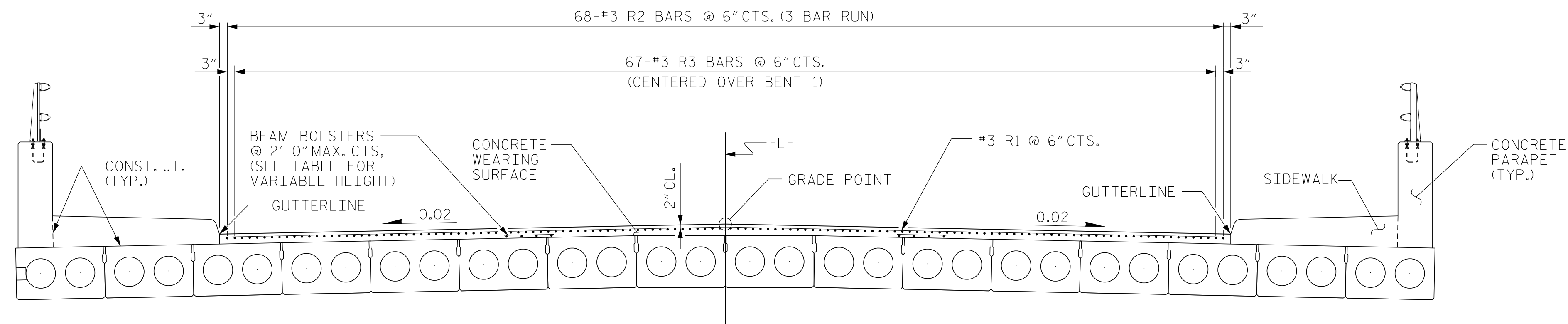


BILL OF MATERIAL					
CONCRETE WEARING SURFACE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* R1	190	#3	STR	33'-8"	2,405
* R2	204	#3	STR	32'-6"	2,493
* R3	67	#3	STR	20'-0"	504
* EPOXY COATED REINFORCING STEEL				LBS.	5,402
CONCRETE WEARING SURFACE				SO. FT.	3,235



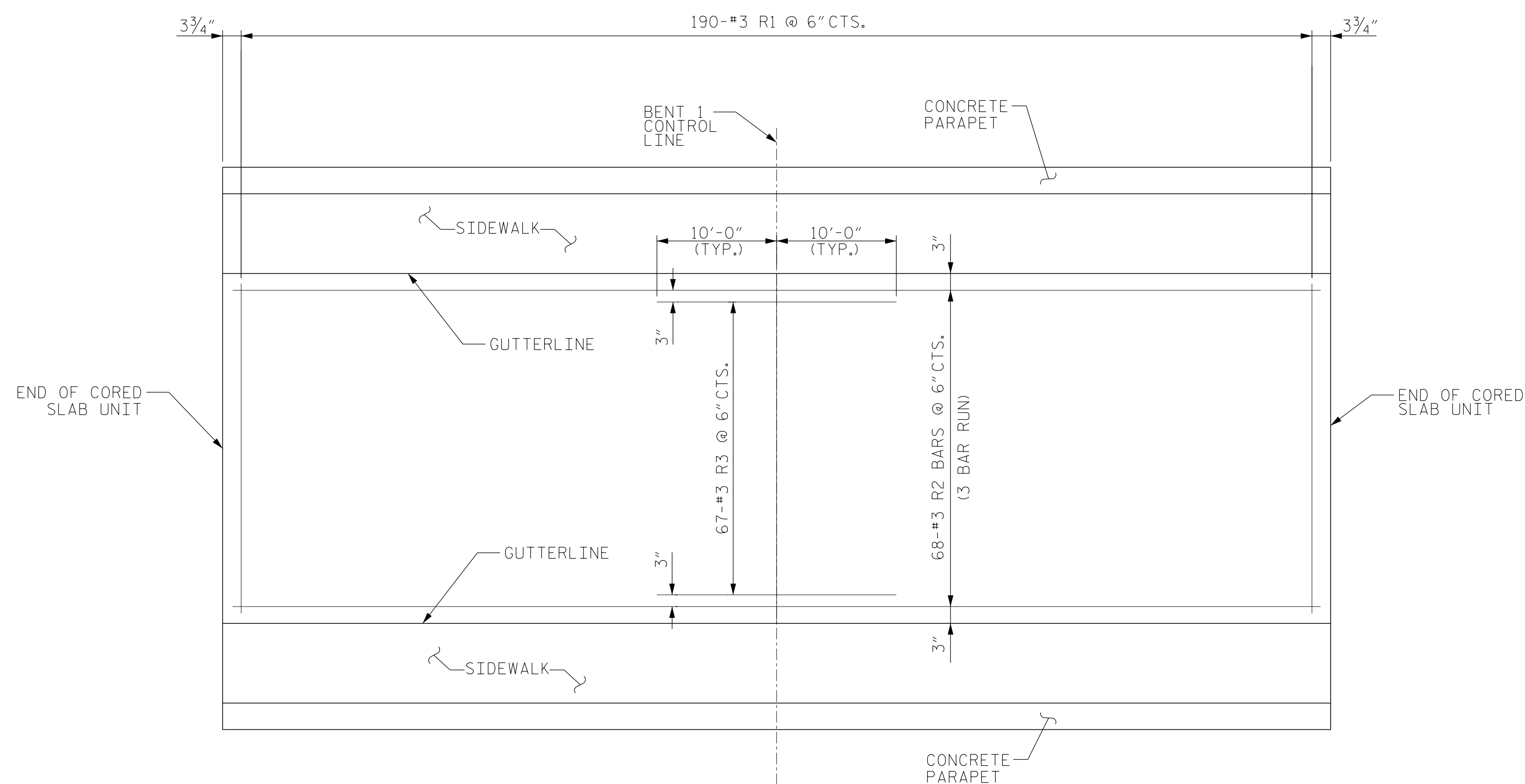
### REINFORCING STEEL AND BEAM BOLSTER HEIGHTS

BEAM AND SLAB BOLSTER HEIGHTS BASED ON PREDICTED FINAL CAMBER AND THEORETICAL GRADE LINE ELEVATION AND VARY BETWEEN  $\bar{C}$  BEARING AND MIDSPAN.

GROOVING BRIDGE FLOORS		
APPROACH SLABS	1,550	SO.FT.
BRIDGE DECK	2,949	SO.FT.
TOTAL	4,499	SO.FT.

BEAM BOLSTER HEIGHT						
SPAN	AT $\bar{C}$ BEARINGS			AT MIDSPAN		
	LEFT GUTTERLINE	GRADE PT.	RIGHT GUTTERLINE	LEFT GUTTERLINE	GRADE PT.	RIGHT GUTTERLINE
A	1 3/4"	2 1/2"	1 3/4"	1 1/2"	2 1/4"	1 1/2"
B	1 3/4"	2 1/2"	1 3/4"	1"	1 3/4"	1"

SPLICE LENGTH CHART	
BAR SIZE	EPOXY COATED
#3	1'-3"



PLAN

### NOTES

PLACEMENT OF THE CONCRETE WEARING SURFACE SHALL OCCUR AFTER CASTING THE PARAPETS AND SIDEWALK. THE COST OF THE #3 BARS CAST WITH THE CONCRETE WEARING SURFACE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONCRETE WEARING SURFACE. FOR CONCRETE WEARING SURFACE, SEE SPECIAL PROVISIONS.

ALL REINFORCING STEEL FOR THE CONCRETE WEARING SURFACE SHALL BE EPOXY COATED.

FOR CONCRETE WEARING SURFACE THICKNESS, SEE SHEET S-7.

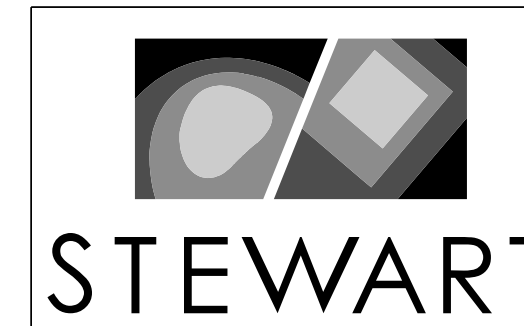
PROJECT NO. B-5610  
DARE COUNTY  
 STATION: 15+42.50 -L-



DocuSigned by:  
 Jeffrey C. Wilson  
 84430599F4642A  
 4/8/2024

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

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STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUPERSTRUCTURE  
 CONCRETE WEARING SURFACE DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-12
1			3			TOTAL SHEETS
2			4			29

DRAWN BY: G. RAMBOULI DATE: 1/24  
 CHECKED BY: J. WILSON DATE: 1/24  
 DESIGN ENGINEER OF RECORD: J. WILSON DATE: 1/24

B-5610  
 4/4/2024  
 \\B-5610-SMUJ\_CWS\_270008.dgn  
 USER: jwilson