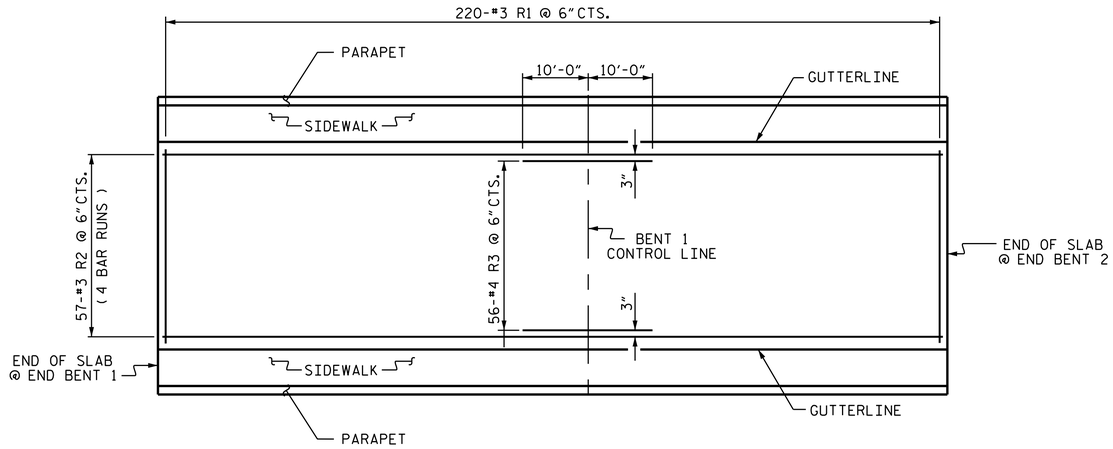
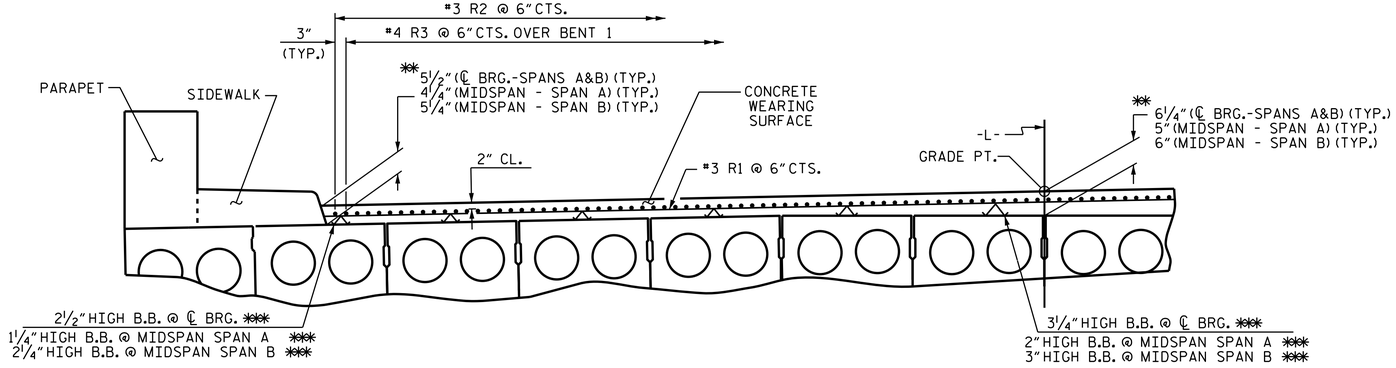


PLAN SHOWING REINFORCING STEEL FOR CONCRETE WEARING SURFACE

BILL OF MATERIAL FOR CONCRETE WEARING SURFACE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱R1	220	#3	STR	28'-0"	2316
✱R2	228	#3	STR	28'-7"	2450
✱R3	56	#4	STR	20'-0"	748
✱EPOXY COATED REINFORCING STEEL				LBS.	5514
CONCRETE WEARING SURFACE				SQ.FT.	3139

GROOVING BRIDGE FLOORS		
APPROACH SLABS	1239	SQ.FT.
BRIDGE DECK	2800	SQ.FT.
TOTAL	4039	SQ.FT.



SPLICE LENGTH CHART	
BAR SIZE	EPOXY COATED
#3	1'-6"

PROJECT NO. B-5129A
PAMLICO COUNTY
STATION: 13+68.50 -L-

REINFORCING FOR CONCRETE WEARING SURFACE

✱✱ THICKNESS IS BASED ON PREDICTED FINAL CAMBER & THEORITICAL GRADE LINE ELEVATIONS AND VARIES BETWEEN ℄ BEARING AND MID-SPAN FOR ALL SPANS.

✱✱✱ BEAM BOLSTERS (B.B.) SHALL BE SPACED AT 2'-0" MAX. CENTERS SET 1'-0" FROM GUTTERLINE.

PLACEMENT OF THE CONCRETE WEARING SURFACE SHALL OCCUR AFTER CASTING THE PARAPETS AND SIDEWALKS. 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.

NORTH CAROLINA PROFESSIONAL SEAL 22005 ENGINEER A. KEITH PASCHAL

DocuSigned by:
A. Keith Paschal
F8B6AD6DB2FC48F...
12/5/2014

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

CONCRETE WEARING SURFACE DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-13
1			3			TOTAL SHEETS
2			4			25

DRAWN BY : B. N. BARODAWALA DATE : 1-9-14
CHECKED BY : D. G. ELY DATE : 2-4-14
DESIGN ENGINEER OF RECORD: M. L. RORIE DATE : 5-23-14

04-DEC-2014 15:08
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kpaschal