

R:\Structures\04_Station\05 RFC Bridge Plans\40121B5808_SML_AS2_06120057.dgn
3/6/2023 10:03:51 AM HensleSC

NOTES:

LEVEL ONE FIELD TESTING OF THE ADHESIVELY ANCHORED DOWELS IS REQUIRED. THE YIELD LOAD OF THE DOWEL IS 26.4 KIPS.

FOR NOTES AND SECTION THROUGH APPROACH SLAB, SEE "APPROACH SLAB DETAILS (SHEET 5 OF 6)".

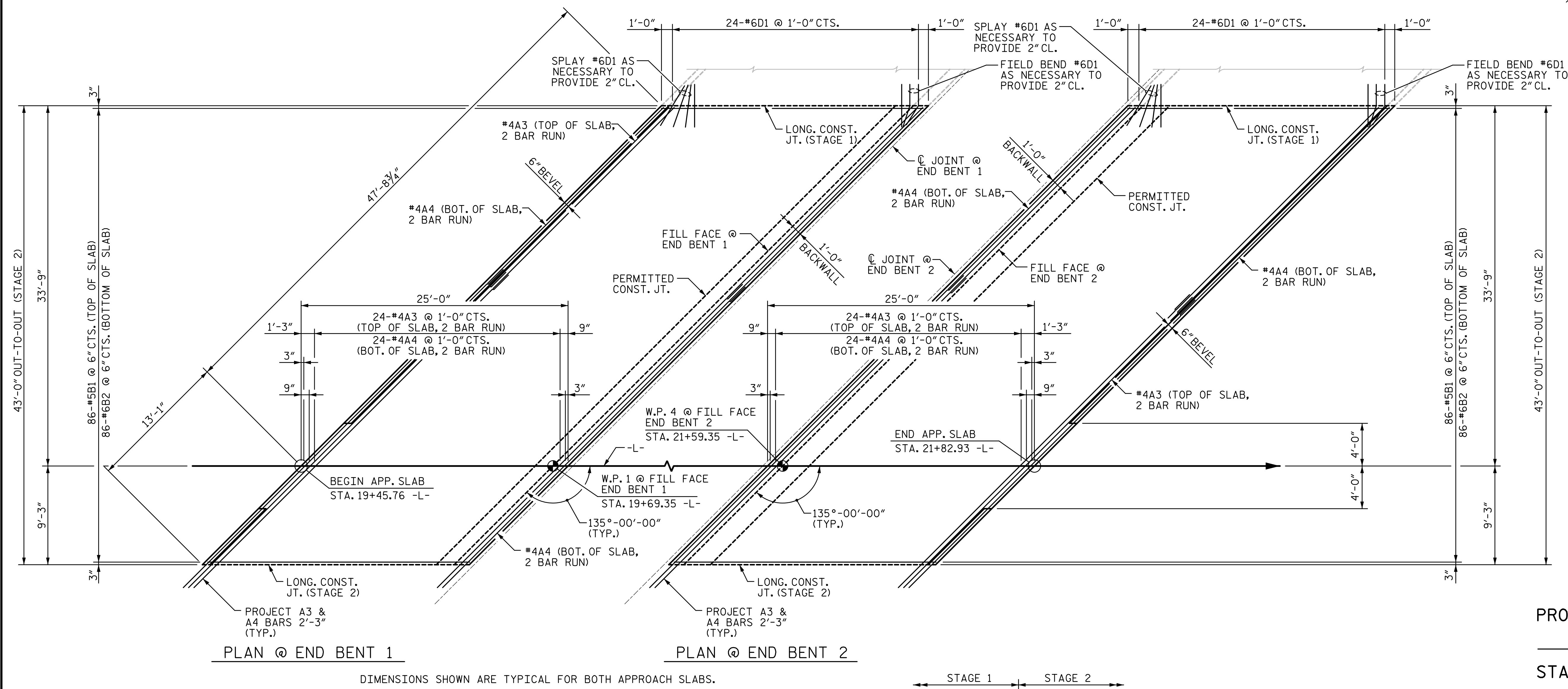
FOR CONCRETE MEDIAN DETAILS (STAGE 4), SEE "APPROACH SLAB (SHEET 4 OF 6)".

BILL OF MATERIAL

FOR ONE APPROACH SLAB STAGE 2 (2 REQ'D.)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A3	50	#4	STR	32'-5"	1,083
A4	52	#4	STR	32'-3"	1,120
*B1	86	#5	STR	23'-9"	2,130
B2	86	#6	STR	24'-6"	3,165
D1	24	#6	STR	4'-8"	168
REINFORCING STEEL**				LBS.	4,453
*EPOXY COATED REINFORCING STEEL**				LBS.	3,213
CLASS AA CONCRETE**				C. Y.	46.7

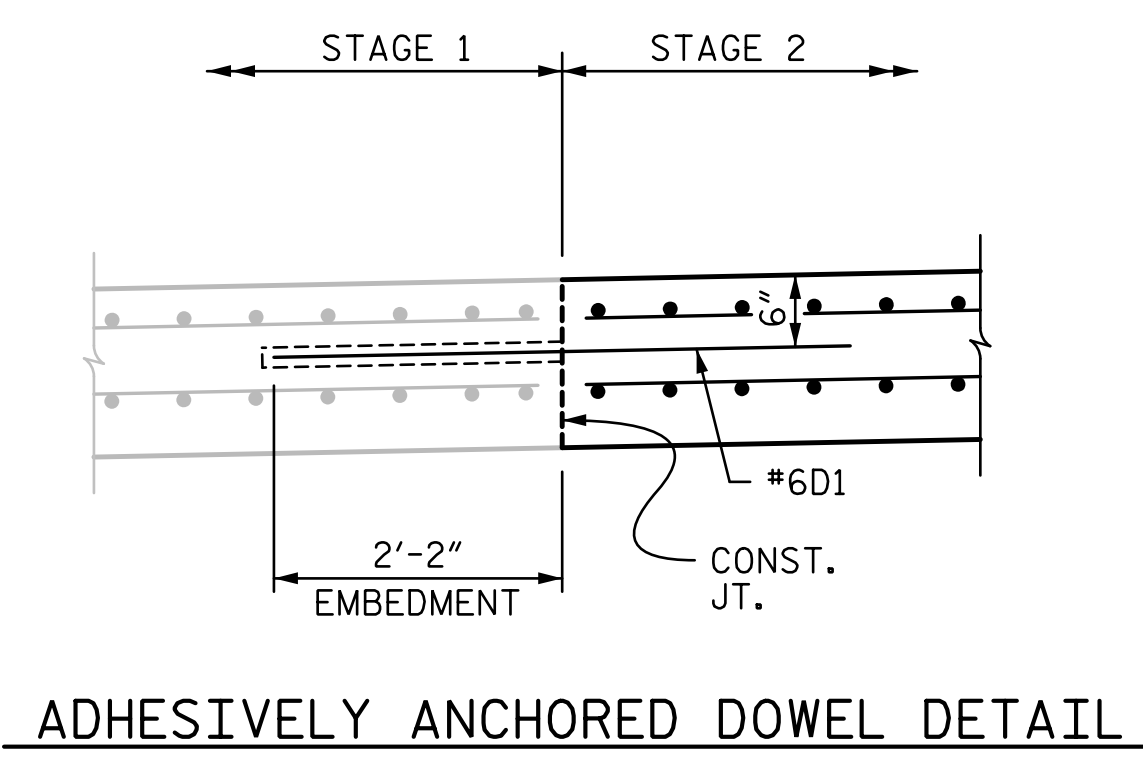
**QUANTITIES FOR CONCRETE MEDIAN NOT INCLUDED.



PLAN @ END BENT 1

PLAN @ END BENT 2

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS.



ADHESIVELY ANCHORED DOWEL DETAIL

SPLICE LENGTHS

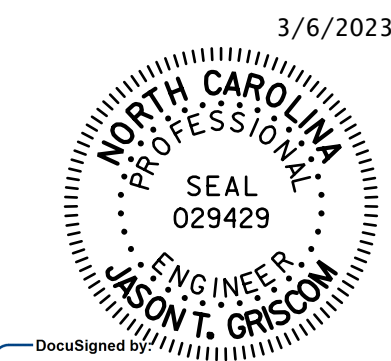
BAR SIZE	EPOXY COATED	UNCOATED
#4	1'-11"	1'-7"
#5	2'-5"	2'-0"
#6	3'-7"	2'-5"

PROJECT NO. **B-5808**
CABARRUS COUNTY
 STATION: **20+64.00 -L-**

SHEET 2 OF 6

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

APPROACH SLAB STAGE 2



STV ENGINEERS, INC.
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 Charlotte, NC 28202
 NC License Number F-0991

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ASSEMBLED BY :	SGH	DATE :	11-22
CHECKED BY :	MLO	DATE :	11-22
DESIGN ENGINEER OF RECORD :	J. GRISCOM	DATE :	3-23

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

TOTAL SHEETS: 65