

MICHIGAN
DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION
FOR
IRON CASTINGS OR COMPOSITE COVERS

RSD:NJM

1 of 1

APPR:MJF:REL:04-14-26

FHWA:APPR:04-16-26

Add the paragraph below to subsection 908.05, on page 9-59 of the Standard Specifications for Construction, following the first paragraph:

Composite frames and covers may be substituted for iron castings at locations not subjected to motorized traffic, subject to approval by the Engineer. Provide composite frames and covers that adhere to applicable portions of AASHTO M306, including manufacturing tolerances, proof-load testing and acceptance criteria, inspection requirements, certification, and markings. Provide certification that composite frames and covers meet ultraviolet requirements as defined in ASTM G154 (Cycle 1 for 1600 hours), having been tested for ultimate flexural strength retaining at least 75% of control values for load and deflection at failure. Proof-load test composite frames and covers at 50,000 pounds. Mechanically attach composite covers to frames using stainless steel hardware.