Figure 5-395.111
Alternate Dropwalls for Box Culverts

Approved, and signed, March 24, 2011. Last date revised: October 9, 2015.

**Revised 10-09-2015**
Added to right hand side of sheet: “Designer Note (Remove prior to plotting final plan): Before culvert plans are prepared, take samples from the drainage area for pH determination. The soil and water should have a pH of 6.5 or more if sheet steel is used.”

Under CONSTRUCTION NOTES:
- Changed first note from: “Galvanize all fasteners per spec. 3392.” to “Galvanize all fasteners and anchors per spec. 3392.”
- Removed note: “Before culvert plans are prepared, samples shall be taken from the drainage area for pH determination. The soil and water should have a pH of 6.5 or more if sheet steel is used.”
- Added note: “Galvanize steel angles per spec. 3394.”

**Revised 11-06-2013**
Throughout the sheet:
- Removed the term “Mn/DOT” from all of the locations referencing a Mn/Dot spec.

Updated the signature block to make it similar to other standards.

**Re-approved 03-24-2011**
This Standard Figure 5-395.111 was re-approved with all the other Precast Concrete Box Culvert Standard Figures even though there were no changes.

Approved, and signed, December 11, 2000.