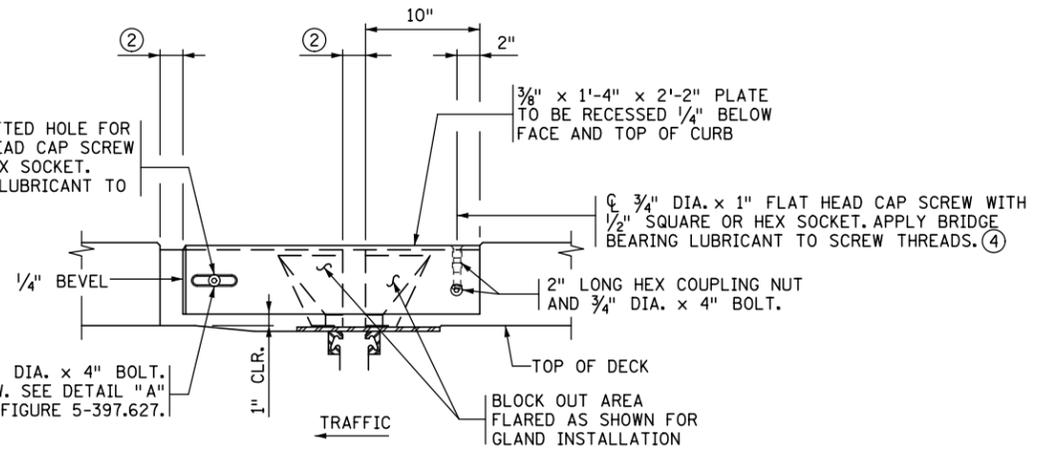


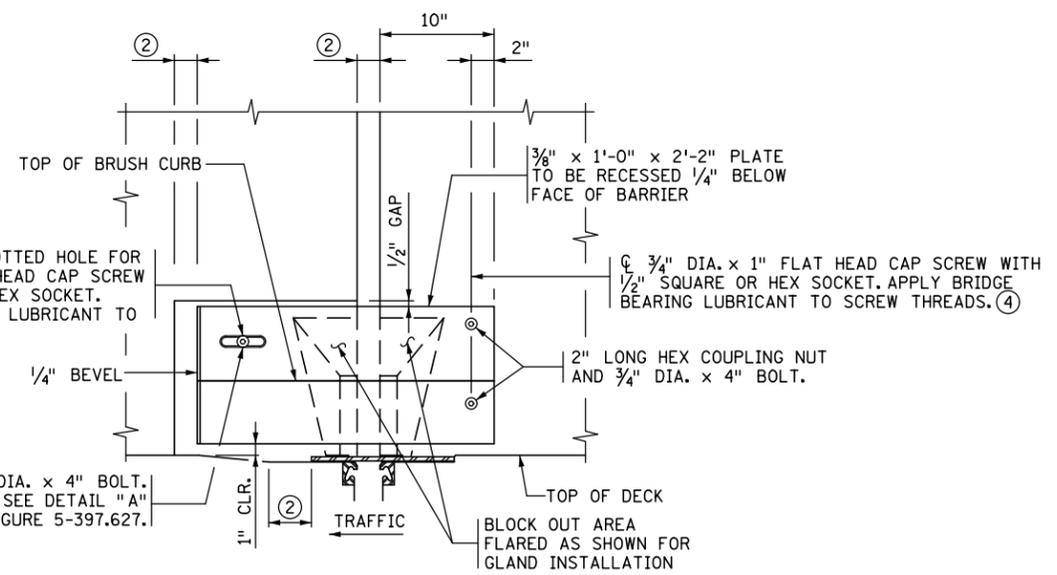
1" DIA. x 6" LONG SLOTTED HOLE FOR 3/4" DIA. x 1 1/2" FLAT HEAD CAP SCREW WITH 1/2" SQUARE OR HEX SOCKET. APPLY BRIDGE BEARING LUBRICANT TO SCREW THREADS. ④



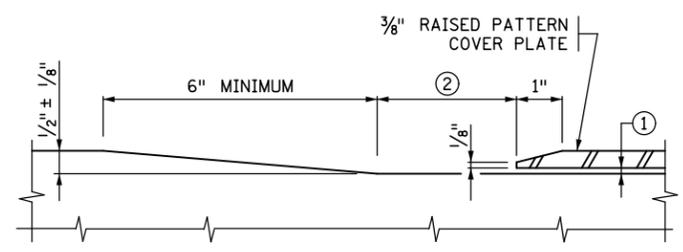
INSIDE ELEVATION OF CONCRETE CURB

2" LONG HEX COUPLING NUT AND 3/4" DIA. x 4" BOLT. DO NOT TIGHTEN DOWN CAP SCREW. SEE DETAIL "A" ON STANDARD FIGURE 5-397.627.

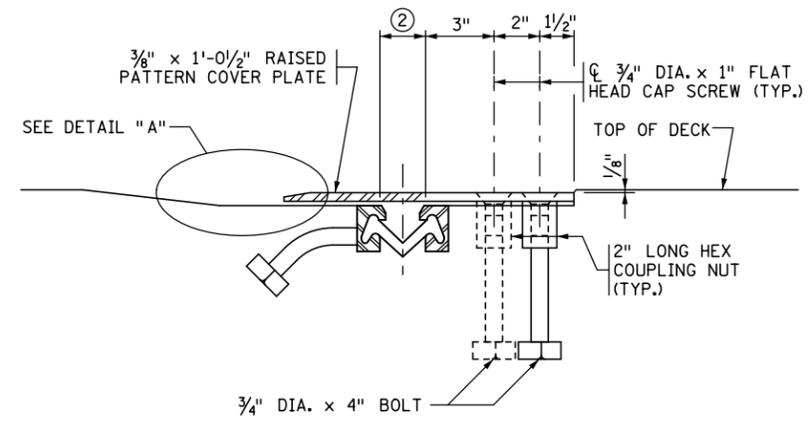
1" DIA. x 6" LONG SLOTTED HOLE FOR 3/4" DIA. x 1 1/2" FLAT HEAD CAP SCREW WITH 1/2" SQUARE OR HEX SOCKET. APPLY BRIDGE BEARING LUBRICANT TO SCREW THREADS. ④



OUTSIDE ELEVATION OF F BARRIER (BACK OF TYPE F BARRIER)



DETAIL "A" ③

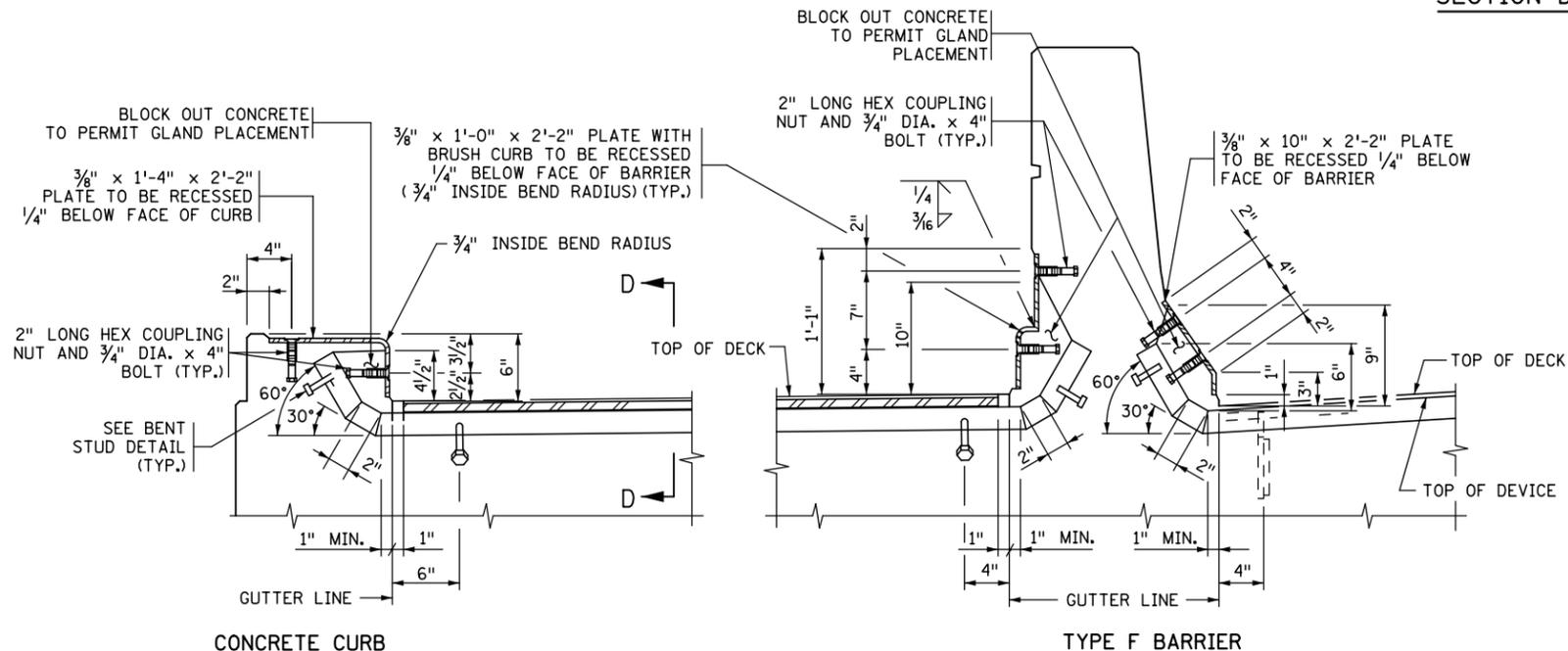


SECTION D-D ③

GENERAL NOTES

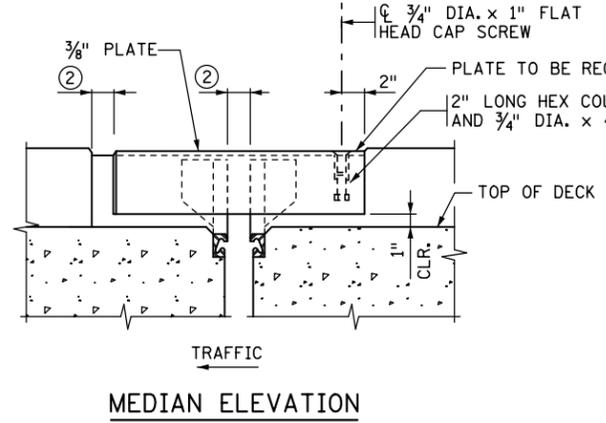
- SEE STANDARD FIGURE 5-397.627 FOR ADDITIONAL DETAILS AND NOTES.
- 3/4" DIA. x 1" FLAT HEAD CAP SCREW WITH 1/2" SQUARE OR HEX SOCKET PER SPEC 3391. CAP SCREWS SHALL BE COUNTERSUNK 1/16" BELOW TOP OF PLATE. APPLY BRIDGE BEARING LUBRICANT TO SCREW THREADS. ④
- ① PROVIDE SMOOTH CONCRETE FINISH BENEATH PLATE WITH 0" MIN. TO 1/8" MAX. GAP BETWEEN CONCRETE AND UNDERSIDE OF PLATE.
- ② SEE NOTE ② ON STANDARD FIGURE 5-397.627.
- ③ DIMENSIONS SHOWN ARE REQUIRED TO COMPLY WITH A.D.A. STANDARDS.
- ④ LUBRICANT PER MNDOT APPROVED/QUALIFIED PRODUCTS LIST: BRIDGE GREASE.

NOTE: TRANSVERSE DECK REINFORCEMENT MAY BE SHIFTED THE MINIMUM DISTANCE REQUIRED FOR EXPANSION DEVICE PLACEMENT

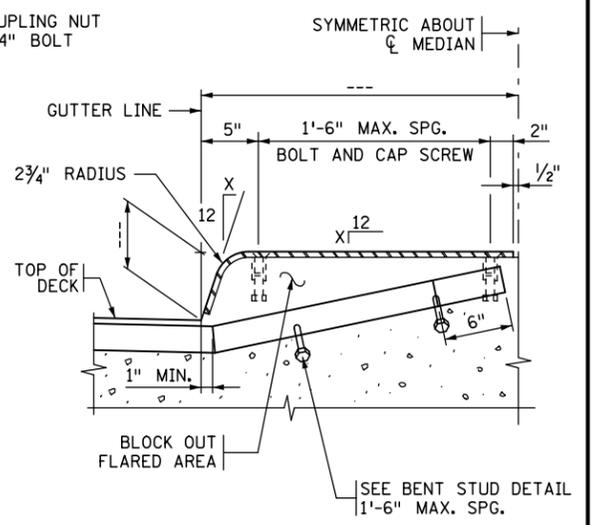


CONCRETE CURB

TYPE F BARRIER



MEDIAN ELEVATION



MEDIAN SECTION

REVISION: 05-25-2016
 APPROVED: NOVEMBER 6, 2013
 Nancy Subenberger
 STATE BRIDGE ENGINEER

SECTION THROUGH BARRIER AND CURB - INTEGRAL SIDEWALK

CERTIFIED BY _____ DATE _____
 LICENSED PROFESSIONAL ENGINEER
 NAME: _____ LIC. NO. _____

TITLE: WATERPROOF EXPANSION DEVICE
 (RAISED MEDIAN OR INTEGRAL SIDEWALK WITH CURB)

DES: _____ DR: _____
 CHK: _____ CHK: _____
 SHEET NO. OF SHEETS
 APPROVED: _____ BRIDGE NO. _____

FIG. 5-397.632