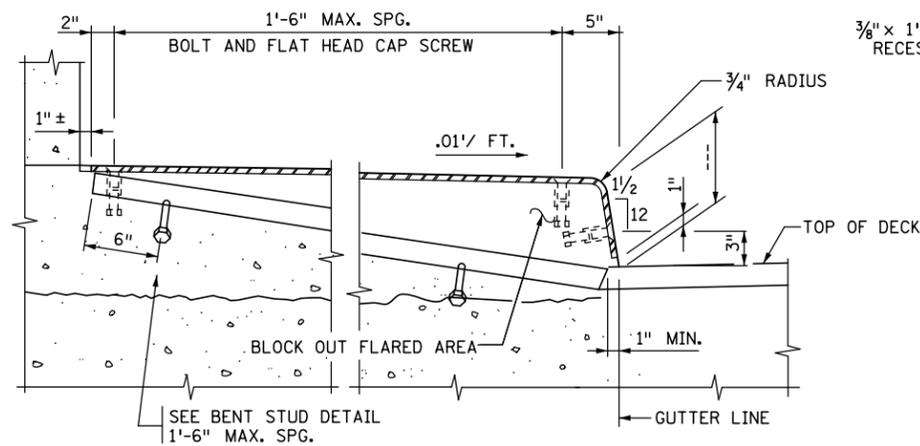
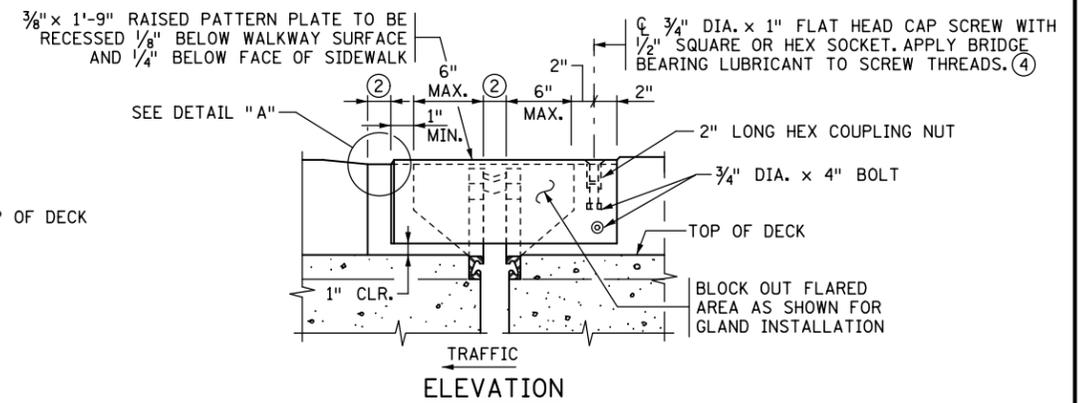


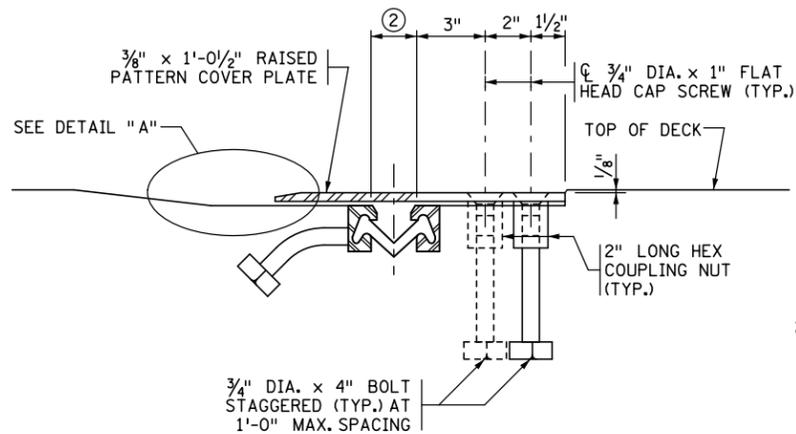
SECTION THROUGH RAISED SIDEWALK - OPTION 1



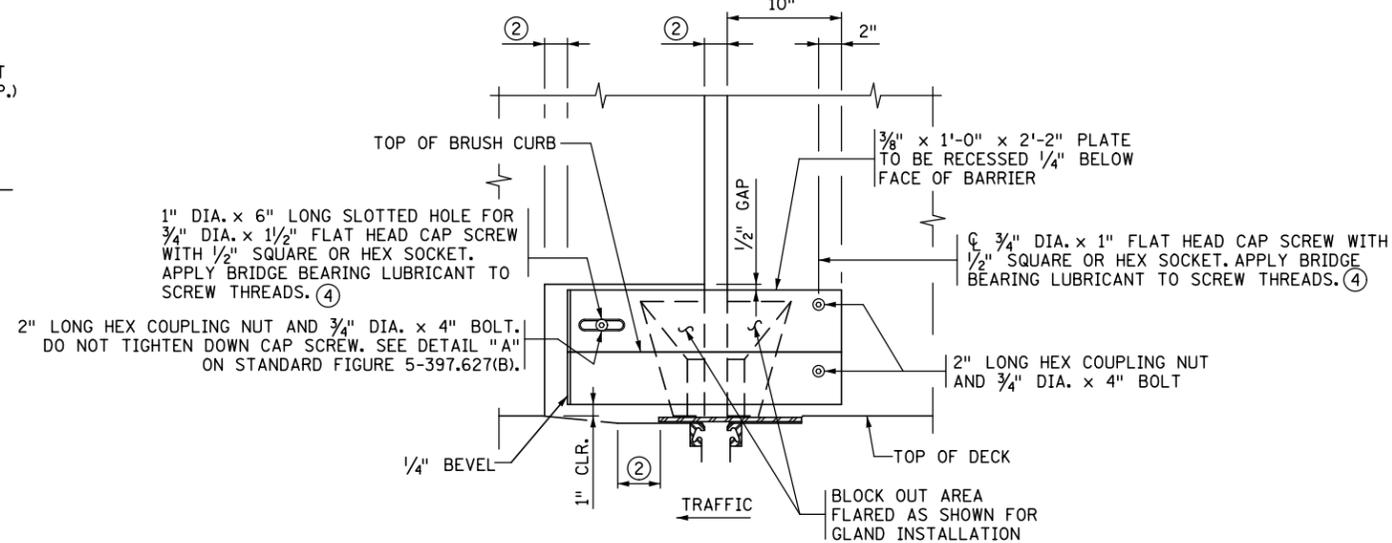
SECTION THROUGH RAISED SIDEWALK - OPTION 2



RAISED SIDEWALK DETAILS

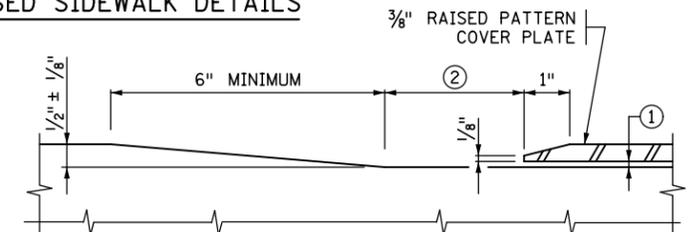


SECTION D-D (3)  
(INTEGRAL SIDEWALK)



ELEVATION

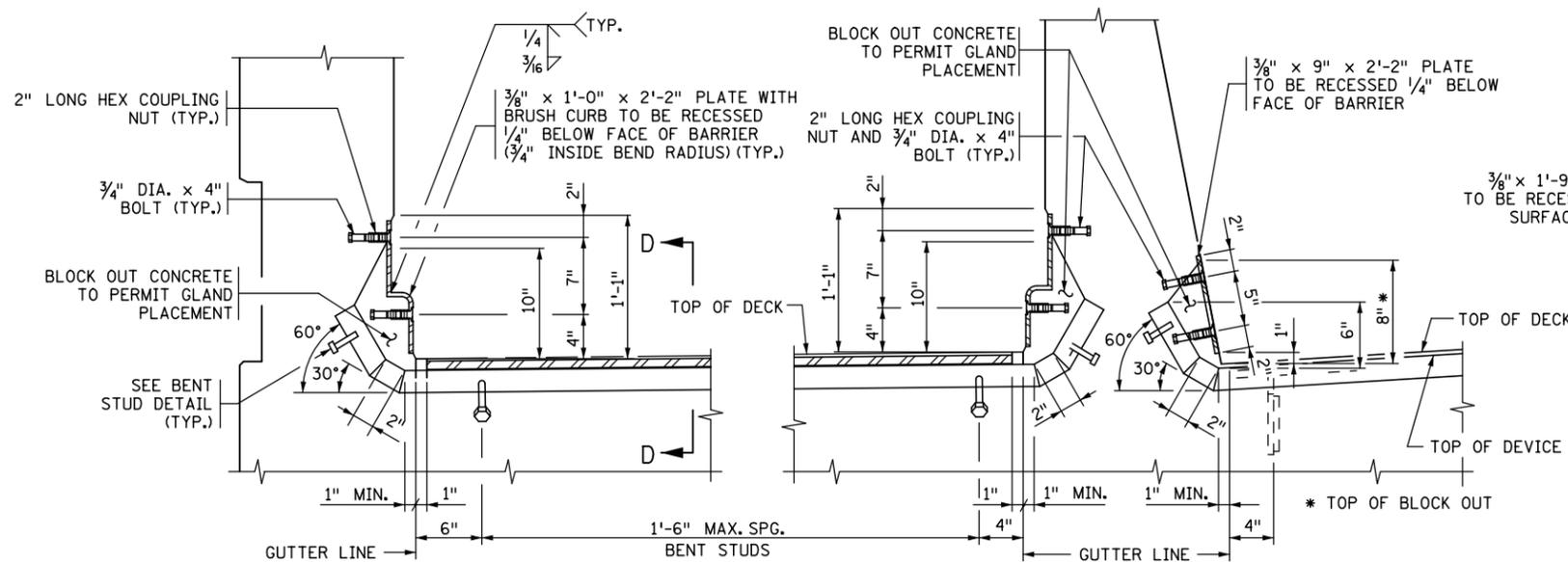
(CONCRETE PARAPET AND BACK OF TYPE S BARRIER)



DETAIL "A" (3)

GENERAL NOTES

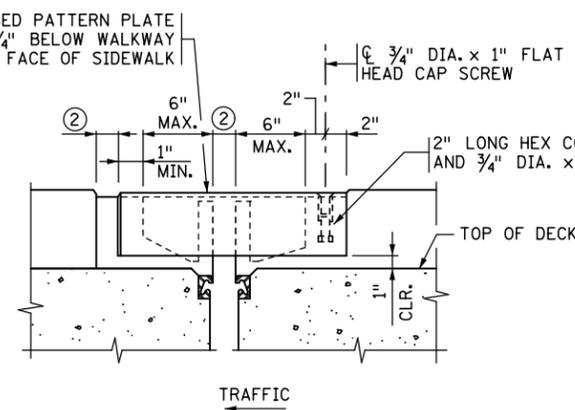
- SEE STANDARD FIGURE 5-397.627(B) FOR ADDITIONAL DETAILS AND NOTES.
- TRANSVERSE DECK REINFORCEMENT MAY BE SHIFTED THE MINIMUM DISTANCE REQUIRED FOR EXPANSION DEVICE PLACEMENT.
- 3/4" DIA. X 1" FLATHEAD CAP SCREW WITH 1/2" SQUARE OR HEX SOCKET PER SPEC 3391. COUNTERSINK CAP SCREWS 1/16" BELOW TOP OF PLATE. APPLY BRIDGE BEARING LUBRICANT PER MNDOT APPROVED PRODUCTS LIST 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. PROVIDE BOND BREAKER (DUCT TAPE, ETC.) TO UNDERSIDE OF COVER PLATE.
- (2) SEE NOTE (2) ON STANDARD FIGURE 5-397.627(B).
- (3) DIMENSIONS SHOWN ARE REQUIRED TO COMPLY WITH A.D.A. STANDARDS.
- (4) LUBRICANT PER MNDOT APPROVED/QUALIFIED PRODUCTS LIST: BRIDGE GREASE.



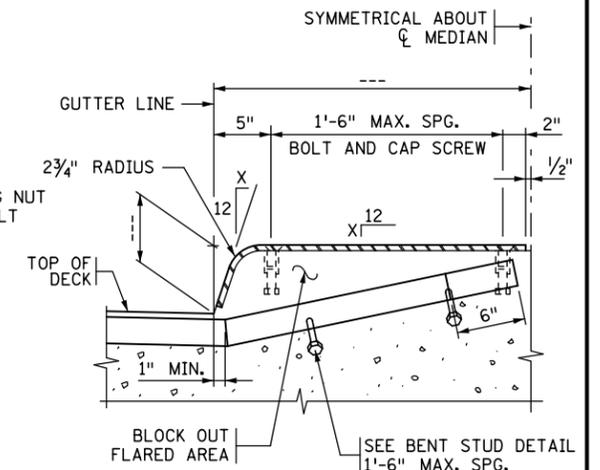
CONCRETE PARAPET BARRIER

TYPE S BARRIER

SECTION THROUGH BARRIERS - INTEGRAL SIDEWALK



MEDIAN ELEVATION



MEDIAN SECTION

REVISION:

APPROVED: AUGUST 24, 2016  
*Kevin Weston*  
STATE BRIDGE ENGINEER

CERTIFIED BY \_\_\_\_\_ DATE \_\_\_\_\_  
LICENSED PROFESSIONAL ENGINEER  
NAME: \_\_\_\_\_ LIC. NO. \_\_\_\_\_

TITLE: WATERPROOF EXPANSION DEVICE  
(RAISED MEDIAN OR SIDEWALK WITH S BARRIER AND PARAPET)

DES: \_\_\_\_\_ DR: \_\_\_\_\_  
CHK: \_\_\_\_\_ CHK: \_\_\_\_\_  
SHEET NO. OF SHEETS

FIG. 5-397.630(B)

APPROVED: \_\_\_\_\_ BRIDGE NO. \_\_\_\_\_