LOCATION	DATE
BLOCK EMANUEL J 70 ORME CT. (1138) ST. PAUL MN 55115			70 ORME CT.	123087
350-1				
BODONY STEVE PO BOX 37 (4466) LAKE LILLIAN MN 56253		HANSON SILO CO	PO BOX 37	123087
350-1				
BOTZEK GARY 405 SIBLEY SUITE 120 (4130) ST PAUL MN 55101	EXECUTIVE DIRECTOR	AGGREGARE READY MIX ASSOC	405 SIBLEY SUITE 120	091588
350-1				
BOWMAN DENNIS 2115 S CASCADE (1128) FERGUS FALLS MN 56537	MANAGER TRANSPORTATION	OTTER TAIL POWER CO	2115 S CASCADE	123187
350-1				
BOYD RICHARD R 1347 W BROADWAY (9431) WINONA MN 55987	ADMINSTRATOR	SAINT ANNE HOSPICE CENTER	1347 W BROADWAY	123187
350-1				
BRICKLEY DAVID W 5129 INDUSTRIAL ST (0334) MAPLE PLAIN MN 55359	MANAGER	CIRCUIT CHEMISTRY	5129 INDUSTRIAL ST	032388
350-1				
BROEKER JOHN M 8500 NORMANDALE LAKE BLVD (1101) MINNEAPOLIS MN 55437	ATTORNEY	BROEKER GEER FLETCHER ECT	8500 NORMANDALE LAKE BLVD	123187
350-1				
BROOKS HORTON R 4TH ST & 4TH AVE S #130 (0991) MPLS MN 55415	WEIGHMASTER	MPLS GRAIN EXCHANGE	4TH ST & 4TH AVE S #130	040688
350-1				
BRUNNER MARK 555 PARK ST (1185) ST PAUL MN 55103	EXECUTIVE VICE PRESIDENT	MINN MFGD HOUSING ASSN	555 PARK ST	100389
350-1				
BRUTLAG PAUL ROUTE 1 / PO BOX 2 (3041) WENDELL MN 56590	AIRPORT OWNER/OPERATOR	MINN SUGAR BEET GROWERS	ROUTE 1 / PO BOX 2	123087
350-1				
BUNGE DARREL D 350 ST PETER ST STE 1025 (1049) ST PAUL MN 55102		MINN PETROLEUM COUNCIL	350 ST PETER ST STE 1025	062988
350-1				

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LARSON NANCY J 520 LAFAYETTE ROAD (8855) ST PAUL MN 55155	HAZARDOUS WASTE DIVISION	POLLUTION CONTROL AGENCY	520 LAFAYETTE ROAD	123187
	350-1			
MCINERNEY JR DANIEL J 717 S E DELAWARE ST (9352) MINNEAPOLIS MN 55440	ASSISTANT COMMISSIONER	MINN DEPT HEALTH	717 S E DELAWARE ST	123187
	350-1			
MOOSBRUGGER LLOYD J 515 TRANSPORTATION BLDG (0281) ST PAUL MN 55155	OFC ATTORNEY GENERAL	OFC ATTORNEY GENERAL	515 TRANSPORTATION BLDG	020588
	350-1			
MORAN JOHN E 100 STOCKYARDS ROAD (9264) SO ST PAUL MN 55075	TRANSPORTATION SPECIALIST	MINN TRANSP REG BOARD	100 STOCKYARDS ROAD	123087
	350-2			
MUETING DONALD J 525 PARK ST (0280) ST PAUL MN 55155	ASST ATTORNEY GENERAL	OFC ATTORNEY GENERAL	525 PARK ST	010790
	350-1			
RAY RON 700 STATE OFFICE BLDG (0283) ST PAUL MN 55155	ASSISTANT REVISOR	MINN STATE LEGISLATURE	700 STATE OFFICE BLDG	123087
	350-1			
SMITH RICHARD B4 CAPITOL BLDG (4472) ST PAUL MN 55155	CAPTAIN-CAPITOL SECURITY	MINN DEPT PUBLIC SAFETY	B4 CAPITOL BLDG	123187
	350-1			
SPANKS CURTIS J 520 LAFAYETTE ROAD (1187) ST PAUL MN 55155	CHIEF DIVISION WATER QUAL	POLLUTION CONTROL AGENCY	520 LAFAYETTE ROAD	123187
	350-1			
SPITZER SUSANNE P 520 LAFAYETTE ROAD 6XX (1076) ST PAUL MN 55155	AIR QUALITY DIVISION	POLLUTION CONTROL AGENCY	520 LAFAYETTE ROAD 6XX	123087
	350-1			
AHERN MICHAEL J 4800 NORWEST CENTER (1022) MINNEAPOLIS MN 554024119		MOSS & BARNETT PA	4800 NORWEST CENTER	100389
	350-1			
ALDERS JIM 414 NICOLLET MALL (1069) MINNEAPOLIS MN 55401	ADM ROUTING & SITING	NORTHERN STATES POWER CO	414 NICOLLET MALL	123187
	350-1			

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NAME AND ADDRESS	TITLE OR OFFICE	ORGANIZATION	LOCATION	DATE
SWANSON RICHARD R 413 TRANSPORTATION BLDG (0180) ST PAUL MN 55155	DIRECTOR 350-1	OFC FINANCIAL MGMT	413 TRANSPORTATION BLDG	013090
TESSMAN GERALD F 515 TRANSPORTATION BLDG (0185) ST PAUL MN 55155	STRATEGIC PLANNING COORD 350-1	OFC HUMAN RESOURCES	515 TRANSPORTATION BLDG	111289
TROOIEN DAVID G 3725 12TH ST N PO BOX 370 (0203) ST CLOUD MN 56302	38 MAINT ENG 350-1	MINN DEPT TRANSPORTATION	3725 12TH ST N PO BOX 370	123087
TSCHETTER CONNIE 610 HWY 9 S PO BOX 410 (0452) MORRIS MN 56267	48 COMM DISTR 350-2	MINN DEPT TRANSPORTATION	610 HWY 9 S PO BOX 410	022488
VOELKER KAREN 313 TRANSPORTATION BLDG (0420) ST PAUL MN 55155	OFC TRAFFIC ENGINEERING 350-1	MINN DEPT TRANSPORTATION	313 TRANSPORTATION BLDG	080588
WORKS ROBERT M 815 TRANSPORTATION BLDG (0201) ST PAUL MN 55155	OFC TRANSIT 350-1	MINN DEPT TRANSPORTATION	815 TRANSPORTATION BLDG	110789
YOERG WILLIAM N 413 TRANSPORTATION BLDG (0037) ST PAUL MN 55155	OFC OPERATIONS 350-1	MINN DEPT TRANSPORTATION	413 TRANSPORTATION BLDG	123[illegible]8
DAWSON JEAN L B12 CAPITOL BLDG **(1055)** ST PAUL MN 55155	PRESS 350-1	MINN GOVERNMENT REPORT	B12 CAPITOL BLDG	020388
DEWITT ZONA 645 STATE OFFICE BLDG (0140) ST PAUL MN 55155	350-1	MINN STATE LEGISLATURE	645 STATE OFFICE BLDG	042690
GRACZYEK STAN METRO SQUARE BLDG 490 (1776) ST PAUL MN 55101	FEDERAL HWY ADMIN 350-1	US DEPT TRANSPORTATION	METRO SQUARE BLDG 490	051789
HRUBY MARYANNE V 55 STATE OFFICE BLDG (1028) ST PAUL MN 55101	EXEC DIR LCRAR 350-1	MINN STATE LEGISLATURE	55 STATE OFFICE BLDG	123087

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SECOR JANET E 511 TRANSPORTATION BLDG (0416) ST PAUL MN 55155	OFC MANAGER 350-1	OFC R/W SURVEYS	511 TRANSPORTATION BLDG	120689
SELNESS CECIL 810 TRANSPORTATION BLDG (0166) ST PAUL MN 55155	OFC RAILROADS & WATERWAYS 350-1	MINN DEPT TRANSPORTATION	810 TRANSPORTATION BLDG	110689
SHAW DALE N W TR HWY 14 PO BOX 307 (0121) OWATONNA MN 55060	68 MAINT ENG 350-1	MINN DEPT TRANSPORTATION	W TR HWY 14 PO BOX 307	030289
SHELDRUP MARLYN E 501 S VICTORY DR BOX 4039 (0024) MANKATO MN 56001	7A MAINT ENG 350-1	MINN DEPT TRANSPORTATION	501 S VICTORY DR BOX 4039	020388
SMILONICH DAVE G36 TRANSPORTATION BLDG (0113) ST PAUL MN 55155	PRE-CONSTRUCTION DELIVERY 350-1	OFC OPERATIONS	G36 TRANSPORTATION BLDG	022890
SODER ALAN D 1400 GERVAIS (0240) MAPLEWOOD MN 55901	MISC 350-1	OFC MATERIALSW	1400 GERVAIS	050990
SOTEBEER ANDREW L S CO RD 26 PO BOX 427 (0171) WINDOM MN 56101	78 MAINT ENG 350-1	MINN DEPT TRANSPORTATION	S CO RD 26 PO BOX 427	110889
STEHR RICHARD A 120 TRANSPORTATION BLDG (0174) ST PAUL MN 55155	DIRECTOR 350-1	METRO DISTRICT	120 TRANSPORTATION BLDG	052190
SULLIVAN RICHARD H 1400 GERVIAS AVE (0178) MAPLEWOOD MN 55109	DIRECTOR OFC MATLS/RES 350-1	OFC MATLS/RESEARCH	1400 GERVIAS AVE	121489
SUNDQUIST BARBARA L 515 TRANSPORTATION BLDG (0236) ST PAUL MN 55155	PERSONNEL DIRECTOR 350-1	OFC HUMAN SERVICES	515 TRANSPORTATION BLDG	061590
SWANSON ROBERT G 810 TRANSPORTATION BLDG (0181) ST PAUL MN 55155	OFC RAILROADS & WATERWAYS 350-1	MINN DEPT TRANSPORTATION	810 TRANSPORTATION BLDG	020388

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OFSTEAD EUGENE E 413 TRANSPORTATION BLDG (0006) ST PAUL MN 55155	ASST COMMISSIONER	OFC TECHNICAL SERVICES	413 TRANSPORTATION BLDG	061590
	350-2			
PARKER ELIZABETH 100 STOCKYARD RD (8815) SO ST PAUL MN 55075	151 LIVESTOCK EXCH BLDG	MINN DEPT TRANSPORTATION	100 STOCKYARD RD	111389
	350-1			
PECORE ROBERT P 501 S VICTORY DR BOX 4039 (0144) MANKATO MN 56001	7A DISTRICT ENG	MINN DEPT TRANSPORTATION	501 S VICTORY DR BOX 4039	020388
	350-1			
PETREE ROSE B 1400 GERVAIS AVE (0415) MAPLEWOOD MN 55109		OFC RESEARCH	1400 GERVAIS AVE	021390
	350-1			
PURVIS SANDRA G 711 TRANSPORTATION BLDG (0418) ST PAUL MN 55155	OFC MANAGER	OFC RIGHT/WAY & SURVEYS	711 TRANSPORTATION BLDG	061590
	350-1			
RAISANEN DON 301 LAUREL ST PO BOX 978 (0059) BRAINERD MN 56401	3A DIST ENGINEER	MINN DEPT TRANSPORTATION	301 LAUREL ST PO BOX 978	110889
	350-1			
RIES HOWARD 3485 HADLEY AVENUE N (9362) OAKDALE MN 55128	OAKDALE METRO DET DES SUP	MINN DEPT TRANSPORTATION	3485 HADLEY AVENUE N	11 [illegible]9
	350-1			
ROUGHT RAYMOND J 417 TRANSPORTATION BLDG (0003) ST PAUL MN 55155	DIRECTOR	OFC AERONAUTICS	417 TRANSPORTATION BLDG	013090
	350-1			
RUTZEN DALE L 501 S VICTORY DR BOX 4039 (0458) MANKATO MN 56001	7A BUSINESS MANAGER	MINN DEPT TRANSPORTATION	501 S VICTORY DR BOX 4039	081589
	350-1			
SANDAHL JOHN E 1123 MESABA AVENUE (0153) DULUTH MN 55811	1A DISTRICT ENGINNEER	MINN DEPT TRANSPORTATION	1123 MESABA AVENUE	[illegible]87
	350-1			
SCHENKELBERG ALLAN J 807 TRANSPORTATION BLDG (0193) ST PAUL MN 55155	OFC HIGHWAY PROGRAMS	MINN DEPT TRANSPORTATION	807 TRANSPORTATION BLDG	032189
	350-1			

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MARSHALL FRANCIS C 419 TRANSPORTATION BLDG (0008) ST PAUL MN 55155	DIRECTOR 350-1	OFC HWY PROGRAM IMPLEMT	419 TRANSPORTATION BLDG	032890
MAY JAMES W 2505 TRANSP RD PO BOX 768 (4622) WILLMAR MN 56201	8A AREA MAINT ENGINEER 350-1	MINN DEPT TRANSPORTATION	2505 TRANSP RD PO BOX 768	092789
MCDOUGALL CAROL 1000 W TR HWY 10 BOX 666 (0450) DETROIT LAKES MN 56501	4A COMM DISTR 350-1	MINN DEPT TRANSPORTATION	1000 W TR HWY 10 BOX 666	061590
MCNAMARA LAWRENCE F 413 TRANSPORTATION BLDG (0005) ST PAUL MN 55155	ASST COMMISSIONER 350-1	OFC OPERATIONS	413 TRANSPORTATION BLDG	061590
MCRAE KERMIT N TR HWY 52 PO BOX 6177 (0137) ROCHESTER MN 55901	6A DISTRICT ENGINEER 350-1	MINN DEPT TRANSPORTATION	N TR HWY 52 PO BOX 6177	083189
MILLER JERRY L 610 HWY 9 S PO BOX 410 (0227) MORRIS MN 56267	4B MAINT ENG 350-1	MINN DEPT TRANSPORTATION	610 HWY 9 S PO BOX 410	123087
MONTGOMERY JOYCE W 420 TRANSPORTATION BLDG (0417) ST PAUL MN 55155	OFC STATE AID 350-1	MINN DEPT TRANSPORTATION	420 TRANSPORTATION BLDG	110889
MUELLER WILLIAM G 716 TRANSPORTATION BLDG (0110) ST PAUL MN 55155	DESIGN SERVICE ENG ACTING 350-1	OFC TECHNICAL SUPPORT	716 TRANSPORTATION BLDG	011790
MURPHY WAYNE F G 4 TRANSPORTATION BLDG (0223) ST PAUL MN 55155	STATE CONSTR ENGINEER 350-1	OFC CONTRACT ADMIN/MAINT	G 4 TRANSPORTATION BLDG	013090
NIELAND FRANK 100 STOCKYARD ROAD (2804) SOUTH ST PAUL MN 55075	OFC MOT CARR SAF & COMPL 350-1	MINN DEPT TRANSPORTATION	100 STOCKYARD ROAD	020388
NYGAARD MIKE M PO BOX 490 (0147) BEMIDJI MN 56601	2A MAINT ENG 350-1	MINN DEPT TRANSPORTATION	PO BOX 490	060590

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HYLTON MARGARET M 615 TRANSPORTATION BLDG (0407) ST PAUL MN 55155		OFC RESEARCH	615 TRANSPORTATION BLDG	120489
350-1				
JASZEWSKI FRANK J W HWY 61 (2012) WINONA MN 55987	6 RESIDENT ENG	MINN DEPT TRANSPORTATION	W HWY 61	020388
350-1				
KEINZ RICHARD B ST PAUL DOWNTOWN AIRPORT (0004) ST PAUL MN 55107	PROGRAM MGT DIVISION	MINN DEPT TRANSPORTATION	ST PAUL DOWNTOWN AIRPORT	110789
350-1				
KIEFFER GEORGE L 308 TRANSPORTATION BLDG (0112) ST PAUL MN 55155	DIRECTOR	SYSTEMS/ADMIN SERVICES	308 TRANSPORTATION BLDG	080389
350-1				
KOLLMANN BONNIE 461 RICE STREET (0088) ST PAUL MN 55155	FINANCE MANAGER	OFC FINANCIAL OPERATIONS	461 RICE STREET	030190
350-1				
KORTH LEO A 413 TRANSPORTATION BLDG (0117) ST PAUL MN 55155	TECHNICAL SERVICES DIVN	MINN DEPT TRANSPORTATION	413 TRANSPORTATION BLDG	110289
350-1				
KREUTZER GERALD N 301 LAUREL ST PO BOX 978 (0194) BRAINERD MN 56401	3A ASST DISTRICT ENG	MINN DEPT TRANSPORTATION	301 LAUREL ST PO BOX 978	110889
350-1				
LARSON LINDA L PO BOX 490 (0444) BEMIDJI MN 56601	2A COMM DISTR	MINN DEPT TRANSPORTATION	PO BOX 490	111289
350-1				
LARSON BRUCE A 1123 MESABA AVENUE (0043) DULUTH MN 55811	1A MAINT ENG	MINN DEPT TRANSPORTATION	1123 MESABA AVENUE	020388
350-1				
LEUZINGER DIANE 408 TRANSPORTATION BLDG (0428) ST PAUL MN 55155	OFC OF COMMISSIONER	MINN DEPT TRANSPORTATION	408 TRANSPORTATION BLDG	110789
350-0				
LINZIE MERRITT H 807 TRANSPORTATION BLDG (0126) ST PAUL MN 55155	OFC HIGHWAY PROGRAMS	MINN DEPT TRANSPORTATION	807 TRANSPORTATION BLDG	123087
350-1				

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GRUBBS MARY 807 TRANSPORTATION BLDG (0423) ST PAUL MN 55155	OFC TRANS DATA/RES & ANAL 350-6	MINN DEPT TRANSPORTATION	807 TRANSPORTATION BLDG	110488
GURTIN SANDRA D 301 LAUREL ST PO BOX 978 (0447) BRAINERD MN 56401	3A DE SECRETARY 350-3	MINN DEPT TRANSPORTATION	301 LAUREL ST PO BOX 978	062090
HALVORSON RANDALL K 815 TRANSPORTATION BLDG (0164) ST PAUL MN 55155	DIRECTOR 350-1	OFC TRANSIT	815 TRANSPORTATION BLDG	040590
HANSON GRETCHEN E 515 TRANSPORTATION BLDG (0413) ST PAUL MN 55155	OFC HUMAN RESOURCE SVCS 350-1	MINN DEPT TRANSPORTATION	515 TRANSPORTATION BLDG	111289
HAUKEBO DUANE A 417 TRANSPORTATION BLDG (0081) ST PAUL MN 55155	AST DIR-OFF OF AERONUTICS 350-1	MINN DEPT TRANSPORTATION	417 TRANSPORTATION BLDG	110889
HENSLIN GLADYS 612 TRANSPORTATION BLDG (0404) ST PAUL MN 55155	CLERK TYPIST 2 350-1	OFC DESIGN SERVICES	612 TRANSPORTATION BLDG	061590
HILL ROGER M 612 TRANSPORTATION BLDG (0100) ST PAUL MN 55155	DIRECTOR TECH SUPPORT 350-1	MINN DEPT TRANSPORTATION	612 TRANSPORTATION BLDG	111088
HODGINS DAVID M 813 TRANSPORTATION BLDG (0229) ST PAUL MN 55155	PRO MANAGEMENT DIV 350-1	MINN DEPT TRANSPORTATION	813 TRANSPORTATION BLDG	050988
HOFFMAN RONALD G 1000 W TR HWY 10 BOX 666 (0204) DETROIT LAKES MN 56501	4A DIST ENG 350-1	MINN DEPT TRANSPORTATION	1000 W TR HWY 10 BOX 666	123187
HOLLAND JERRY B 3485 HADLEY AVE N (0095) OAKDALE MN 55128	OAKDALE METRO BUS MGR 350-1	MINN DEPT TRANSPORTATION	3485 HADLEY AVE N	061590
HUGHES PATRICK C 120 TRANSPORTATION BLDG (0129) ST PAUL MN 55155	 350-1	METRO DISTRICT	120 TRANSPORTATION BLDG	060590

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DURGIN DARRYL E 413 TRANSPORTATION BLDG (0047) ST PAUL MN 55155	ASST COMMISSIONER	OFC PROGRAM MANAGEMENT	413 TRANSPORTATION BLDG	061590
	350-1			
EKERN DAVID S 2505 TRANSPORTATION RD (0080) WILLMAR MN 56201	8A DISTRICT ENGINEER	MINN DEPT TRANSPORTATION	2505 TRANSPORTATION RD	061590
	350-1			
ELLETSON JAMES K 1000 W TR HWY 10 BOX 666 (0191) DETROIT LAKES MN 56501	4A AREA MAINT ENG	MINN DEPT TRANSPORTATION	1000 W TR HWY 10 BOX 666	123087
	350-1			
ENFIELD DAVID S CO RD 26 PO BOX 427 (0460) WINDOM MN 56101	7B OFC MANAGER	MINN DEPT TRANSPORTATION	S CO RD 26 PO BOX 427	110889
	350-1			
FAUCHALD JEANNETTE 2505 TRANSP RD PO BOX 768 (0461) WILLMAR MN 56201	8A COMM DISTRIB	MINN DEPT TRANSPORTATION	2505 TRANSP RD PO BOX 768	110989
	350-1			
CARLSON DENNIS 420 TRANSPORTATION BLDG (0062) ST PAUL MN 55155	STATE AID ENGINEER	OFC STATE AID	420 TRANSPORTATION BLDG	062090
	350-1			
FLEMMING DONALD J 610D TRANSPORTATION BLDG (0020) ST PAUL MN 55155	OFC BRIDGES & STRUCTURES	MINN DEPT TRANSPORTATION	610D TRANSPORTATION BLDG	042589
	350-1			
FOOTE LAWRENCE E 704 TRANSPORTATION BLDG (0052) ST PAUL MN 55155	OFC TECHNICAL SUPPORT	MINN DEPT TRANSPORTATION	704 TRANSPORTATION BLDG	013190
	350-1			
GARGARO SAMUEL F 455 RICE STREET (0069) ST PAUL MN 55103	OFC ELEC COMMUNICATIONS	MINN DEPT TRANSPORTATION	455 RICE STREET	020388
	350-1			
GERDES DELBERT 419 TRANSPORTATION BLDG (1210) ST PAUL MN 55155	OFC COMM ASST DIR HWY PRO	MINN DEPT TRANSPORTATION	419 TRANSPORTATION BLDG	111589
	350-1			
GIPP RONALD W 1959 SLOAN PLACE (0071) MAPLEWOOD MN 55117	OFC OF COMM AUDIT	MINN DEPT TRANSPORTATION	1959 SLOAN PLACE	012690
	350-1			

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CARON DELORIS W TR HWY 14 PO BOX 307 (0456) OWATONNA MN 55060	68 COMM DISTRIB	MINN DEPT TRANSPORTATION	W TR HWY 14 PO BOX 307	050889
350-1				
CHADA GLORIA A 411 TRANSPORTATION BLDG (0426) ST PAUL MN 55155	OFC OF COMMISSIONER	MINN DEPT TRANSPORTATION	411 TRANSPORTATION BLDG	032190
350-1				
CLARKE EDWIN O 308 TRANSPORTATION BLDG (0210) ST PAUL MN 55155	DIRECTOR	ADMINISTRATIVE SUPPORT	308 TRANSPORTATION BLDG	092789
350-1				
COHOON EDWIN H 408 TRANSPORTATION BLDG (0040) ST PAUL MN 55155	ASST COMMISSIONER	OFC FINANCE & ADMIN	408 TRANSPORTATION BLDG	061590
350-1				
CRAWFORD WILLIAM M 120 TRANSPORTATION BLDG (0042) ST PAUL MN 55155	METROPOLOLITAN DIST ENGR	OFC OPERATIONS	120 TRANSPORTATION BLDG	061590
350-1				
DEMBOUSKI DIANE M 461 RICE STREET (0235) ST PAUL MN 55103	OFFICE MANAGER	OFC FINANCIAL OPERATIONS	461 RICE STREET	060190
350-1				
DIETHELM PAUL J 1400 GERVAIS AVE (0046) MAPLEWOOD MN 55109	SPECIAL PROJECTS ENGINEER	OFC MATLS RES & STNDS	1400 GERVAIS AVE	011190
350-1				
DIFFERT DOUGLAS H 408 TRANSPORTATION BLDG (0002) ST PAUL MN 55155	OFC OF COMMISSIONER	MINN DEPT TRANSPORTATION	408 TRANSPORTATION BLDG	110789
350-1				
DINNEEN RICHARD J 511B TRANSPORTATION BLDG (0048) ST PAUL MN 55155	OFC R/W & SURVEYS	MINN DEPT TRANSPORTATION	511B TRANSPORTATION BLDG	101988
350-1				
DUPRE STAN S 1400 GERVAIS AVE (0411) MAPLEWOOD MN 55109	OFFICE MANAGER	OFC MATERIALS	1400 GERVAIS AVE	061590
350-1				
DURBAHN ROGER W 515 TRANSPORTATION BLDG (0049) ST PAUL MN 55155		OFC HUMAN SERVICES	515 TRANSPORTATION BLDG	121189
350-1				

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ADOLFSON RAYMOND A 1400 GERVAIS AVE (0078) MAPLEWOOD MN 55109		OFC STANDARDS	1400 GERVAIS AVE	061590
	350-1			
ANDERSON LOUIS C N TR HWY 52 PO BOX 6177 (0012) ROCHESTER MN 55903	6A ASST DISTRICT ENG	MINN DEPT TRANSPORTATION	N TR HWY 52 PO BOX 6177	112889
	350-1			
BALDWIN JEROME C 404 TRANSPORTATION BLDG (0017) ST PAUL MN 55155	TRC	COMMUNICATION & MEDIA SVC	404 TRANSPORTATION BLDG	050990
	350-1			
BATES MARVIN G 1301 MAIN ST PO BOX 617 (0057) CROOKSTON MN 56716	2B AREA MAINT ENG	MINN DEPT TRANSPORTATION	1301 MAIN ST PO BOX 617	123087
	350-1			
BERGMAN PAUL M G 4 TRANSPORTATION BLDG (0781) ST PAUL MN 55155	CONTRACT/ADMIN ENGINEER	OFC CONTRACT/ADMIN	G 4 TRANSPORTATION BLDG	010790
	350-1			
BJORK KENNETH H 308 TRANSPORTATION BLDG (0022) ST PAUL MN 55155	MANAGER	ADM PROCDR/DOCS SEC UNIT	308 TRANSPORTATION BLDG	081683
	350-1			
		OFC CONTRACT ADMIN/MAINT	G20 TRANSPORTATION BLDG	062090
G20 TRANSPORTATION BLDG (0403) ST PAUL MN 55155	350-3			
BLOMGREN JOANNE A 612 TRANSPORTATION BLDG (0408) ST PAUL MN 55155	OFC TECHNICAL SUPPORT	MINN DEPT TRANSPORTATION	612 TRANSPORTATION BLDG	111788
	350-1			
BOLDT GORDON W 820 TRANSPORTATION BLDG (0025) ST PAUL MN 55155	DIRECTOR OFC DATA ANLYS	MINN DEPT TRANSPORTATION	820 TRANSPORTATION BLDG	111289
	350-1			
BORSON RICHARD D 408 TRANSPORTATION BLDG (0148) ST PAUL MN 55155	ASST COMMISSIONER	OFC COMMISSIONER	408 TRANSPORTATION BLDG	061590
	350-2			
CAMPBELL BARBARA J 2900 NW 48TH ST BOX 6177 (0455) ROCHESTER MN 55903	6A CLERK III	MN/DOT	2900 NW 48TH ST BOX 6177	061590
	350-1			

D. effect on optimum land use and other concerns of state and regional planning;

E. availability of other financing capability; and

F. adequacy of provision for proper operation and maintenance after construction.

~~Upon establishment of~~ When the required documentation has been completed, construction plans are complete, and priorities have been established, the commissioner shall notify the local units of government, as to ~~priority rank and~~ funding availability ~~for those bridges submitted for approval~~ from the Minnesota state transportation fund or federal funds.

The local unit of government shall by resolution agree to the terms and conditions ~~as~~ specified in the notification by the commissioner consistent with ~~Laws of~~ Minnesota ~~1976~~ Statutes, ~~chapter~~ ~~339~~ section 174.50, subdivision 5, clause (3).

8810.8500 BRIDGE AND ROADWAY SPECIFICATIONS.

The minimum geometric standards for bridge construction and roadway construction are as described in chapter 8820.

Department of Transportation

Proposed Permanent Rules Relating to Bridge Inspection and Inventory

Notice of Intent to Adopt a Rule without a Public Hearing

NOTICE IS HEREBY GIVEN that the Minnesota Department of Transportation intends to adopt the above-entitled rule without a public hearing following the procedures set forth in the Administrative Procedures Act for adopting rules without a public hearing in *Minnesota Statutes*, sections 14.22 to 14.28. The statutory authority to adopt the rule is found in *Minnesota Statutes*, Chapter 165.03 Subd. 2.

All persons have 30 days in which to submit comment in support of or in opposition to the proposed rule or any part or subpart of the rule. Comment is encouraged. Each comment should identify the portion of the proposed rule addressed, the reason for the comment, and any change proposed.

Any person may make written request for a public hearing on rule within the 30-day comment period. If 25 or more persons submit a written request for a public hearing within the 30-day comment period, a public hearing will be held unless a sufficient number withdraw their request in writing. Any person requesting a public hearing should state his or her name and address, and is encouraged to identify the portion of the proposed rule addressed, the reason for the request, and any change proposed. If a public hearing is required, the agency will proceed pursuant to *Minnesota Statutes*, sections 14.131 to 14.20.

Comments or written requests for a public hearing must be submitted to:

Donald J. Flemming
State Bridge Engineer
Office of Bridges and Structures
Minnesota Department of Transportation
610 Transportation Building
St. Paul, MN 55155

[A copy of the proposed rules is attached to this notice.]

A STATEMENT OF NEED AND REASONABLENESS that describes the need for and reasonableness of each provision of the proposed rule and identifies the data and information relied upon to support the proposed rule has been prepared and is available from the Office of Bridges and Structures, Room 610, Transportation Building, St. Paul, Minnesota 55155 upon request.

If no hearing is required, upon adoption of the rule, the rule and the required supporting documents will be submitted to the Attorney General for review as to legality and form to the extent the form relates to legality. Any person may request notification of the date of submission to the Attorney General. Persons who wish to be advised of the submission of this material to the Attorney General, or who wish to receive a copy of the adopted rule, must submit the written request to the Office of Bridges and Structures.

Dated: 23 April 1990

Leonard W. Levine
Commissioner

KEY: PROPOSED RULES SECTION — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

STATE OF MINNESOTA

DEPARTMENT OF TRANSPORTATION

Proposed Permanent Rules Relating to
Bridge Inspection and Inventory.

Notice of Extended Comment Period.

NOTICE IS HEREBY GIVEN that the comment period for the captioned rules appearing at 14 S.R. 2629 has been extended for an additional thirty days in order that the Department of Transportation might give written notice to individuals who have registered with department to receive such notices and to give the public additional time to comment on the provisions. The department requests that all comments be submitted and received not later than August 10, 1990.

Dated this 20th day of June, 1990.

LEONARD W. LEVINE
Commissioner

Department of Transportation

Proposed Permanent Rules Relating to Bridge Inspection and Inventory

Rules as Proposed

8810.9000 DEFINITIONS.

[For text of subpart 1, see M.R.]

Subp. 2. **Bridge.** "Bridge" ~~means a bridge~~ is defined as a structure including supports erected over a depression or an obstruction~~,~~ such as water, highway, or railway, ~~and~~ having a track or passageway for carrying traffic or other moving loads, and having an opening measured horizontally along the center of the roadway of ten feet or more ~~than 20 feet~~ between undercopings of abutments, ~~or more than 20 feet~~ between spring line of arches, or between extreme ends of openings for multiple boxes~~, it~~. Bridge also includes multiple pipes where the clear distance between openings is less than half of the smaller contiguous opening. Illustrations of measurements are shown in part 8810.8000, subpart 2, figures 1 to 4. This definition of a bridge ~~describes all railroad bridges~~ includes, ~~but~~ for application of ~~these rules all railroad bridges are excluded except for~~ parts 8810.9000 to 8810.9700, only those railroad bridges over or under a public highway or street.

Subp. 3. **Bridge inspector's training manual.** The Bridge Inspector's Training Manual referred to in ~~these rules~~ parts 8810.9000 to 8810.9700 is the training manual published by the Federal Highway Administration. It may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Subp. 4. **Inspection.** The term "inspection" ~~shall mean~~ means examining a structure, evaluating the physical condition observed, and reporting the observations and evaluations on the bridge inspection report form as adopted by the commissioner.

[For text of subps 5 to 7, see M.R.]

Approved by Revisor

8810.9100 PURPOSE AND SCOPE.

Subpart 1. **Purpose.** The purpose of ~~these rules~~ parts 8810.9000 to 8810.9700 is to carry out the mandate of the legislature and to implement that mandate as set forth in Minnesota Statutes, chapter 165, ~~as amended by the legislature in 1973,~~ with reference to the inspection and inventory of bridges in the state of Minnesota.

Subp. 2. **Scope.** The scope of parts 8810.9000 to ~~8810.9000~~ 8810.9700 is confined to and consistent with Minnesota Statutes, section 165.03~~, as amended~~.

8810.9200 APPLICATION OF INSPECTION AND INVENTORY STANDARDS.

These bridge inspection and inventory standards apply to ~~all structures defined in part 8810.9000 as~~ bridges ~~which either~~ that:

A. lie within or cross the borders of the state of Minnesota~~,~~ and ~~which~~ are located wholly or partially within or over the right-of-way of ~~any~~ a state trunk highway~~, or which~~;

B. are located wholly or partially within or over the right-of-way of ~~any~~ a county or ~~township~~ town road~~, or which~~;

C. are located wholly or partially within or over the ~~rights~~ right-of-way of ~~any~~ a street located within or along municipal limits~~, or which~~;

D. are toll bridges used by the general public~~,~~; or ~~which~~

E. are located on state, county, or home rule charter or statutory city lands and exist for the use of the general public. ~~All~~

Railroad bridges are excluded from ~~these rules~~ parts 8810.9000 to 8810.9700 except for railroad bridges over or under a public highway or street.

Bridges on recreation trails used only by pedestrians, bicycles, and recreational vehicles are ~~not included in these rules~~ excluded from parts 8810.9000 to 8810.9700, except for those bridges over or under a public highway or street.

Approved by Revisor _____

8810.9300 ~~PERSONNEL~~ RESPONSIBILITY AND QUALIFICATIONS.

[For text of subpart 1, see M.R.]

Subp. 2. **Qualifications.** The individual in charge of the bridge inspection and inventory for each organizational unit described ~~above shall~~ in subpart 1 must be registered in ~~the state of~~ Minnesota as a professional engineer.

The individual in charge of the inspection team ~~shall~~ must have one of the following qualifications: be registered in ~~the state of~~ Minnesota as a professional engineer; ~~or~~ have a minimum of five years experience in bridge inspection assignments in a responsible capacity and have completed a comprehensive training course based on the Bridge Inspector's Training Manual ~~which has~~ been developed by a joint federal-state task force; have current certification as a Level III or IV Bridge Safety Inspector under the National Society of Professional Engineer's program for National Certification in Engineering Technologies; or, be certified by the commissioner of transportation as a Bridge Safety Inspector.

8810.9400 FREQUENCY OF INSPECTIONS AND INVENTORY.

Subpart 1. **Inspection.** Each bridge ~~shall~~ must be inspected annually. Interim inspections at intervals of less than one year may be necessary on bridges that are posted, bridges subjected to extreme scour conditions, bridges subject to significant substructure movement or settlement, and for other reasons as specified or inferred in ~~section 2.3 of~~ the AASHTO manual.

The thoroughness of each inspection ~~will depend~~ depends on such factors as age, traffic characteristics, state of maintenance, and known deficiencies. The evaluation of these factors ~~will be~~ is the responsibility of the engineer assigned the responsibility for inspection as defined in part ~~8810.9000~~ 8810.9300, subpart 1.

[For text of subp 2, see M.R.]

8810.9500 INSPECTION REPORT AND RATINGS.

Approved by Revisor _____

Subpart 1. **Inspection.** The items to be inspected and reported on the bridge inspection report form ~~shall~~ must include but not be limited to those items specified in ~~section 2.5 of~~ the AASHTO manual. The Bridge Inspector's Training Manual ~~shall~~ must be used as a guide to additional items to be inspected for special cases.

Subp. 2. **Ratings.** Each structure required to be inspected under ~~these rules shall~~ parts 8810.9000 to 8810.9700 must be rated to determine its safe load carrying capacity and the rating ~~shall~~ must be reported on a structure inventory sheet form provided by the commissioner of transportation. A structure ~~shall~~ must be rerated when it is determined that a significant change has occurred in the condition of the structure. Ratings ~~shall~~ must be reviewed and the structure rerated if necessary when the allowable legal load using the structure ~~in~~ is increased. Changes in the rating of a bridge ~~shall~~ must be indicated on the structure inventory sheet form.

REPEALER. Minnesota Rules, part 8810.9800, is repealed.

Approved
by Revisor _____

Office of the Revisor of Statutes

Administrative Rules

TITLE: Proposed Permanent Rules Relating to Bridge Inspection and Inventory

AGENCY: Department of Transportation

MINNESOTA RULES: Chapter 8810

The attached rules are approved for publication in the State Register

Ron Ray

Ron Ray
Senior Assistant Revisor

Department of Transportation

Proposed Permanent Rules Relating to Bridge Inspection and Inventory

Notice of Extended Comment Period

NOTICE IS HEREBY GIVEN that the comment period for the captioned rules appearing at 14 S.R. 2629 has been extended for an additional thirty days in order that the Department of Transportation might give written notice to individuals who have registered with department to receive such notices and to give the public additional time to comment on the provisions. The department requests that all comments be submitted and received not later than August 10, 1990.

Dated: 20 June 1990

Leonard W. Levine
Commissioner

Department of Transportation

Proposed Permanent Rules Relating to State-Aid Highway Operations

Notice of Intent to Adopt a Rule Without a Public Hearing

NOTICE IS HEREBY GIVEN that the Minnesota Department of Transportation intends to adopt the above-entitled rule without a public hearing following the procedures set forth in the Administrative Procedures Act for adopting rules without a public hearing in *Minnesota Statutes*, sections 14.22 to 14.28. The statutory authority to adopt the rule is found in *Minnesota Statutes*, Chapter 162.02 Subd. 2 and 162.09 Subd. 2.

All persons have 30 days in which to submit comment in support of or in opposition to the proposed rule or any part or subpart of the rule. Comment is encouraged. Each comment should identify the portion of the proposed rule addressed, the reason for the comment, and any change proposed.

Any person may make written request for a public hearing on rule within the 30-day comment period. If 25 or more persons submit a written request for a public hearing within the 30-day comment period, a public hearing will be held unless a sufficient number withdraw their request in writing. Any person requesting a public hearing should state his or her name and address, and is encouraged to identify the portion of the proposed rule addressed, the reason for the request, and any change proposed. If a public hearing is required, the agency will proceed pursuant to *Minnesota Statutes*, sections 14.131 to 14.20.

Comments or written requests for a public hearing must be submitted to:

Gordon M. Fay, Director
Office of State Aid
420 Transportation Building
St. Paul, MN 55155

[A copy of the proposed rules is attached to this notice.]

A STATEMENT OF NEED AND REASONABLENESS that describes the need for and reasonableness of each provision of the proposed rule and identifies the data and information relied upon to support the proposed rule has been prepared and is available from the Office of State Aid, Room 420, Transportation Building, St. Paul, Minnesota 55155 upon request.

If no hearing is required, upon adoption of the rule, the rule and the required supporting documents will be submitted to the Attorney General for review as to legality and form to the extent the form relates to legality. Any person may request notification of the date of submission to the Attorney General. Persons who wish to be advised of the submission of this material to the Attorney General, or who wish to receive a copy of the adopted rule, must submit the written request to the Office of State Aid.

Dated: 17 April 1990

Leonard W. Levine
Commissioner

Rules as Proposed

8820.0100 DEFINITIONS.

[For text of subpart 1, see M.R.]

Subp. 1a. **ADT.** "ADT" means average daily traffic.

[For text of subps 2 and 2a, see M.R.]

(13)

STATE OF MINNESOTA

DEPARTMENT OF TRANSPORTATION

In the Matter of the Proposed Adoption of the Rule of the State Department of Transportation Governing Bridge Inspection and Inventory (Minnesota Rule Chap. 8810.9000).	FINDINGS OF FACT, CONCLUSIONS, AND ORDER ADOPTING RULE WITHOUT PUBLIC HEARING

Minnesota Statutes Sections 162.02 and 162.09 require the establishment of a committee of twenty-one appointed and elected officials to review and recommend additions, deletions and or amendments to the rules for State Aid Operations. It was deemed advisable to have this same committee review the above referenced rule in conjunction with the review of the State Aid Rule. The committee did therefore review the above referenced rule and did make recommendations to the rule which were then proposed for adoption under the procedures required by Minnesota Statutes Chapter 14.

(1) Notice of the Commissioner's intent to adopt the above entitled rule was published in the State Register on May 14,1990 and was sent by United States mail to all persons on the list maintained by the agency pursuant to Minnesota Statutes, section 14.14, subdivision 1a and 14.22 on July 3,1990. (2) The statement of need and reasonableness was prepared before the notice of intent to adopt a rule without a public hearing was mailed to all persons on the rulemaking mailing list and published in the State Register and was available to the public.

(4) All persons were given the opportunity to submit comment on the rule for 30 days after notice of proposed rulemaking.

(5) No requests for a public hearing on the rule were received by the agency.

(7) No requests for notification when submittal of the rule to the attorney general for approval were received.

Based on the comments and evidence in the record before the agency, I find the following:

(8) The above captioned rule is needed and reasonable.

(9) NOW, THEREFORE, IT IS ORDERED that the rule identified as BRIDGE INSPECTION AND INVENTORY (MINNESOTA RULE CHAPTER 8810.9000) is adopted this 23rd day of August,1990, pursuant to authority vested in the Commissioner by Minnesota Statutes 165.03 Subd. 2.

Leonard W. Levine

Leonard W. Levine
Commissioner of Transportation

In the Matter of the Proposed Adoption of the Rule of the State Department of Transportation Governing Bridge Inspection and Inventory (Minnesota Rule Chap. 8810.9000).

DECLARATION OF COUNSEL

I, Donald J. Mueting, Assistant Attorney General, do hereby declare that I have examined the above captioned rule, and the supporting rulemaking record, and that, based on my examination, the Administrative Procedure Act and Minnesota Rules, chapter 210 have been followed. Any exceptions are listed below. For Attorney General billing purposes, the four-digit docket client code is 0799.

Assistant Attorney General

Date: September 7,1990

Exceptions:

The Notice of Intent to Adopt A Rule Without A Public Hearing does not include a statement that the rule may be modified if the modifications are supported by data and views submitted to the agency and do not result in a substantial change in the rule as noticed.


SEP 1990
RECEIVED
STATE AID
DIVISION

165.03 subd 2

The commissioner of transportation shall adopt official inventory and bridge inspection .... The commissioner of transportation shall prescribe the standards for bridge inspection and inventory by rules.

Notice of ~~Intent~~

missing (8) a statement that ~~if a hearing is required~~ the proposed rule may be modified ...

~~Statement~~ Need and Reasonableness

no reason why 8810.9800 was deleted

~~nothing in Statement of Need about 8810.9300, 8810.9400, 8810.9500~~

all the changes under these sections are minor except 8810.9300 ~~when used~~ they add a qualification of having current certification as a Level III or ~~II~~ IV Bridge Safety Inspector ... The need and reason should have been stated why especially where they received comments about it ~~Dec. 8 1989 letter from James Tebbitt indicates "or" should be used~~ added to not make certification as a level III

its reasonable

8810.9300 line 17 and 18
how do you become certified by the Commissioner of Transportation as a Budge Inspector - should there be criteria?

8820 went for a hearing that is why there are comments on the rules but they were not submitted to us

SONAR

M.R. 8810.9800

Why taken out / repealed

8810.9300

Criteria (additional) no reason why reasonable and necessary.