

SECTION 02350 – METAL BIN RETAINING WALLS

Replace this Section except for the Section number and title with the following:

(Follow all instructions and make all edits with “Track Changes” turned on. If there are no instructions [purple text] above a subsection, paragraph, sentence, or bullet, then include it in the Project. Delete all purple text before preparing the final document. All other modifications to this Section will require ODOT Technical Resource and State Specifications Engineer approval.)

Description

02350.00 Scope - This Section includes the requirements for galvanized steel sheets and hardware for the assembly of metal bin retaining walls.

Materials

02350.10 Base Metal, Galvanizing, and Thickness - Design all members, fittings and appurtenances as integral units or parts of the whole assembly. Furnish galvanized sheets used in fabricating the members according to the requirements of AASHTO M 218. Galvanize or otherwise protect with approved coatings all bolts, nuts and miscellaneous hardware of sizes and shapes suitable for use with the members furnished.

Fabricate the members from the specified base metal of the thickness shown. In the absence of given thickness or dimensions for any member, fitting or appurtenance, provide a thickness of metal or dimensions of the member as required to fully develop the strength of the members whose thickness and dimensions are given, and that are used in structural combination.

02350.20 Fabrication - Fabricate all members so members of the same nominal size are fully interchangeable. Fabricate and punch the members so no drilling, punching or drifting to correct defects in manufacture are required during field assembly. Any members having improperly punched holes are rejected. Replace with a member with properly punched holes.