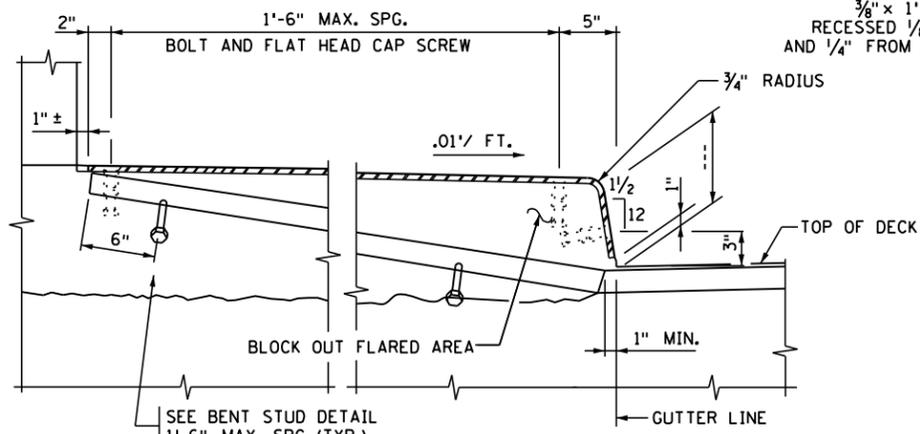
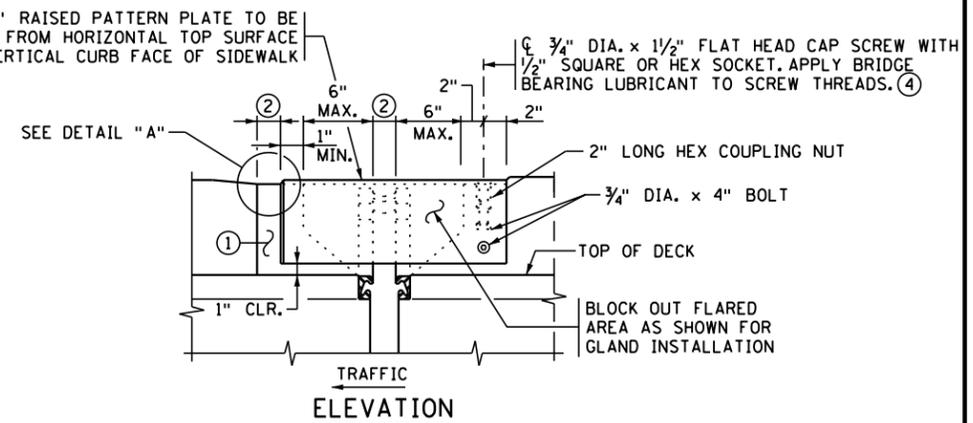


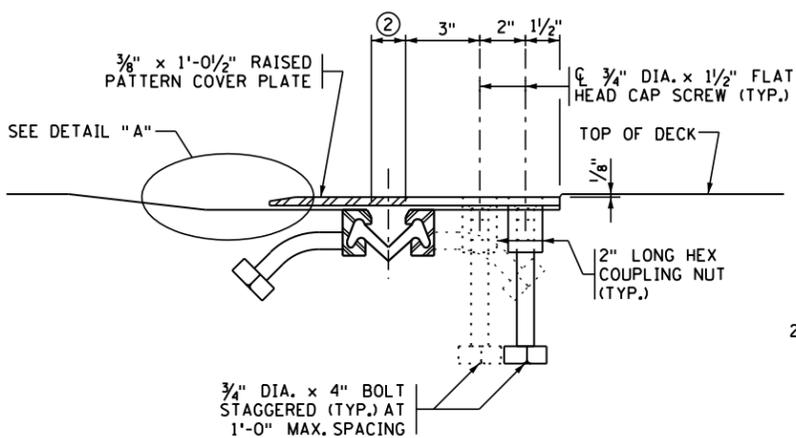
SECTION THROUGH RAISED SIDEWALK - OPTION 1



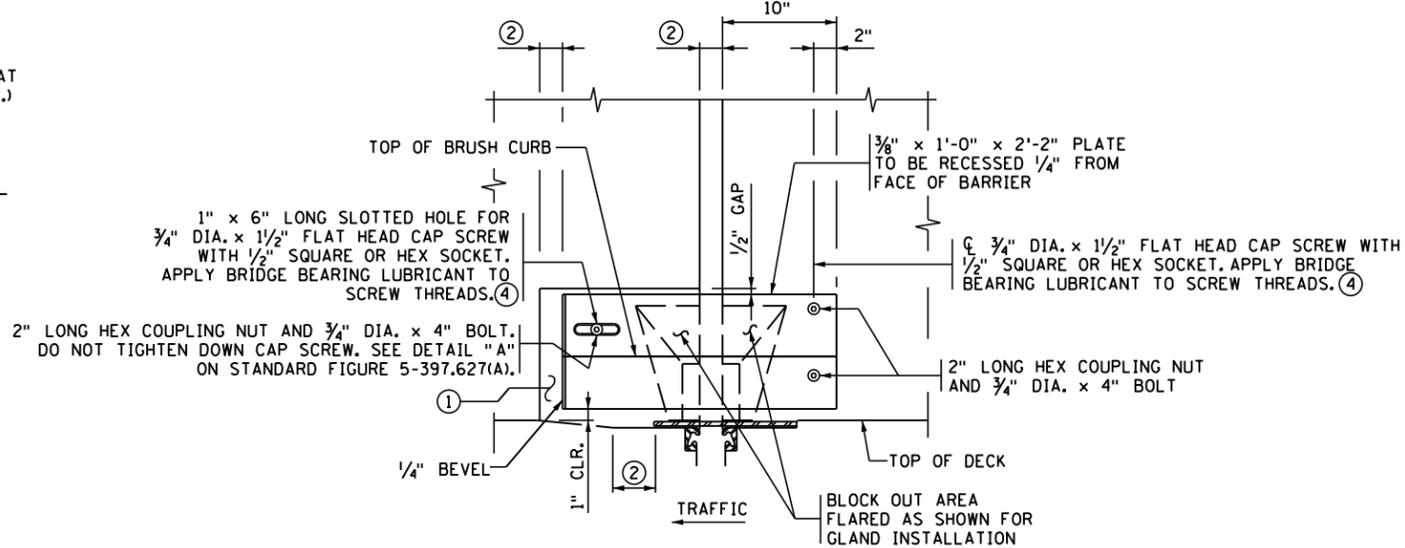
SECTION THROUGH RAISED SIDEWALK - OPTION 2



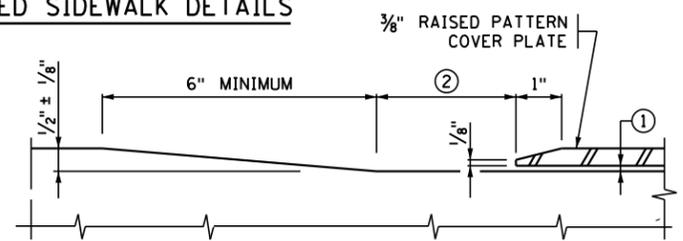
RAISED SIDEWALK DETAILS



SECTION D-D (INTEGRAL SIDEWALK)



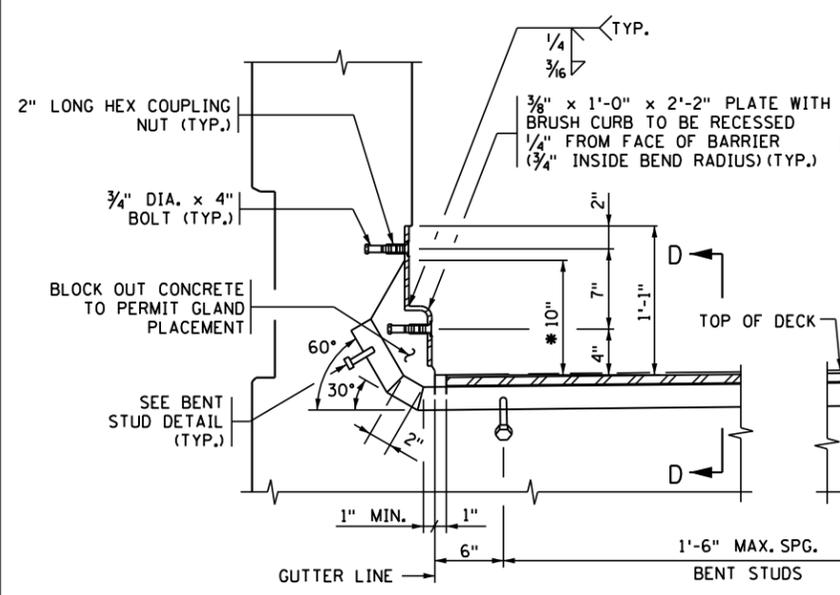
ELEVATION (CONCRETE PARAPET AND BACK OF TYPE F BARRIER)



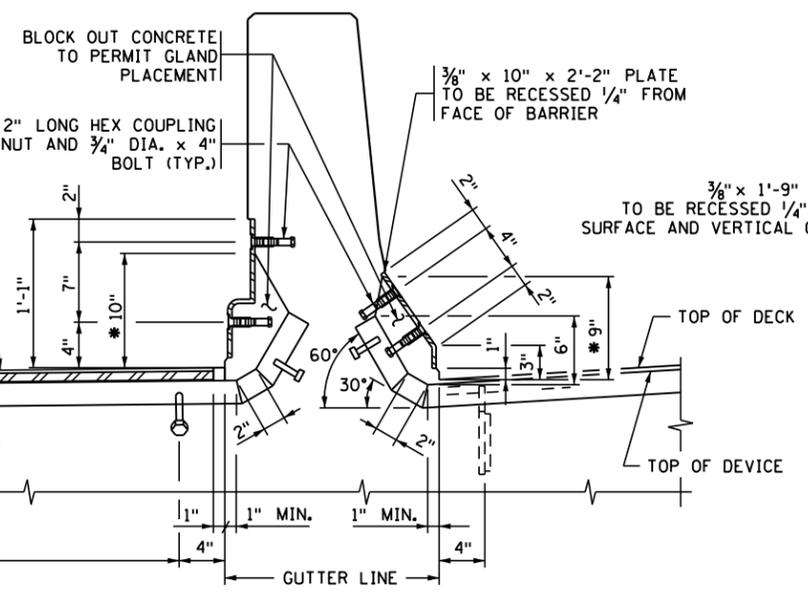
DETAIL "A"

- GENERAL NOTES**
- SEE OTHER WATERPROOF EXPANSION DEVICE SHEET FOR ADDITIONAL DETAILS AND NOTES.
  - TRANSVERSE DECK REINFORCEMENT MAY BE SHIFTED THE MINIMUM DISTANCE REQUIRED FOR EXPANSION DEVICE PLACEMENT.
  - 3/4" DIA. X 1/2" FLATHEAD CAP SCREW WITH 1/2" SQUARE OR HEX SOCKET PER SPEC 3391. COUNTERSINK CAP SCREWS 1/16" FROM 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 OTHER WATERPROOF EXPANSION DEVICE SHEET.
  - (3) DIMENSIONS SHOWN ARE REQUIRED TO COMPLY WITH A.D.A. STANDARDS.
  - (4) LUBRICANT PER MnDOT APPROVED/QUALIFIED PRODUCTS LIST: BRIDGE GREASE.

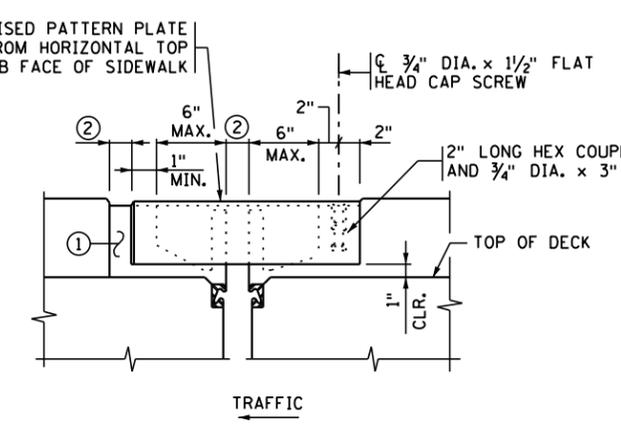
**DESIGNER NOTE**  
(REMOVE PRIOR TO PLOTTING FINAL PLAN; ALWAYS INCLUDE STANDARD FIGURE 5-397.627(A) ALONG WITH THIS SHEET.)



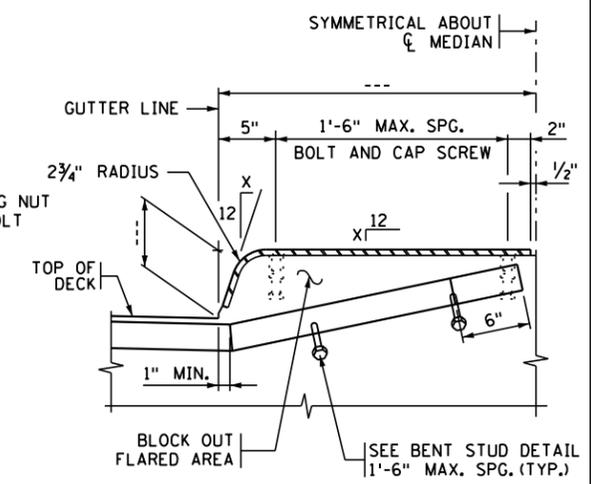
CONCRETE PARAPET



TYPE F BARRIER



MEDIAN ELEVATION



MEDIAN SECTION

REVISION: OCTOBER 22, 2019  
APPROVED: AUGUST 24, 2016  
*Kevin Westrom*  
STATE BRIDGE ENGINEER

SECTION THROUGH BARRIERS - INTEGRAL SIDEWALK

FIG. 5-397.630(A)

|                    |                |   |            |            |                                 |                  |
|--------------------|----------------|---|------------|------------|---------------------------------|------------------|
| CERTIFIED BY _____ | DATE _____     | TITLE: WATERPROOF EXPANSION DEVICE (RAISED MEDIAN OR SIDEWALK WITH F BARRIER AND PARAPET) | DES: _____ | DR: _____  | APPROVED: _____                 | BRIDGE NO. _____ |
| NAME: _____        | LIC. NO. _____ |   | CHK: _____ | CHK: _____ | SHEET NO. _____ OF _____ SHEETS |                  |