



MINNESOTA DEPARTMENT OF TRANSPORTATION
Program Support Group
Technical Memorandum No. 02-21-TS-06
August 8, 2002

To: Distribution 57, 612, 618, 650

From: Richard Stehr
Assistant Commissioner, Program Support Group

Subject: Adjusting Rings

Expiration

This Technical Memorandum supersedes TM 97-26-DS-05 and will remain in effect until August 20, 2007 unless superseded prior to that date.

Implementation

The contents herein are effective immediately.

Guidelines

Concrete adjusting rings are used in the construction of manholes and catch basins to obtain the proper height of these structures. When used in catch basins, a 100mm (**4 inch**) concrete encasement must be placed around the outside of the adjusting rings and frame casting to prevent infiltration of water. The encasement is to be placed at the time of final casting placement as shown in the attached drawing.

High Density Polyethylene (HDPE) adjusting rings can be used as an alternate to concrete adjusting rings. However, only formulations and designs for which test data have been submitted to and approved by Mn/DOT will be permitted.

HDPE adjusting rings must be properly sealed as recommended by the manufacturer and approved by the Engineer.

Questions

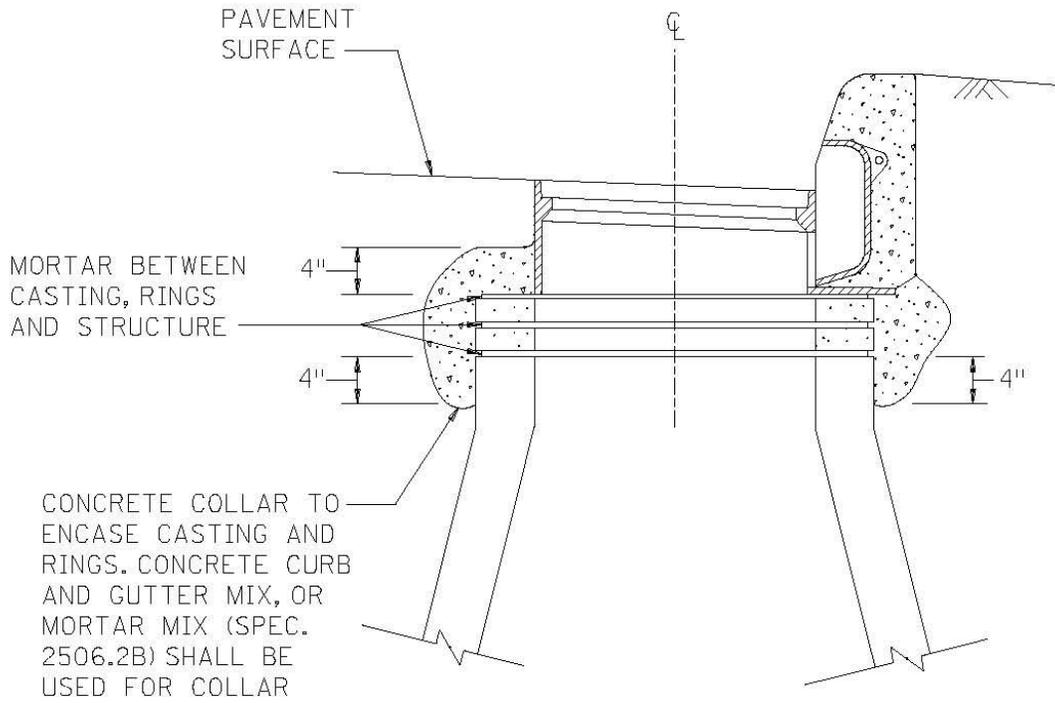
Questions regarding the contents of this Technical Memorandum should be directed to Mohammad Dehdashti, Design Standards Engineer at (651) 296-4859.

Questions regarding the publication of this Technical Memorandum should be directed to Mohammad Dehdashti, Design Standards Engineer at (651) 296-4859, or Jennifer Abernathy, Design Services Administrative Assistant at (651) 296-2381.

Attachments: [Concrete Encased Casing, Reference Date: 2-6-91](#)
[Concrete Encased Casing \(Metric\), Date: February 6, 1991](#)

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FILE NAME ENCASE.DGN



SECTION

REFERENCE DATE
2-6-91

CONCRETE ENCASED CASTING

