

1 Department of Transportation

2

3 Adopted Permanent Rules Relating to Bridge Construction and

4 Reconstruction

5

6 Rules as Adopted

7 8810.8000 DEFINITIONS.

8 Subpart 1. **Abandonment.** "Abandonment" means the

9 abandoning of an existing bridge.

10 Subp. 1a. **Agency.** "Agency" means a county, municipality,
11 or township.

12 Subp. 2. **Bridge.** "Bridge" is defined as a structure
13 including supports erected over a depression or an obstruction
14 such as water, highway, or railway, having a track or passageway
15 for carrying traffic or other moving loads, and having an
16 opening measured horizontally along the center of the roadway of
17 ten feet or more between undercopings of abutments, between
18 spring line of arches, or between extreme ends of openings for
19 multiple boxes. Bridge also includes multiple pipes where the
20 clear distance between openings is less than half of the smaller
21 contiguous opening. Illustrations of measurements are shown as
22 Figures 1 to 4. This definition of a bridge includes, for
23 application of parts 8810.8000 to 8810.8500, only those railroad
24 bridges over or under a public highway or street.

FIGURE 1: MEASUREMENT OF BRIDGE BETWEEN UNDERCOPINGS

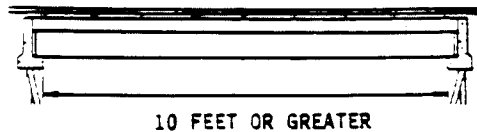
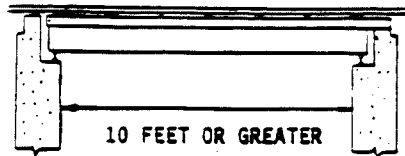


FIGURE 2: MEASUREMENT OF STRUCTURE BETWEEN SPRING LINES

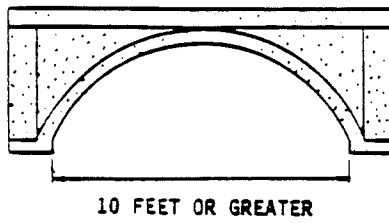


FIGURE 3: MEASUREMENT OF BOX CULVERTS

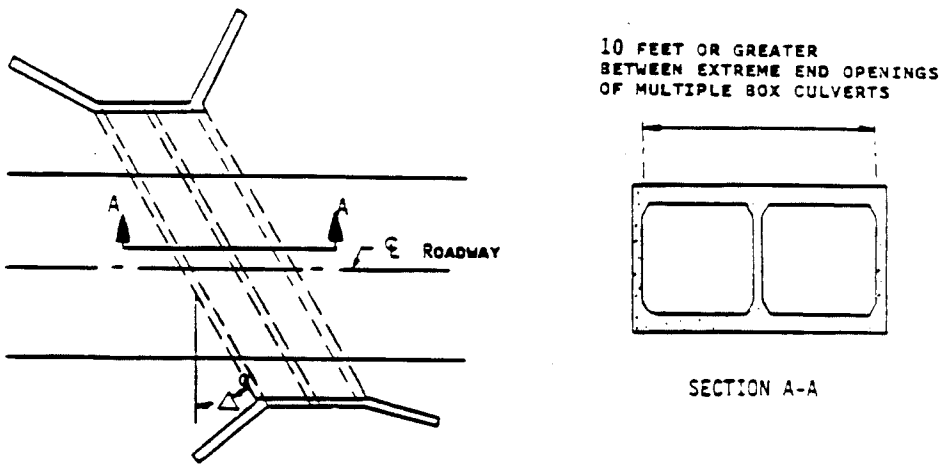
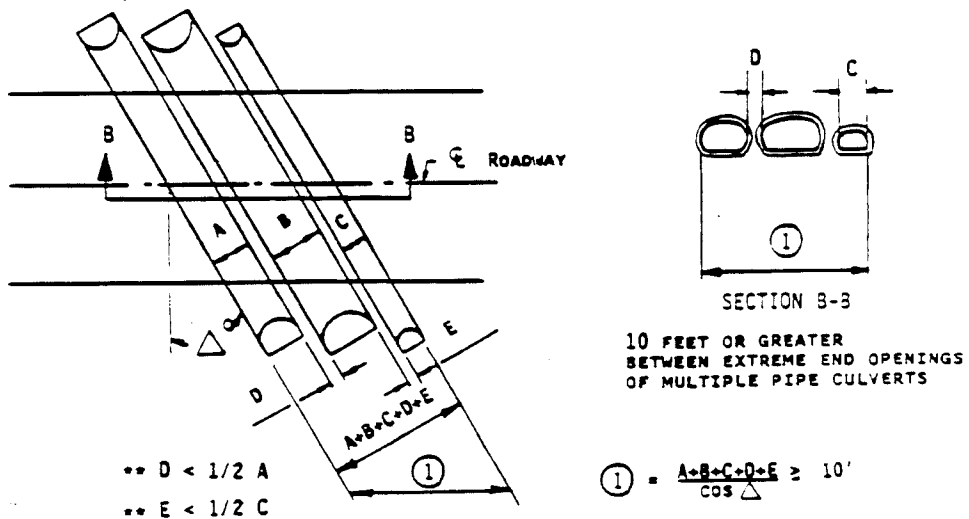


FIGURE 4: MEASUREMENT OF MULTIPLE CULVERTS



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

1 [For text of subp 3, see M.R.]

2 Subp. 4. **Construction.** "Construction" means the
3 construction of a road, street, or bridge to replace an existing
4 deficient bridge or a bridge that has been destroyed.

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

6 Subp. 8. **Road systems defined.** "Other roads or streets"
7 means those local roads and streets, not on the state-aid
8 system, under the jurisdiction of the counties, municipalities,
9 and townships.

10 "State-aid" means the system of roads and streets
11 established and designated by the commissioner under the
12 jurisdiction of a county or urban municipality.

13 "Trunk highway" means the system of routes established by
14 law, the location of which has been established by the
15 commissioner under the jurisdiction of the state of Minnesota.

16 [For text of subp 9, see M.R.]

17 8810.8100 PURPOSE AND SCOPE.

18 Subpart 1. **Purpose.** The purpose of parts 8810.8000 to
19 8810.8500 is to carry out the mandate of the legislature and to
20 implement that mandate as set forth in Minnesota Statutes,
21 section 174.50.

22 Subp. 2. **Scope.** The scope of parts 8810.8000 to 8810.8500
23 is intended to be confined within the framework of and
24 consistent with Minnesota Statutes, section 174.50.

25 8810.8110 ELIGIBILITY; RESTRICTION.

26 For purposes of eligibility for funding under parts
27 8810.8000 to 8810.8500, some restrictions apply as follows:

28 A. Railroad bridges are eligible only if they are
29 under the jurisdiction of a local unit of government. The
30 replacement of a private bridge owned by a railroad company is
31 not eligible.

32 B. A bridge to be constructed where no previous
33 bridge exists is not eligible.

34 8810.8200 APPLICATION FOR CONSTRUCTION OR RECONSTRUCTION GRANTS.

1 Subpart 1. **Counties.** The county board in cooperation with
2 other local units of government within the county, other than
3 urban municipalities, shall determine a proposed program for the
4 construction or reconstruction of key bridges within the county
5 other than urban municipal or trunk highway bridges.

6 This county board by resolution shall request of the
7 commissioner authorization to construct or reconstruct specific
8 bridges or remove an abandoned bridge within the county and
9 request funding.

10 When local units of government cannot reach agreement with
11 the county board, the local units of government may apply
12 independently. Then the local unit of government by resolution
13 shall request of the commissioner authorization to construct or
14 reconstruct specific bridges or remove an abandoned bridge and
15 request funding.

16 Subp. 2. **Urban municipalities.** The city council by
17 resolution shall request of the commissioner authorization to
18 construct or reconstruct specific bridges or remove an abandoned
19 bridge within the municipality and request funding.

20 [For text of subp 3, see M.R.]

21 8810.8300 REVIEW BY REGIONAL DEVELOPMENT COMMISSION OR
22 METROPOLITAN COUNCIL.

23 The commissioner shall submit the application of the
24 agencies to the proper regional development commission or
25 metropolitan council, as the case may be, for review of
26 consistency with long-term comprehensive development plans and
27 guides for which the agencies are responsible.

28 8810.8400 ESTABLISHMENT OF PRIORITIES.

29 The commissioner, using information furnished by the local
30 units of governments from the statewide bridge inventory, shall
31 establish a statewide priority of bridge construction or
32 reconstruction.

33 This priority must be based on the relative seriousness of
34 each bridge's deficiencies as determined from the inventory and
35 appraisal after considering the following criteria established

1 in Minnesota Statutes, section 174.50, subdivision 6:

2 A. effectiveness of the project in eliminating a
3 deficiency in the transportation system;

4 B. number of persons affected by the deficiency;

5 C. economic feasibility;

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

8 E. availability of other financing capability; and

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

11 When the required documentation has been completed,
12 construction plans are complete, and priorities have been
13 established, the commissioner shall notify the local units of
14 government, as to funding availability from the Minnesota state
15 transportation fund or federal funds.

16 The local unit of government shall by resolution agree to
17 the terms and conditions specified in the notification by the
18 commissioner consistent with Minnesota Statutes, section 174.50,
19 subdivision 5, clause (3).

20 8810.8500 BRIDGE AND ROADWAY SPECIFICATIONS.

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