

NOTES

THE CONTRACTOR SHALL REMOVE THE DETERIORATED CONCRETE IN A GUIDELINES SET IN THESE NOTES, IN THE SPECIAL PROVISIONS AND SPECIFICATIONS.

THE CONTRACTOR SHALL TAKE CARE DURING BARRIER RAIL REHAB OP ANY MATERIAL BELOW THE BRIDGE, WITHOUT PROTECTIVE DEVICES E MATERIAL, ANY MATERIAL THAT FALL BELOW THE BRIDGE SHALL BE DISPOSED OF BY THE CONTRACTOR AT NO EXTRA COST TO THE DEPA DETERMINES THAT THE PROTECTIVE DEVICES ARE NOT ADEQUATE OR WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVI

THE METHOD USED TO DELINEATE AREAS OF UNSOUND CONCRETE TO PERMANENTLY MARK THE CONCRETE, LEAVE ANY RESIDUE AFTER REMO CHEMICALS TO REMOVE.

SAW CUT $\frac{1}{2}$ INCH DEEP ALONG LAYOUT LINES INTO SOUND CONCRENOT TO CUT OR DAMAGE REINFORCING STEEL DURING CONCRETE REM REINFORCING STEEL SHALL BE REPLACED WITH NEW REINFORCING S ENGINEER.

REINFORCING STEEL WHICH IS DETERMINED BY THE ENGINEER TO BE REMOVED TO THE POINT WHERE IT IS SOUND. THE REPAIR AREA SHA DISTANCE BEYOND THIS POINT TO DEVELOP A SPLICE LENGTH SPEC THIS SHEET.

ALL REINFORCING STEEL IN BARRIER RAILS SHALL MATCH EXISTING SIZE OR TYPE AND SHALL BE EPOXY COATED.

REMOVE UNSOUND CONCRETE TO THE EXTENT NECESSARY, MINIMUM OF MINIMUM OF 2"CLEARANCE TO SAWCUTS.

GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN A THE BARRIER RAIL AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF SPECIFICATIONS. THE CONTRACTION JOINT SHALL BE LOCATED AT E BARRIER RAIL EXPANSION JOINTS. ONLY ONE CONTRACTION JOINT BARRIER RAIL SEGMENTS LESS THAN 20 FEET IN LENGTH AND NO CO REQUIRED FOR THOSE SEGMENTS LESS THAN 10 FEET IN LENGTH.

THE #5 S1 AND S2 BARS SHALL BE INSTALLED USING AN ADHESIVE LOAD FOR THE #5 S1 AND S2 BARS IS 18.6 KIPS. FIELD TESTING FOR SYSTEM IS NOT REQUIRED.

FOR CONCRETE BARRIER RAIL REPAIR QUANTITIES, SEE PLAN OF SPA

FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS, SEE STANDARI

FOR EPOXY RESIN INJECTION (ERI), SEE SPECIAL PROVISIONS.

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.





CCORDANCE WITH THE	5 ¹ / ₂ " 4 ¹ / ₄ " Α 6 ⁷ / ₈ " 2" Β	
U IHE STANDARD		
PERATIONS NOT TO DROP BELOW TO CATCH THE CONTAINED, REMOVED AND ARTMENT. IF THE ENGINEER BEING EMPLOYED, THE DED.	2'-634" 1'-538" 1'-51/2"	
BE REPAIRED SHALL NOT VAL OR REQUIRE HARSH	13/1e 1913/1e	
ETE. CARE SHALL BE TAKEN 10VAL.ANY DAMAGED TEEL AS DIRECTED BY THE		
E REPLACED,SHALL BE All extend a sufficient ified in the table on	ALL BAR DIMENSIONS ARE OUT TO OUT	
G REINFORCING PLACEMENT,	BILL OF MATERIAL	
F 1"BEHIND REBAR AND	"A" DIMENSIONS FOR EXISTING 42" CONCRETE BARRIER RAIL BAR NUMBER SIZE TYPE LENGTH WEIG	HT
ALL EXPOSED FACES OF	** S1 1 **5 STR 4'-0" 4 ** S2 1 **5 1 4'-2" 4	
EACH THIRD POINT BETWEEN IS REQUIRED AT MIDPOINT OF	"B" DIMENSIONS FOR EXISTING 32" CONCRETE BARRIER RAIL	
ANCHORING SYSTEM THE YIELD	BAR NUMBER SIZE TYPE LENGTH WEIG $\#S1$ 1 $\#5$ STR $3'-2''$ 3 $\#S2$ 1 $\#5$ 1 $3'-4''$ 3	;H I
OR THE ADHESIVE BONDING	* EPOXY COATED REINFORCTNG STFF	
AN SHEETS.	A LI OAT BOATED HEINT ONOTING STELL	
D SPECIFICATIONS.		
	<u> </u>	
	#5 B1 BAR (TYP.)	
	#5 S2 /	
	• <u>2³/₄" CL.</u>	
	M	
	SECTION X-X	
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	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH	
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ACB8082119D74CD	REVISIONS SHEET	NO.
7603 DOCUMENT NOT CONSIDERE FINAL UNLESS ALL	D NO. BY: DATE: NO. BY: DATE: S-8	30 AL TS
SIGNATURES COMPLETED		2

BAR TYPES