NOTES

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, MSE WALL REINFORCEMENT AND BACKFILL MATERIAL SEE ROADWAY PLANS.

GEOTEXTILE SHALL BE TYPE 1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 1056.

BACKFILL MATERIAL SHALL BE THE SAME MATERIAL USED IN THE MSE REINFORCED ZONE.

APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.

AREA BETWEEN THE MSE WALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED, SEE ROADWAY PLANS.

FOR EXPANSION JOINT SEALS, SEE SPECIAL PROVISIONS.

† SEE STD. EJS1 FOR EXPANSION

JOINT SEAL OPENING

DETAILS" SHEETS.

2 LAYERS OF 30 LB. ROOFING FELT TO

MSE ABUTMENT WALL-

PREVENT BOND

† FORMED

OPENING

-EXPANSION JOINT SEAL REQ'D.

SEE "EXPANSION JOINT SEAL

BARRIER RAIL

†2:1 SLOPE-/

-MSE WALL REINFORCEMENT CONNECTED TO END BENT

€ JOINT—

#4 J1E¬

THE QUANTITY OF #4 J1E BARS ON THE BILL OF MATERIAL IS BASED ON 1'-0" CENTERS. J1E BARS SHALL BE PLACED AT EACH VERTICAL STUD ANCHOR BOLT. IN THE EVENT THAT THE NUMBER OF VERTICAL STUD ANCHORS EXCEEDS THE NUMBER OF J1E BARS SPECIFIED, ADDITIONAL J1E BARS WILL NOT BE REQUIRED.

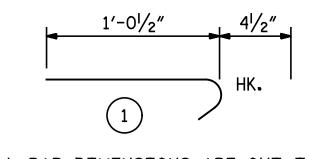
SPLICE LENGTHS				
BAR SIZE	EPOXY COATED	UNCOATED		
#4	2'-0"	1′-9″		

APPROACH SLAB AT END BENT 1						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
A1E	50	#4	STR.	30' - 7"	1,021	
A2	52	#4	STR.	30' - 6"	1,059	
B1E	98	#5	STR.	23' - 7"	2,411	
B2	98	#6	STR.	24' - 7"	3,619	
B3E	4	#5	STR.	9' - 7"	40	
B4	4	#6	STR.	9' - 7"	58	
·						
J1E	56	#4	1	1' - 5"	53	
REINFORCING STEEL ** LBS. 4,736						
EPOXY COATED REINF. STEEL * LBS. 3,525						

BILL OF MATERIAL

CLASS	AA CO	NCRETE	**	C.Y.	55.7
APPR	ROACH	SLA	В АТ	END E	BENT 2
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	50	#4	STR.	30' - 7"	1,021
A2	52	#4	STR.	30' - 6"	1,059
B1E	98	#5	STR.	23' - 7"	2,411
B2	98	#6	STR.	24' - 7"	3,619
B3E	4	#5	STR.	9' - 7"	40
B4	4	#6	STR.	9' - 7"	58
J1E	56	#4	1	1' - 5"	53
REINF	ORCING	STEEL	**	LBS.	4,736

EPOXY	COA	ATED	REINF.	STEEL*	÷∗ LBS.	3,525
CLASS	AA	CON	CRETE *	**	C.Y.	55 . 7
			BAR	TYPE		



ALL BAR DIMENSIONS ARE OUT TO OUT "E" SUFFIX DENOTES EPOXY COATED

** QUANTITIES FOR BARRIER RAIL AND MONOLITHIC CONCRETE ISLAND ARE NOT INCLUDED. SEE "BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT", SHEET 2 OF 2 AND "BRIDGE APPROACH SLAB DETAILS" SHEET.

REINFORCING STEEL.

PROJECT NO. I-5883

HARNETT COUNTY

STATION: 27+09.19 -Y16-

SHEET 1 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

INTERNATIONAL NC License No.: F-1084

Amanda H

4/8/2020

Cary, North Carolina 27518

Mairo Q43878

WGINEER :

DOCUMENT NOT COUNLESS ALL SIGNAT						
	_			REVI	SIO	١
Michael Baker	Michael Baker Engineering 8000 Regency Parkway, Suite 600	NO.	BY:	DATE:	NO.	
	Cary North Carolina 27519	7	, and the second		9	ĺ

BY:

ASSEMBLED BY : N. B. SPEAR CHECKED BY : A. H. SHARPE	S DATE DATE	DATE : 6-25-18 DATE : 3-26-20		
DRAWN BY: EEM 3/95 CHECKED BY: VAP 3/95	REV. 2/2 / REV. 6/ 3 REV. 2/ 7	MAA/GM MAA/GN MAA/TH		

4'-0" MIN.

CURB @ GUTTER —

NORMAL TO END BENT

ROADWAY ----

1'-6"

1/₂: 1 SLOPE -OR FLATTER

(TO BE DETERMINED BY THE CONTRACTOR)

-51/4" CONTINUOUS HIGH CHAIR UPPER

-#5 "BE" BARS

BARS

UPPER LIMITS OF — REINFORCED ZONE FOR

MSE ABUTMENT WALL

SAME MATERIAL AS IN

- LIMITS OF $-\!-\!-$

SECTION THRU SLAB

(TYPE III - REINFORCED APPROACH FILL)

REINFORCED APPROACH FILL

(CHCU) @ 3'-0" CTS. ACROSS SLAB

--#4 \`AE''

BARS

#4 \\A'' BARS —

---APPROVED WIRE BAR

— GEOTEXTILE

SUPPORTS @ 3'-0"CTS.

STD. NO. BAS2

DATE:

SHEET NO.

SI-33

TOTAL SHEETS 35