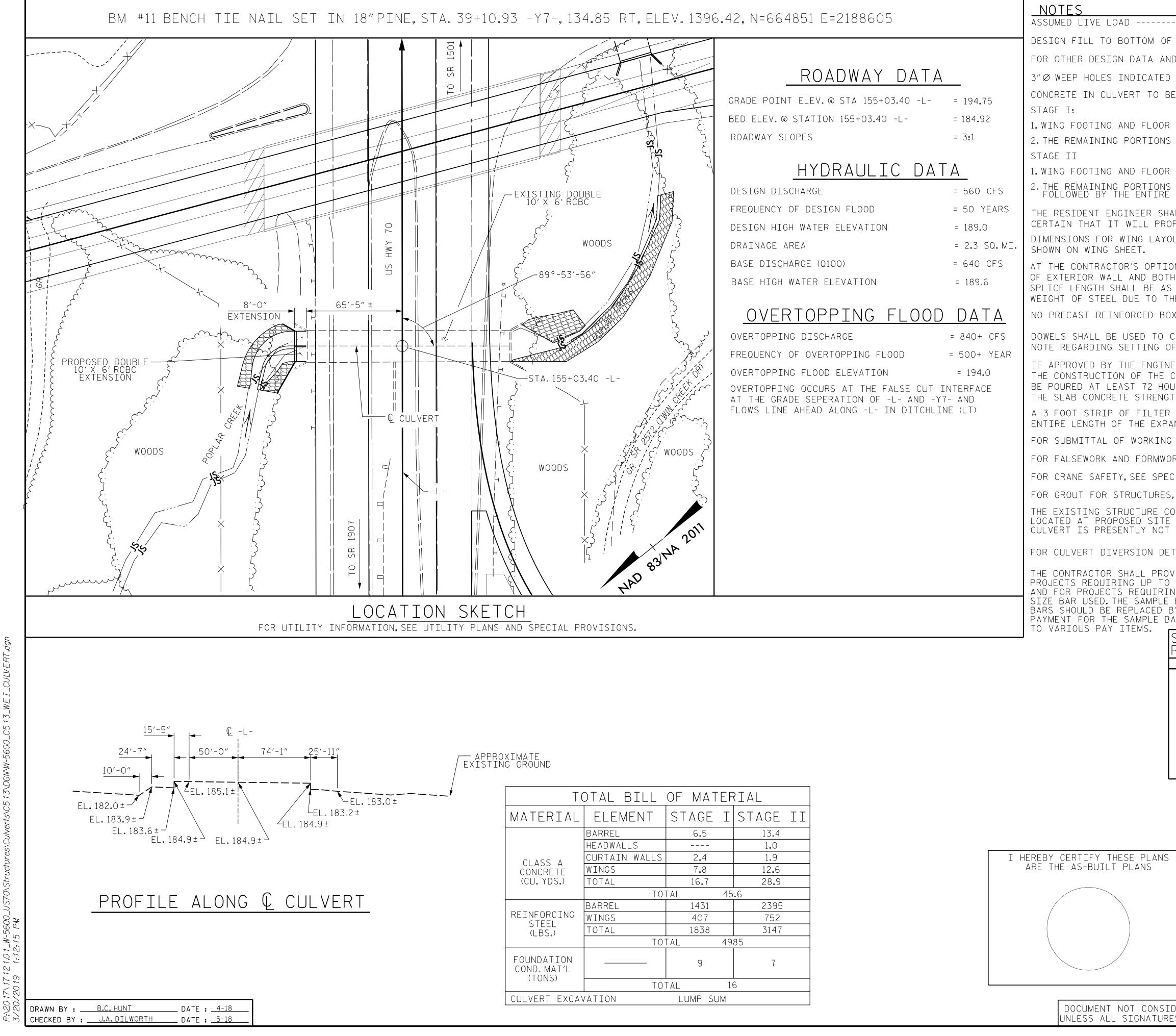
-



 $C_{2} +$ 121.01_W-5600

TOTAL BILL OF MATERIAL				
EAL	ELEMENT	STAGE I	STAGE II	
	BARREL	6.5	13.4	
4 E .)	HEADWALLS		1.0	
	CURTAIN WALLS	2.4	1.9	
	WINGS	7.8	12.6	
。)	TOTAL	16.7	28.9	
	TOT	TAL 45	5.6	
ING	BARREL	1431	2395	
	WINGS	407	752	
	TOTAL	1838	3147	
	TOTAL 4985		85	
ON Fíl		9	7	
	TO	TAL 1	6	
EXCAVATION LUMP SUM				

	F.A. PROJECT NO. HISP-0070(163)		
	TERNATE LOADING.		
F TOP SLAB	2.69′		
ND NOTES SEE S	TANDARD NOTE SHEET.		
) TO BE IN ACC	CORDANCE WITH THE SPECIFICATIONS.		
BE POURED IN T	HE FOLLOWING ORDER:		
SLAR TNOLLDT	NG 4″OF VERTICAL WALLS		
	AND WING FULL HEIGHT.		
SLAB INCLUDI	NG 4″OF VERTICAL WALL.		
5 OF THE WALLS Roof slab an	AND WING FULL HEIGHT D HEADWALL.		
ALL CHECK THE	LENGTH OF CULVERT BEFORE STAKING IT OUT TO MAKE		
	ARE OF THE FILL.		
OUT AS WELL AS	S ADDITIONAL REINFORCING STEEL EMBEDDED IN BARREL ARE		
ON, HE MAY SPL	ICE THE VERTICAL REINFORCING STEEL IN THE INTERIOR FACE		
	TERIOR WALL ABOVE LOWER WALL CONSTRUCTION JOINT. THE THE SPLICE LENGTH CHART SHOWN ON THE PLANS. EXTRA		
	ALL BE PAID FOR BY THE CONTRACTOR.		
)X CULVERT OP1	ION WILL BE ALLOWED.		
	ULVERT EXTENSION TO THE EXISTING CULVERT AS SHOWN. FOR		
DF DOWELS, SEE			
	ACTOR MAY US THE EXISTING WINGS AS TEMPORARY SHORING FOR SION. IN THIS CASE, THE BOTTOM SLAB OF THE EXTENSION SHALL		
URS PRIOR TO	CUTTING THE WINGS. THE WINGS MAY BE CUT EARLIER PROVIDED		
	D A MINIMUM COMPRESSIVE STRENGTH OF 1500 PSI. BE ATTACHED TO THE FILL FACE OF THE WING COVERING THE		
ANSION JOINT.	DE ATTACHED TO THE TILL TAGE OF THE WIND COVENING THE		
G DRAWINGS, SEE	E SPECIAL PROVISIONS.		
DRK, SEE SPECIA	L PROVISIONS.		
CIAL PROVISIO	NS.		
S, SEE SPECIAL	PROVISIONS.		
CONSISTING OF A 10'x6' DOUBLE BARREL REINFORCED CONCRETE BOX CULVERT E SHALL BE RETAINED AND EXTENDED TO THE LIMITS SHOWN. THE EXISTING			
POSTED FOR L			
TAILS AND PAY	ITEM, SEE EROSION CONTROL PLANS.		
VIDE INDEPEND	ENT ASSURANCE SAMPLES OF REINFORCING STEEL AS FOLLOWS:FOR		
	REINFORCING STEEL, ONE 30 INCH SAMPLE OF EACH SIZE BAR USED, ONS OF REINFORCING STEEL, TWO 30 INCH SAMPLES OF EACH		
BARS SHOULD	COME FROM STEEL ACTUALLY USED IN THE PROJECT AND THE SAMPLE RS AS SPECIFIED IN THE SAMPLE BAR REPLACEMENT CHART.		
	CEMENT REINFORCING STEEL SHALL BE BE CONSIDERED INCIDENTAL		
SAMPLE BA	AR IT		
REPLACMEN SIZE LENGTH			
#3 6'-2"	NOTE: SAMPLE BAR REPLACEMENT LENGTHS BASED ON 30" (SAMPLE LENGTH)		
#4 7'-4" #5 8'-6"	PLUS TWO SPLICE LENGTHS AND fy = 60 ksi.		
#6 9'-8" #7 10' 10			
#7 10'-10 #8 12'-0			
#9 13'-2' #10 14'-6			
#10 14'-6 #11 15'-10	PRUJELI NU = NU U U U U U U U		
I	JOHNSTONCOUNTY		
	STATION: 155+03.40 -L-		
Г	SHEET 1 OF 7 EXISTING STRUCTURE NO. 513 ENGINEER_OF RECORD:		
	ENGINEER OF RECORD: 3/25/2019 STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		
	TH CAROUNT DEPARTMENT OF TRANSFORTATION RALEIGH		
	SEAL DOUBLE 10 FT. X 6 FT.		
	CONCRETE BOX CULVERT		
	EXTENSION		
	$E \land I E I S I O I N$ $Buck (harles thurt)$ $89° - 53' - 56'' S K E W$		
	VAVETHERILL		
[:]	ENGINEERINGREVISIONSSHEET NO.1223 Jones Franklin Rd.NO.BY:DATE:NO.C2-1		
DERED FINAL	Raleigh, N.C. 27606 1 DATE: DATE: DATE: Bus: 919 851 8077 1 3 TOTAL Fax: 919 851 8107 1 SHEETS		
ES COMPLETED	LICENSE NO. F-0377 2 7		