

Figure 5-397.406(A)
Conduit System (Lighting) Type F Concrete Barrier Blister, With or Without Wearing Course

Approved and signed, August 24, 2016.

Approved 08-24-2016

GENERAL: Throughout the Standard:

- Sheet number changed from 5-397.406 to 5-397.406(A) to accommodate the addition of a Type S Barrier (Fig. 5-397.406(B)).
- The size of the blister was increased slightly to accommodate the new anchorage assembly as detailed on B950.
- The "SUMMARY OF QUANTITIES" table was eliminated per recent MnDOT policy.
- Updated conduit to use PVC coated RSC.

At PLAN VIEW – LIGHT POLE ANCHORAGE ON TYPE F BARRIER:

Increased the size of the blister & modified associated dimensions

Added bar L508E

Increased horizontal leg of bar L507E

Added control joints at each end of blister.

At SECTION B-B:

Increased the size of the blister & modified associated dimensions.

At ISOMETRIC VIEW:

Added control joints at each end of blister.

Added ground rod and note © in hand hole.

At GENERAL NOTES:

Changed note from "All material listed above is included in price bid for "Conduit System (Lighting)"" to "Anchor Bolt Cluster is included in price bid for "Conduit System"".

Changed note ① from "The 1-1/2" dia. conduit shall extend 3" above the railing and be capped" to "Extend the 1-1/2" dia. PVC coated rigid steel conduit 3" above the barrier and install cap."

Added 2nd sentence to note ② – "Weight of reinforcement is included in price bid for "Reinforcement Bars (Epoxy Coated)"."

Eliminated note ③. Changed note ④ to note ③.

Added new notes ④, ⑤, and ⑥.

At DESIGNER NOTE:

Added "Per note ②, be sure to add the weight of additional rebar to the reinforcement quantity."

At SECTION A-A:

Changed dimensions, reinforcement, notes, etc. to match plan view.

Corrected callouts for bars L503E, L504E, and L505E.

At CONDUIT PLACEMENT DETAIL:

Changed dimensions to match detail B950.

At COMBINATION DEFLECTION/EXPANSION FITTING:

Updated notes.

At BILL OF REINFORCEMENT and REINFORCEMENT BAR LAYOUTS:

Updated bar lengths. Added bar lengths for bridges with and without a wearing course.

Minnesota Department of Transportation – Bridge Office
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Added bar L508E.

Revised 04-17-2013

This standard was updated to convert reinforcing bar marks from metric to U.S. customary bar designations.

Approved, and signed, May 24, 2011

NEW STANDARD