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PLAN

VIEW Y-Y

SHOWING ELEVATION VIEW OF GROUTED RECESS

DETAIL "C"

SECTION D-D

SECTION A-A

VOIDS NOT SHOWN

PART SECTION AT RECESS

SECTION X-X

SHOWING PLAN VIEW OF GROUTED RECESS

GROUTED RECESS DETAIL AT END OF POST-TENSIONED STRANDS OF EXTERIOR BOX BEAM

DOUBLE DIAPHRAGM DETAILS

#4 "S" BARS NOT SHOWN. #4 "S" BARS MAY BE SHIFTED SLIGHTLY TO CLEAR 2½" Ø HOLE.

SECTION B-B

PART PLAN

VOID DRAIN DETAILS

(DIMENSIONS SHOWN ARE TYPICAL FOR EACH VOID)

DEAD LOAD DEFLECTION AND CAMBER	
	3'-0" x 2'-9"
	0.6"Ø L.R. STRAND
	SPAN "A"
CAMBER (BEAM ALONE IN PLACE)	2¾" ↑
DEFLECTION DUE TO CONCRETE WEARING SURFACE	1" ↓
FINAL CAMBER	1¾" ↑

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NORTH CAROLINA PROFESSIONAL SEAL 18090 ENGINEER THOMAS PAUL CARRETT
DocuSigned by: Thomas P. Carrett
5/23/2018 8:00:55 AM PDT

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PROJECT NO. 17BP.1.R.78
GATES COUNTY
STATION: 18+41.00 -L-

SHEET 4 OF 5

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD
3'-0" X 2'-9"
PRESTRESSED CONCRETE
BOX BEAM UNIT

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-7
1			3			TOTAL SHEETS
2			4			19

STD. NO. PCBB5

ASSEMBLED BY : FRJ		DATE : 1/18	
CHECKED BY : RTS		DATE : 1/18	
DRAWN BY : TLA 5/05	REV. 5/1/06	TLA/GM	
CHECKED BY : GM 6/05	REV. 10/1/11	MAA/GM	
	REV. 12/17	MAA/THC	

5/3/2018
$$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$
User:wdcrutcher