

1/12/20 9:25:45

NATE: TIME:

CHECKED BY : \_ JCM

DATE : <u>11/2015</u>

PILE SPLICE DETAILS

SIGNATURES COMPLETED

BILL OF MATERIAL										
END BENT 1										
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT					
B1	10	#10	(1)	43'-1''	1854					
B2	6	#5	STR	40'-3''	252					
B3	8	#4	STR	21'-4''	114					
Β4	11	#4	STR	2'-11''	21					
H1	52	#4	2	8'-4''	289					
K1	24	#4	STR	21'-4''	342					
K2	8	#4	STR	2'-7''	14					
S1	64	#5	3	9'-7''	640					
S2	64	#5	4	3'-10''	256					
S3	12	#4	5	6'-6''	52					
U1	35	#4	6	3'-8''	86					
U2	8	#4	6	5'-11''	32					
U3	8	#4	6	5'-8''	30					
V1	70	#4	STR	7'-5''	347					
V2	44	#4	STR	8'-9''	257					
TOTAL REINFORCING STEEL 4586 LBS.										
CLASS A CONCRETE										
POUR #1 (CAP,COLLARS & LOWER WINGWALLS) 19.1 C.Y.										
POUR #2 (BACKWALL & UPPER WINGWALL) 10.2 C.Y.										
TOTAL = 29.3 C.Y.										
HP 12×53 STEEL PILES:										

## NOTES:

NO.=6

FOR OTHER NOTES, SEE "FOUNDATION LAYOUT" SHEET AND "LOCATION SKETCH" SHEET.

LIN.FT.=210

THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE PARAPET AND END POST ARE CAST IF SLIP FORMING IS USED.

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

THE TOP SURFACE OF THE END BENT CAP, EXCEPT THE BRIDGE SEAT BUILDUPS, SHALL BE SLOPED TRANSVERSELY FROM THE FILL FACE TO THE BACK FACE AT THE RATE OF 2%.

THE TOP SURFACE AREAS OF THE END BENTS CAPS SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, EXCEPT THE MEMBRANE CURING COMPOUND METHOD SHALL NOT BE USED.

INSTALL THE 4"Ø DRAIN PIPE THROUGH THE WINGWALL AS REQUIRED FOR REINFORCED BRIDGE APPROACH FILLS. SEE THE ROADWAY PLANS, REINFORCING STEEL IN THE WINGWALL MAY BE SHIFTED AS NECESSARY TO CLEAR THE DRAIN PIPE.

		project no. <u>l</u> FORSYTH				J-2707 COUNTY		
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		SHE	EET 3 C	DF 3			BRIDG	E NO.656
- AILS	AECOM TECHNICAL SERVICES, INC. 701 CORPORATE CENTER DRIVE, SUITE 475 RALEIGH, NC 27607 (919) 854-6200 www.aecom.com AECOM License No. F-0342	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUBSTRUCTURE END BENT 1 SECTIONS AND DETAILS						
	KODE CHOMELE SON	REVISIONS				DATE:	SHEET NO. S-33	
SIDERED ALL PLETED	1/12/2016			DATE:			DATE:	TOTAL SHEETS 86