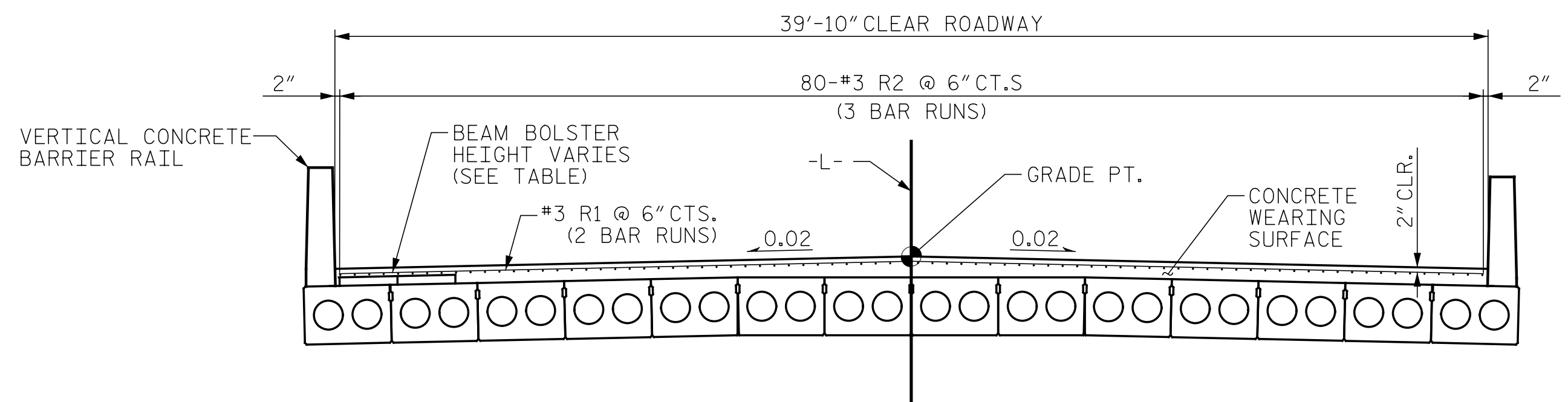


BILL OF MATERIAL					
CONCRETE WEARING SURFACE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*R1	280	#3	STR	23'-6"	2474
*R2	240	#3	STR	24'-3"	2188
* EPOXY COATED REINFORCING STEEL 4662 LBS.					
CLASS AA CONCRETE 36.7 CY					
CONCRETE WEARING SURFACE 2789 SQ. FT.					
FOR GROOVING BRIDGE FLOOR QUANTITY, SEE SHEET S-7					



REINFORCING STEEL FOR CONCRETE WEARING SURFACE

BEAM AND SLAB BOLSTER HEIGHTS ARE BASED UPON PREDICTED FINAL CAMBER AND THEORETICAL GRADE LINE ELEVATIONS AND VARY BETWEEN ϕ BEARING AND MID-SPAN.

NOTES:

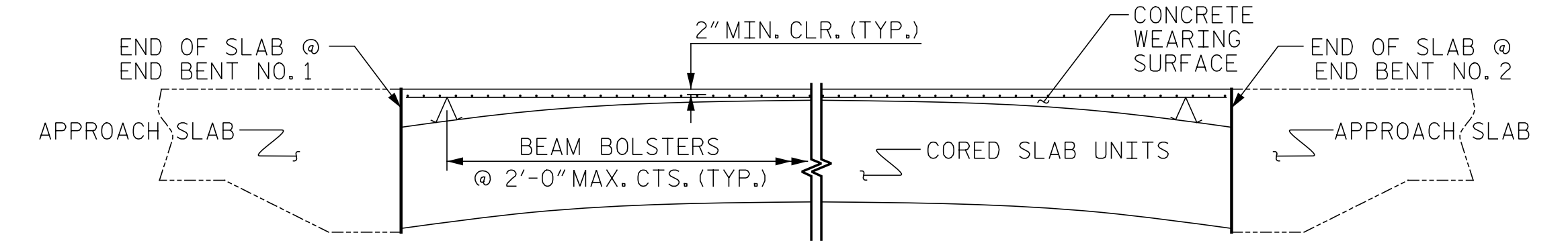
PLACEMENT OF THE CONCRETE WEARING SURFACE SHALL OCCUR AFTER CASTING THE VERTICAL CONCRETE BARRIER RAILS.

THE COST OF THE REINFORCING STEEL CAST WITH THE CONCRETE WEARING SURFACE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONCRETE WEARING SURFACE.

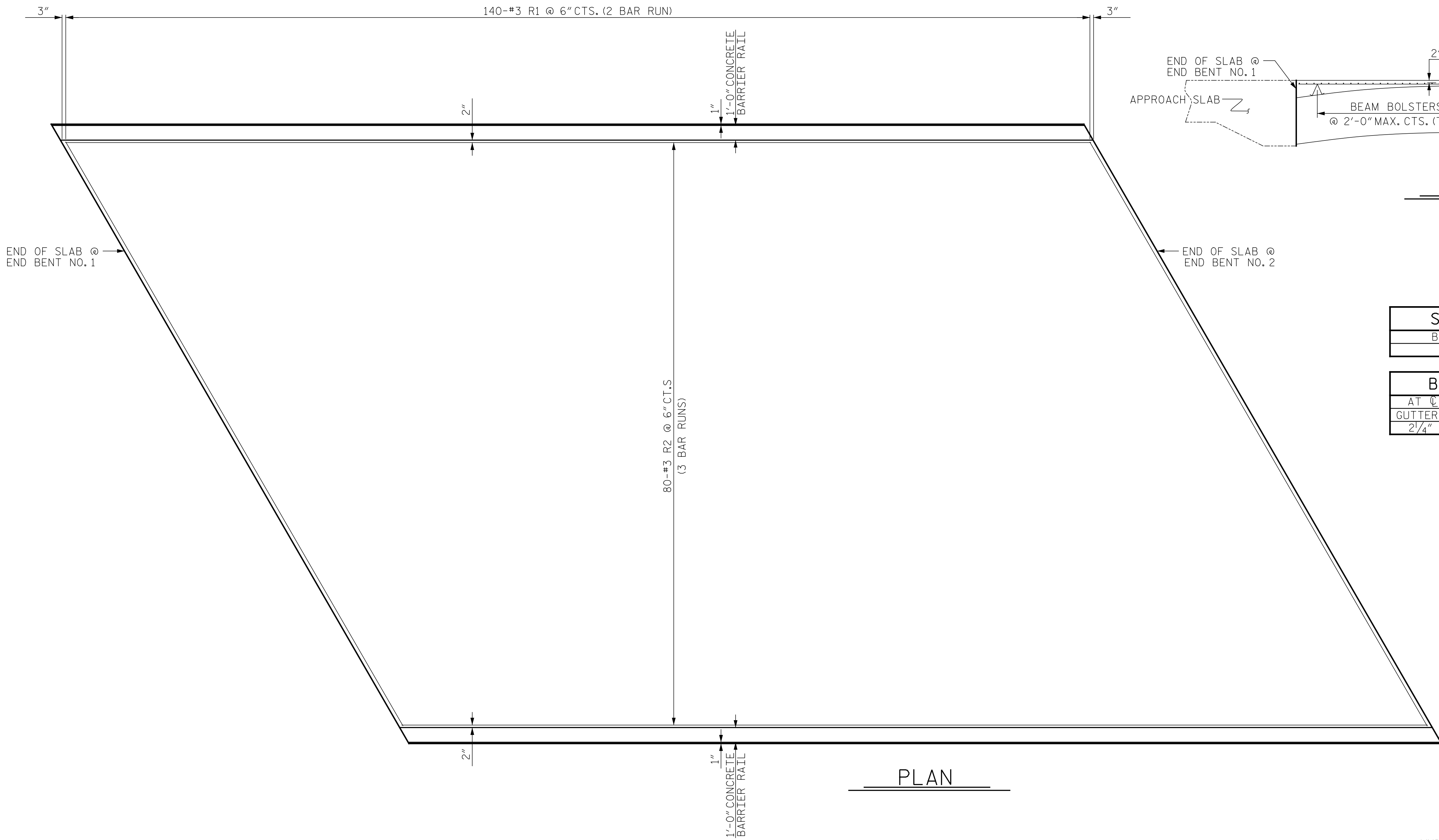
FOR CONCRETE WEARING SURFACE, SEE SPECIAL PROVISIONS.

FIBERS SHALL BE ADDED TO THE CONCRETE WEARING SURFACE IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

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



ELEVATION



PLAN

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

BEAM BOLSTER HEIGHT			
AT ϕ BEARINGS		AT MID-SPAN	
GUTTERS	GRADE PT.	GUTTERS	GRADE PT.
2 1/4"	3 3/4"	3/4"	2 1/4"

PROJECT NO. BR-0011
CHEROKEE COUNTY
 STATION: 15+45.00 -L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SUPERSTRUCTURE
 CONCRETE WEARING SURFACE DETAILS**

ASSEMBLED BY : EFL DATE : 1/13/2021
 CHECKED BY : KFS DATE : 1/13/2021
 DESIGN ENGINEER OF RECORD : MAC DATE : 1/13/2021

1/13/2021
 BR-0011_SD_CS_S8.dgn
 ksmlach

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

vhb
 VHB Engineering NC, P.C. (C-3705)
 940 Main Campus Drive, Suite 500
 Raleigh, NC 27606

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-8
1			3			TOTAL SHEETS
2			4			15