

PROPOSED TYPICAL BOTTOM LATERAL HANGER
 (***) HANGER ANGLE TO BE REMOVED, STORED, AND REINSTALLED TO FACILITATE ERECTION AND REMOVAL OF STRUCTURAL STEEL. LOCATION OF LATERAL BRACING SHALL BE MEASURED PRIOR TO REMOVAL OF HANGER. HANGER SHALL BE REINSTALLED SO THAT LATERAL BRACING IS RETURNED TO ITS ORIGINAL POSITION.)

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

NOTES:

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

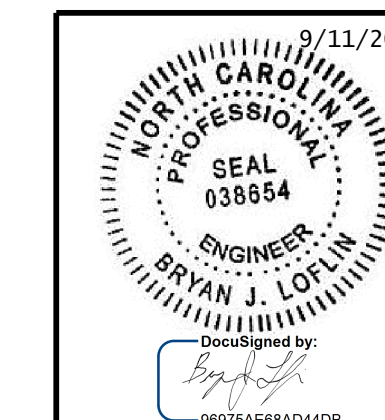
FOR BARRIER INFORMATION, SEE BARRIER DETAIL SHEET.

FIELD VERIFY DIAPHRAGM LOCATIONS TO MATCH EXISTING RAILING CONNECTIONS BEFORE SUBMITTING SHOP DRAWINGS. 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 BARRIER RAILS CAN BE REINSTALLED.

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

BOLT LEGEND:

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



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
STRUCTURAL STEEL DIAPHRAGM DETAILS					
SHEET NO. S-13					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS 21

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

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