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F. A. PR	OJECT	NO.	STP	-0107	(10)	
FOR GROUT FOR STRUCTURE	S, SEE SPECI	[AL PROV	ISIONS.			
FOR LIMITS OF TEMPORARY TRAFFIC CONTROL PLANS.F MAINTENANCE OF TRAFFIC,	(SHORING FO OR PAY ITEN SEE ROADWA	OR MAIN ⁻ M FOR TE Y PLANS.	TENANCE MPORARY	OF TRAFFI SHORING	C, SEE FOR	
FOR CONSTRUCTION SEQUENCE, SEE EROSION CONTROL PLANS.						
<u>RUA</u>			<u>A</u>			
GRADE POINT ELEV. @ STATION 142+7			-L	- 2136.	09	
ROADWAY SLOPES				= 2125. = 2:1	60	
HYDRALII TC. DATA						
DESTON DISCHARGE				= 290 C.F	S	
FREQUENCY OF DESIGN FLOOD				= 50 YEA	RS	
DESIGN HIGH WATER			= 213	1.0		
DRAINAGE AREA				= 200 /	4C.	
BASE DISCHARGE (Q100) = 350 C.F.S.					.S.	
BASE HIGH WATER ELEVATION = 2132.1						
OVFRTOPP	ING FI		ΠΔΤ	Ā		
OVERTOPPING DISCHA	RGF			= 630 C.F	.S.	
FREQUENCY OF OVERTOPPING FLOOD = 500 YEARS+						
OVERTOPPING FLOOD	ELEVATION _			= 213	5.8	
@ STA.141+97.00 -L-						
					- I	
TOTAL STRUCTURE QUANTITIES						
CLASS A CONCF	RETE					
STAGE I			40.8 C.Y.			
STAGE II			35.9 C.Y.			
TOTAL			76.7 C.Y.			
REINFORCING S	STEEL					
STAGE I			5,364 LBS.			
STAGE II			4,569 LBS.			
TOTAL			9,933 L	BS.	-	
FOUNDATION CO	JNDITIONING	MAIERI	AL			
STAGE I			35.0 TONS			
STAGE II			29.0 TONS			
CULVERT EXCAN	CULVERT EXCAVATION		LUMP SUM			
			R	-4753		
	$\frac{1}{2} = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = $					
	STATION: 142+19.00 -L-					
	SHEET 1 OF	7				
		STATE (TON	
DEFARIMENT OF TRANSPORTATION RALEIGH						
TH CAROLAN	STNG	IFQ	FT	X 7	FT	
SEAL		2 <u> </u>	ROX		, FRT	
17230		$\circ _ \cap c$	∩∩_י(، <u>ب</u> ب ب ۱۸/	
FILLY S. ARAF ATTIN	JUE) -UU	JNE	۷V	
DocuSigned by: Wael Orafat 10/12/2016		REVISI	ONS		SHEET NO.	
OCUMENT NOT CONSIDERED	NO. BY:	DATE: N	0. BY:	DATE:	C-1	
SIGNATURES COMPLETED	2		 }		SHEETS 14	
	CULVERT #1					