

511/ (DTOUT SODTRE ON EU RONNET ROLT)		
5.14', (RIGHT SCRIBE ON FH BONNET BOLT)	NOTES	
	ASSUMED LIVE LOAD	
	DESIGN FILL 3'-10 (MAX.), 2'-0"(MIN.)	
	FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.	
	3"Ø WEEP HOLES INDICATED TO BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS. THE RESIDENT ENGINEER SHALL CHECK THE LENGTH OF CULVERT BEFORE STAKING IT OUT TO MAKE CERTAIN	
	THAT IT WILL PROPERLY TAKE CARE OF THE FILL.	
-Y2-	CONCRETE IN THE CULVERT TO BE POURED IN THE FOLLOWING ORDER: 1.WING FOOTINGS,CURTAIN WALLS AND FLOOR SLAB INCLUDING 4"OF ALL VERTICAL WALLS. 2.THE REMAINING PORTIONS OF THE WALLS AND WINGS FULL HEIGHT FOLLOWED BY ROOF SLAB AND HEADWALLS.	
	DIMENSIONS FOR WING LAYOUT AS WELL AS ADDITIONAL REINFORCING STEEL EMBEDDED IN BARREL ARE SHOWN ON THE WING SHEETS.	
	TRANSVERSE CONSTRUCTION JOINTS SHALL BE USED IN THE BARREL, SPACED TO LIMIT POURS TO A MAXIMUM OF 70 FEET. LOCATION OF JOINTS SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER.	
	FOR CULVERT DIVERSION DETAILS AND PAY ITEM, SEE EROSION CONTROL PLANS.	
	A 3 FOOT STRIP OF FILTER FABRIC SHALL BE ATTACHED TO THE FILL FACE OF THE WING COVERING THE ENTIRE LENGTH OF THE EXPANSION JOINT.	
	AT THE CONTRACTOR'S OPTION HE MAY SUBMIT, TO THE ENGINEER FOR APPROVAL, DESIGN AND DETAIL DRAWINGS	
	FOR A PRECAST REINFORCED CONCRETE BOX CULVERT IN LIEU OF THE CAST-IN-PLACE CULVERT SHOWN ON THE PLANS. THE DESIGN SHALL PROVIDE THE SAME SIZE AND NUMBER OF BARRELS AS USED ON THE CAST-IN-PLACE DESIGN. FOR OPTIONAL PRECAST REINFORCED CONCRETE BOX CULVERT, SEE SPECIAL PROVISIONS.	
	FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.	
	FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.	
	FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.	
	FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.	
CLASS I RIP RAP (ROADWAY PAY ITEM		
AND DETAIL) (TYP.)		
		I HEREBY CERTIFY THESE PLANS
		ARE THE AS-BUILT PLANS.
ΣH		
CLASS A CONCRETE		
BARREL $@$ <u>1.189</u> CY/FT <u>142.7</u> C.Y.		
WINGS ETC. <u>27.4</u> C.Y. SILLS <u>0.7</u> C.Y.		
TOTAL 170.8 C.Y.		
REINFORCING STEEL		
BARREL29,550 LBS. WINGS ETC1,664 LBS.		PROJECT NO. U-5724
WINGS ETCI,664LBS. TOTAL31,214LBS.		WAYNE COUNTY
CULVERT EXCAVATION STA. 44+87.00 -Y2- LUMP SUM		
FOUNDATION CONDITIONING MATERIAL132 TONSREMOVAL OF EXISTING STRUCTURE		STATION: <u>44+87.00 - Y2-</u>
STA. 44+87.00 -Y2- LUMP SUM	TH CARO	SHEET 1 OF 8
61'-3" -Y2- 58'-9"		STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
30° - 3°°		RALEIGH
0.75%	Jeffrey C. Wilson 11/26/2019	
	CDA045FAFCC9416	SINGLE 10 FT. X 6 FT.
	EL. 107.94′ ± Kimley »Horn	- CONCRETE BOX CULVERT
└──EL.107.04′±		136° SKEW
	421 Fayetteville Street, Suite 600 Raleigh, NC 27601-1772	REVISIONS SHEET NO.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	PROJECT NO. <u>U-5724</u> <u>WAYNE</u> county Station: <u>44+87.00 - Y2-</u>		
SHEET 1 OF 8			
DocuSigned by:	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH		
Jeffrey C. Wilson 11/26/2019 CDA045FAFCC9416	SINGLE 10 FT.X 6 FT.		
	CONCRETE BOX CULVERT		
<b>Kimley Worn</b>	136° SKEW		
421 Fayetteville Street, Suite 600 Raleigh, NC 27601-1772 Phone (919) 677-2000 F-0102	REVISIONS SHEET NO. NO. BY: DATE: NO. BY: DATE: C-1		
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