

Distribution: 71

MINNESOTA DEPARTMENT OF TRANSPORTATION DEVELOPED BY: Design Standards ISSUED BY: Engineering Services	TRANSMITTAL LETTER NO. (91-1) MANUAL: Standard Plates DATED: January 8, 1991
SUBJECT: Revised Standard Plates	

The attached Standard Plates have been given approval by the FHWA and may now be referenced by their appropriate number in the plans.

4110E Cover Cast for Manhole

This plate has been modified to reflect a new cover casting design now being produced. The new design is stronger, lighter and less expensive than the old design.

4126F Catch Basin Frame Casting

A note has been added to this plate to allow the use of Curb Box No. 822 which is used with Design S Curb.

9322J Chain Link Fence - 2 sheets

The primary change in this plate is the limitation of aluminum posts and frame members. The galvanized steel post is more corrosion resistant. Additional drawings of new details have been added.

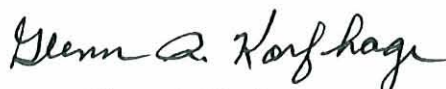
VOID: 8317D Guardrail Anchorage for Assembly for Bridges

This plate should be used only for maintenance purposes. Copies of the plate may be obtained from the Engineering Services Section, Room 704, Transportation Building, St. Paul, MN 55155, if needed.

INSTRUCTIONS:

1. Record the transmittal letter number, date and subject on the transmittal record sheet in the front of the manual.
2. Remove from the manual: 4109C (Backside 4110D), 4126E (Backside 4127E), 9322I - 1 of 2 (Backside 9322I 2 of 2) and 8317D (Backside 8318C)
3. Insert in the manual: 4109C (Backside 4110E), 4126F (Backside 4127E) and 9322J - 1 of 2 (Backside 9322J 2 of 2) and 8318C (Backside blank).
4. Any technical questions regarding this transmittal should be directed to Glenn R. Korfhage, Design Standards Engineer, (612) 296-4859.
5. Any questions concerning the distribution of this material should be directed to Map and Manual Sales, (612) 296-2216. Please furnish any address changes in writing to: Map and Manual Sales, Room B-20 Transportation Building, St. Paul, MN 55155.

NOTE: The last transmittal letter for the Standard Plates Manual was (90-2).



Glenn R. Korfhage
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