

**BOLT LEGEND:**

- EXISTING BOLT
- NEW BOLT IN EXISTING HOLE OR IN HOLE FIELD DRILLED TO MATCH EXISTING HOLE
- NEW BOLT IN NEW HOLE

**NOTES:**

BARRIER AND CURB ASSEMBLY TO BE REMOVED, STORED DURING STRINGER AND DECK REPLACEMENT, AND REASSEMBLED.

ALL BOLTS ARE 7/8" DIAMETER ASTM F3125 GRADE A325, GALVANIZED HIGH STRENGTH BOLTS, EXCEPT AS NOTED.

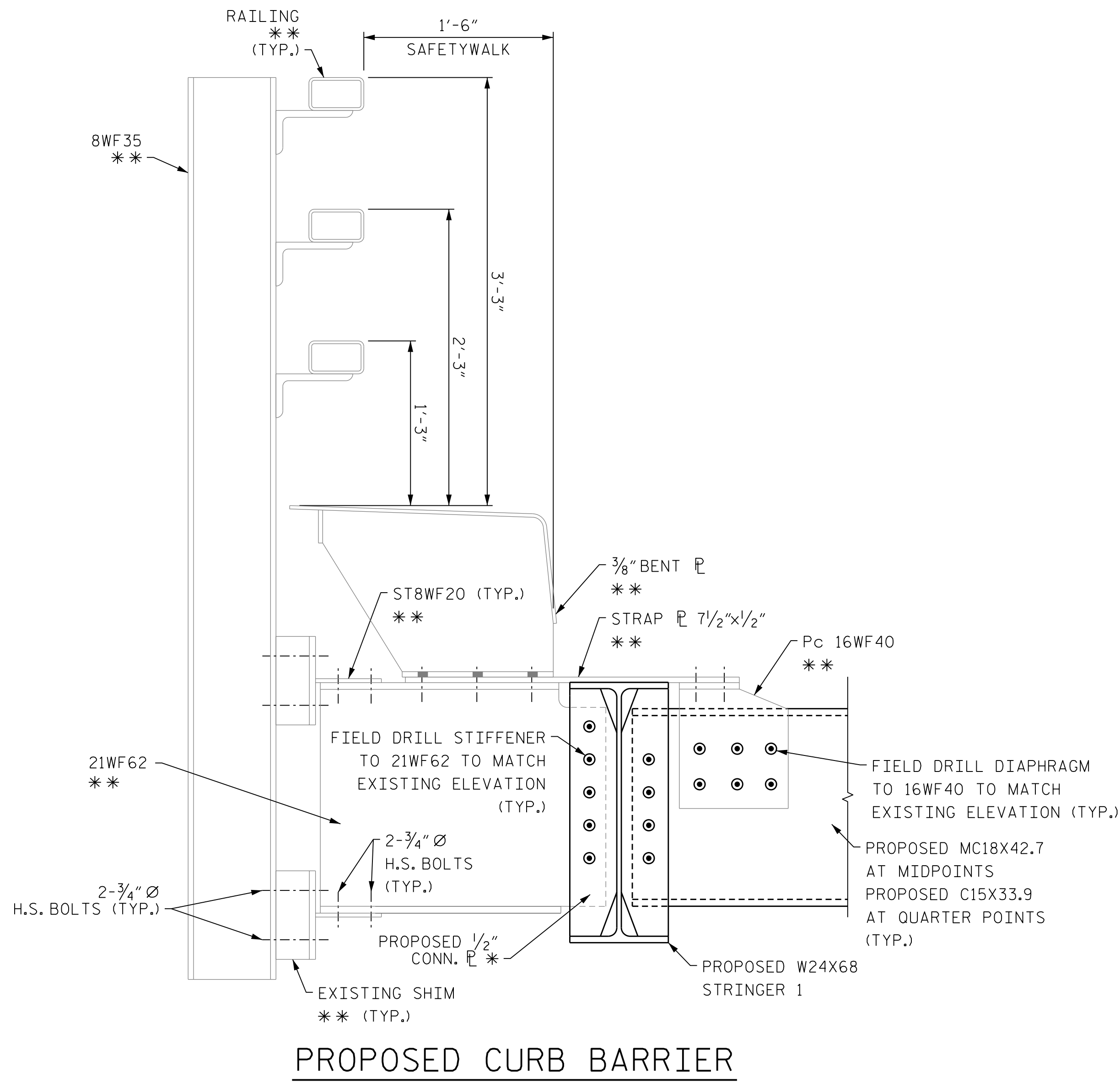
\* FIELD VERIFY AND LOCATE STIFFENERS CONNECTING TO EXISTING CURB OR EXISTING MEDIAN BARRIER ATTACHMENTS. BECAUSE THERE IS LITTLE ADJUSTMENT WITHIN THE BARRIER RAILS, EXTREME CARE SHOULD BE TAKEN WHEN LOCATING THE CONNECTION PLATES FOR THE BARRIER RAILS TO ENSURE THE BARRIER RAILS CAN BE INSTALLED.

\*\* PIECES TO BE REMOVED, STORED, AND REINSTALLED AS REQUIRED.

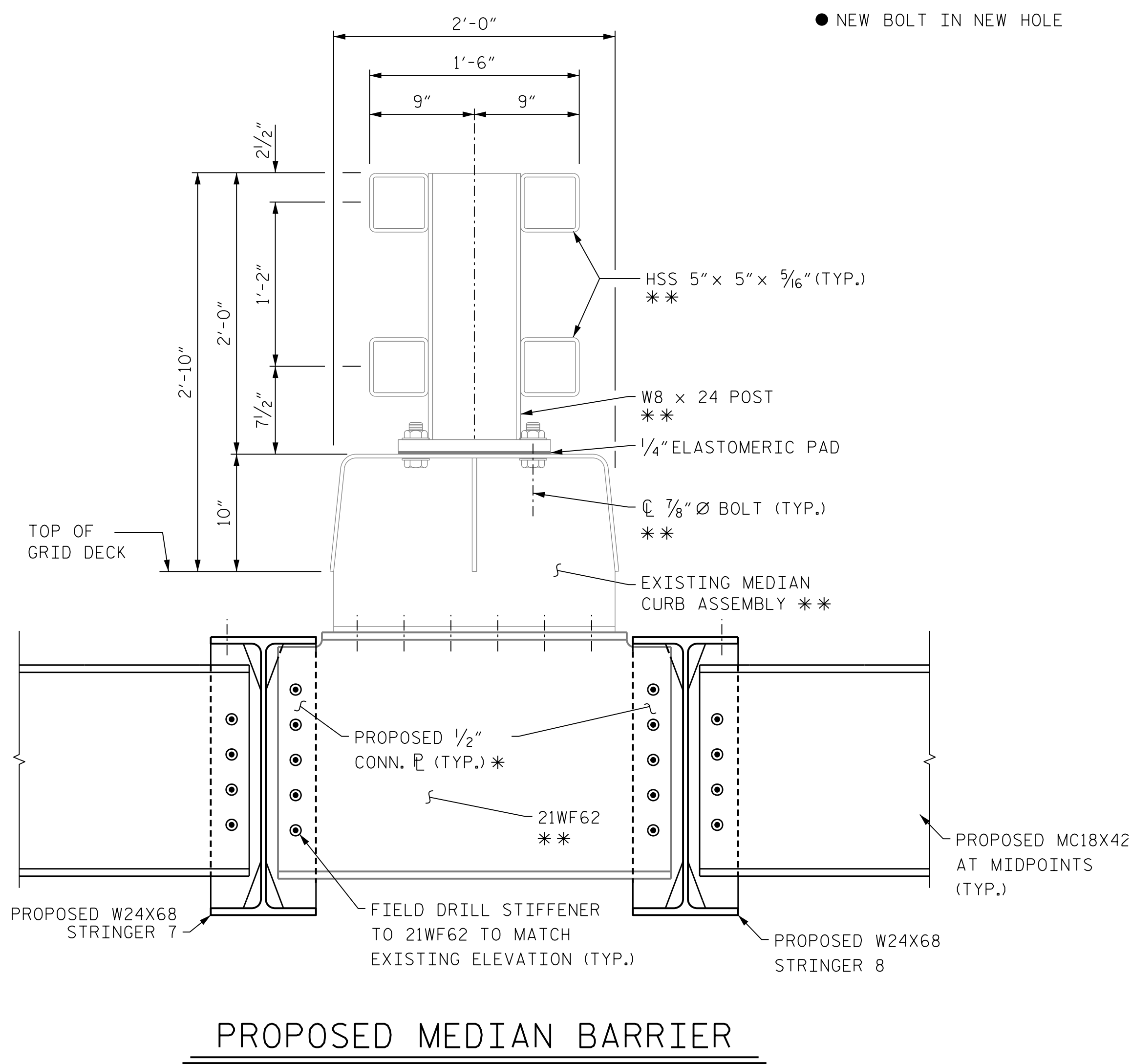
SEE DIAPHRAGM DETAILS SHEET FOR ADDITIONAL DETAILS.

IT IS SUGGESTED THAT BARRIER, RAILING, AND CURB COMPONENTS BE MARKED SUCH THAT THEY ARE REINSTALLED IN THEIR EXISTING LOCATIONS UPON COMMENCEMENT OF REINSTALLATION OPERATIONS.

SEE OPEN GRID DECK DRAWINGS FOR STRINGER TO DECK AND FLOORBEAM TO DECK CONNECTION DETAILS.



**PROPOSED CURB BARRIER**



**PROPOSED MEDIAN BARRIER**

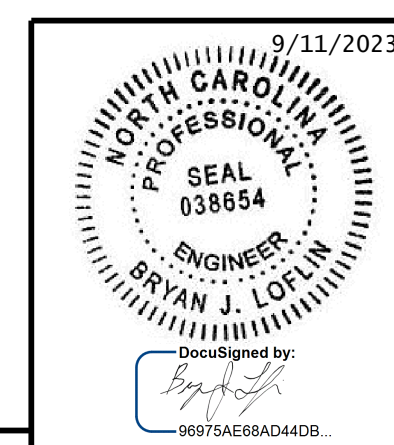
PROJECT NO. 15BPR.102.3  
 NEW HANOVER COUNTY  
 BRIDGE NO. 640013

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**BARRIER DETAILS**



333 FAYETTEVILLE STREET, SUITE 500  
 RALEIGH, NC 27601  
 NC LICENSE NO. C-2979



| REVISIONS |     |       |     |     |       | SHEET NO.    |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO.       | BY: | DATE: | NO. | BY: | DATE: | S-19         |
| 1         |     |       | 3   |     |       | TOTAL SHEETS |
| 2         |     |       | 4   |     |       | 21           |

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

9/11/2023 401.037\_15BPR.102\_SML\_S510\_19.dgn

|                            |            |       |          |
|----------------------------|------------|-------|----------|
| DESIGNED BY:               | C. CORMAN  | DATE: | AUG 2023 |
| DRAWN BY:                  | R. JOHNSON | DATE: | AUG 2023 |
| CHECKED BY:                | M. NIFONG  | DATE: | AUG 2023 |
| DESIGN ENGINEER OF RECORD: | B. LOFLIN  | DATE: | SEP 2023 |