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NOTES	
STRUCTURAL CONCRETE INS	SERT
	THE FOLLOWING COMPONENTS:
STEEL MEETING THE REQUIRE OF THREADS OF $1^{1}/_{2}^{\prime\prime}$.	MENTS OF AASHTO M169, GRADE 12L14 AND
ED.(AT THE CONTRACTOR'S C FOR THE ¾''Ø X 15%'' GALV	O THE REQUIREMENTS OF ASTM A307.BOLT OPTION, STAINLESS STEEL BOLT AND WASHER /ANIZED BOLT AND WASHER.THEY SHALL ASTM A307.THE USE OF THIS ALTERNATE
STRENGTH OF 100,000 PSI. OF 90,000 PSI IS ACCEPTABL	AIL IS THE MINIMUM ALLOWABLE SIZE AND AS AN OPTION, A 7/16″ØWIRE STRUT WITH _E.
NOTES ETAL RAIL TO END POST CON	INFCTTON
ECTION SHALL CONSIST OF TH	
	SHALL BE GALVANIZED AFTER FABRICATION.
	DAD SHEAR CAPACITY OF 4800 LBS. THE ASHER IN PLACE. THE $\frac{3}{4}$ ''Ø X 1 $\frac{5}{8}$ '' BOLT
NT TO ANGLE SHALL CONFORM	M TO THE REQUIREMENTS OF ASTM F593 ALLOY TS AT 60°F.
TAL RAIL SHEET).	
ED) TO BE GALVANIZED.	
	IN THE METAL RAIL TO END POST CONNECTION EAR FEET OF 1 OR 2 BAR METAL RAILS.
RT WITH BOLT SHALL BE ASS	SEMBLED IN THE SHOP.
ONCRETE INSERT ASSEMBLY, A PAY ITEMS.	AND THE $\frac{1}{2}$ " PLATES COMPLETE IN PLACE
END POST. IF THE ADHESIVE ED WITH A $\frac{3}{4}$ "Ø X $\frac{6}{2}$ " BOL	G SYSTEM IN LIEU OF THE STRUCTURAL BONDING SYSTEM IS USED, THE ¾''ØX 15%'' T AND 2''O.D.WASHER. ALL SPECIFICATIONS ØX 6 ½''BOLT.FIELD TESTING OF THE
	R.P.W.(TYP.ALL TACT POINTS)
CONI	TACT POINTS)
FERRULE- WIRE STRUT	
	PLAN <u>ELEVATION</u>
	STRUCTURAL CONCRETE
	* EACH WELDED ATTACHMENT OF WIRE TO
	FERRULE SHALL DEVELOP THE TENSILE STRENGTH OF THE WIRE.
CTURAL NSERT	
	PROJECT NO. <u>B-5407</u>
	POLK COUNTY
	SHEET 3 OF 4
	DEPARTMENT OF TRANSPORTATION
WITH CAROLINA	STANDARD
SEAL 03I02I	
SEAL 031021	RAIL POST SPACINGS
	END OF RAIL DETAILS
DocuSigned by:	FOR TWO BAR METAL RAILS
B04B5A4F2FAD484 3/6/2018	REVISIONS SHEET NO. NO. BY: DATE: S-13
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL	1 3 TOTAL SHEETS
SIGNATURES COMPLETED	2 4 18

STD. NO. BMR2