DEPARTMENT OF TRANSPORTATION
STATE OF MINNESOTA

SOLE PLATE
(FOR BEARINGS WITH PINTLES)

B303

STATE BRIDGE ENGINEER

1'-5" M AND RB SHAPE BEAMS
2'-1'½" MN SHAPE BEAMS
3'-2½" MH AND MW SHAPE BEAMS

PINTLE HOLE DETAIL

SECTION A-A

NOTES:

- PROVIDE STRUCTURAL STEEL PER SPEC. 3306.
- PROVIDE WELDED STUDS OF WELDABLE CARBON STEEL PER SPEC. 3391.20.
- GALVANIZE SOLE PLATE FOR BEARING ASSEMBLY PER SPEC. 3394 AFTER FABRICATION.
- ENSURE PINTLE HOLES ARE FREE OF ZINC BUILD UP FROM GALVANIZING.
- SOLE PLATES ARE INCIDENTAL TO PRESTRESSED CONCRETE BEAMS.

1. FOR ½" DIA. PINTLES.
2. THESE DIMENSIONS MAY BE MODIFIED TO CLEAR PRESTRESSED STRANDS, HOWEVER, CHANGES MUST BE APPROVED BY THE ENGINEER.
3. STUD WELDING PER AWS D1.1.

APPROVED: SEPTEMBER 22, 2011
Nancy Donkerbergen
STATE BRIDGE ENGINEER

STATE OF MINNESOTA
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12-20-2018

DETAIL NO. B303