

PROJECT NO. <u>W-5518</u> <u>COLUMBUS</u> COUNTY STATION: <u>24+06.36</u> -L- POT SHEET 3 OF 3 STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEICH SUBSTRUCTURE END BENT 1 <u>NO. PY: DATE: NO BY: DATE: SHEET NO.</u> SHEET NO.	ES ———	— BILL OF MATERIAL—						
2    18    No. 512E    TYPE    14 No. 12    NELLON      30 - 6    5    5    10    12    12    12    14    12    12    14    14    18    12    14    14    18    24    5    18    2-C    30    13    14    13    14    14    18    2-C    30    14    13    14    14    5    18    2-C    30    14    14    14    5    18    2-C    30    14    14    14    5    18    2-C    30    14    13    14    15    14			FND RENT 1					
(2)    (1)    (0)    (9)    3    (3)		BAR	NO.				WEIGHT	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	(2)							
3    H    33    H    STR    3-e7    30      HI    21    FS    S    11'-37    246      HI    21    FS    S    11'-37    245      HI    21    FS    S    11'-37    40      HI    21    FS    S    11'-37    452      HI    FS    S <th>KHK</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	KHK							
3    18    19    14    517    3-07    30      13    14    21    15    5    11/-37    246      13    0    14    517    3-77    19    19      13    0    14    517    3-77    19    19      14    21    15    5    11/-37    246      13    0    14    517    3-77    19      14    21    15    4    135-07    246      15    21    14    4    517    3-77    19      15    21    14    5    57    30    24      16    21    14    5    57    30    24      11    43    14    5    57    30    30    30    55    517    67    310      11    10<	$\sum_{1} \frac{1}{5^{1/2''}}$			-				
Image: state intervention      Image: state interventinterventeventevention      Image: state intervention<								
3    H    12    21    15    11    14    21    15    14    13'-5'    234      5'-0'    1'-3'    1'-3'    1'-3'    1'-3'    285    1'-3'    285      KI    24    4    5TR    1'-1''    285    1'-1''    430      5'-0'    1'-3'    1'-3'    1'-3''    1'-3''    1'-3''    430      10'-5'    H1    24'    4'-4'    5TR    26''-10''    430      10'-6'    H2    1'-4''    4'-4''    5'''-7''    162      10'-6'    H2    10'-5''    10''-6''    10''-6''    10''-6''      10'-6'    H2    10''-5''    5''TR    10''-6''    317''      10'-7'    H2    10''-5''    5'TR    10''-6''    317''      10'-1'    H2    10''-5''    5'TR    10''-6''    10''-6''      10'-1'    H2    10''-5''    5'TR    10''-6''    10''-6''      10'-1'    H2    10''-5''    5'TR    10''-6''    10''-7''      10'-1'    H2    1		0.5	15	7	511	5.0	50	
3  H  3  6  H  517-0°  19    517-0°  1-321  H3  6  H4  518  3-77  19    H3  21  +5  4  13'-0°  295    H1  21  +5  4  13'-0°  295    H1  21  +5  4  13'-0°  295    K1  24  +4  518  26'-10°  430    51  69  +5  518  26'-10°  430    51  69  +5  518  6'-0°  77    10°-5°  H1  10°-6°  100    V1  96  +5  518  8'-10°  792    V2  90  +5  518  10°-6°  100    V1  96  +5  518  10°-6°  100    V2  90  +6  500  500  500    OUT  10  10  10°-6°  100    V2  10°-0°  10°		H1	21	#5		11'-3"	246	
IK      III      III      III      III      IIII      IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	्र							
SH: 0"      1-2"      15      21      75      4      13' 0"      285        K1      24      *4      STR      26'-10"      430        S1      69      *5      1      11'-10"      852        S2      69      *5      STR      0'-0"      182        U1      43      *4      6      6'-8"      53        10'-5"      H2      Y1      86      *5      STR      0'-6"      10        Y1      86      *5      STR      10'-6"      10      10'-6"      10        Y2      10'-5"      H2      Y2      STR      10'-6"      10      10'-6"        Y2      Y2      Y2      Y2      Y2      STR      5'-10"      32'-10"        OUT      Y2      Y2      Y2				-				
31:0    -4 + 1      xi    24    -4    5TR    26'-10'    430      si    69    -5    1    11'-10'    852      si    69    -5    2    4'-7'    162      yi    33    2    -4    7    7'-7'    162      yi    35    32    -4    7    7'-7'    162      yi    30    -5    518    6'-8'    533    10'-6''    130      yi    36    -5    518    6'-8'    533    10'-6''    110      yi    10'-6''    112    +4    6    6'-8'    533    10'-6''    110      yi    36    -5    518    6'-4''    317    10'-6''    110    10'-6''    110    10'-6''    10'-6''    110'-6''		-						
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S2      69      *5      2      4'-7'      330        10'-5''      HI      U2      12      *4      6      5'-2''      162        10'-5''      HI      VI      86      *5      5TR      6'-0''      53        10'-6''      H2      VI      86      *5      5TR      10'-6''      10'        V1      86      *5      5TR      10'-6''      10'		К1	24	#4	STR	26'-10"	430	
S2      69      *5      2      4*7*      330        10*5*      11      43      *4      7      7*7*      162        10*5*      11      43      *4      6      6*2*      53        10*5*      11      12      12      6      6*2*      53        10*5*      11      10*6*      100*8*      518      10*6*      100        10*5*      11      10*6*      100*8*      518      10*6*      100        10*1      10*6*      100*8*      518      10*6*      100        10*1      10*1      10*1      10*1      10*1      10*1        10*1      10*1      10*1      10*1      10*1      10*1        10*1      10*1      10*1      10*1      10*1      10*1        10*1      10*1      10*1      10*1      10*1      10*1        10*1      10*1      10*1      10*1      10*1      10*1        10*1      10*1      10*1      10*1      10*1      10*1 <t< th=""><th></th><th><u>S1</u></th><th>69</th><th>#5</th><th>1</th><th>11'-10"</th><th>852</th></t<>		<u>S1</u>	69	#5	1	11'-10"	852	
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V3      10      #5      STR      100-67      110        V4      48      #5      STR      67-47      317        00T      10-3*LAP      10      10      10      10        00T      10-00T      100-67      317      10        00T      10-00T      10-00T      10-00T      10-00T        101AL      REINFORCING STEEL      6963/bs      6963/bs        CLASS      **/*CONCRETE - CULVARDS      6963/bs        POUR 1 - CAP, COLLARS & LOWER WINGS 35.2 cu. yds      9000 10-0000 10-0000 10-0000000000000000	10'-6" H2							
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OUT TO OUT    OUT TO OUT  TOTAL REINFORCING STEEL  6963/05    CLASS "A" CONCRETE - CLLYARDS  POUR 1 - CAP, COLLARS & LOWER WINGS 36.2 cu. yds    POUR 1 - CAP, COLLARS & LOWER WINGS 36.2 cu. yds    POUR 2 - UPPER WINGS & BACKWALL  16.0 cu. yds    TOTAL  52.2 cu. yds    HP12X53 STEEL PILES  8 PILES REQUIRED - LIN.FEET  600    PILE REDRIVES  4 EA.    PROJECT NO.  W-5518	/1'-3″LAP							
OUT TO OUT    OUT TO OUT  TOTAL REINFORCING STEEL  6963/05    POUR 1 - CAP, COLLARS & LOWER WINGS 36.2 cu. yds    POUR 2 - UPPER WINGS & BACKWALL  16.0 cu. yds    TOTAL  52.2 cu. yds    POUR 2 - UPPER WINGS & BACKWALL  16.0 cu. yds    TOTAL  52.2 cu. yds    POUR 2 - UPPER WINGS & BACKWALL  16.0 cu. yds    TOTAL  52.2 cu. yds    HP12X53 STEEL PILES  8 PILES REQUIRED - LIN. FEET  600    PILE REDRIVES  4 EA.    PROJECT NO.  W-5518								
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OUT TO OUT    OUT TO OUT  TOTAL REINFORCING STEEL  6963/05    POUR 1 - CAP, COLLARS & LOWER WINGS 36.2 cu. yds    POUR 2 - UPPER WINGS & BACKWALL  16.0 cu. yds    TOTAL  52.2 cu. yds    POUR 2 - UPPER WINGS & BACKWALL  16.0 cu. yds    TOTAL  52.2 cu. yds    POUR 2 - UPPER WINGS & BACKWALL  16.0 cu. yds    TOTAL  52.2 cu. yds    HP12X53 STEEL PILES  8 PILES REQUIRED - LIN. FEET  600    PILE REDRIVES  4 EA.    PROJECT NO.  W-5518	21.0"							
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TOTAL REINFORCING STEEL    6963/bs      CLASS "A" CONCRETE - CU, YARDS      POUR 1 - CAP, COLLARS & LOWER WINGS 36.2 cu, yds      POUR 2 - UPPER WINGS & BACKWALL    16.0 cu, yds      TOTAL      POUR 2 - UPPER WINGS & BACKWALL    16.0 cu, yds      TOTAL      POUR 2 - UPPER WINGS & BACKWALL    16.0 cu, yds      TOTAL      POUR 2 - UPPER WINGS & BACKWALL    16.0 cu, yds      TOTAL      WINGS & BACKWALL    16.0 cu, yds      TOTAL      POUR 2 - UPPER WINGS & BACKWALL    16.0 cu, yds      TOTAL      POUR 2 TO NO.    W-5518      COLUMBUS    COUNTY      STATION:    24+06.36 -L - POT      SHEET 3 OF 3      COLUMBUS    SUBSTRUCTURE      END BENT 1      NO. BY:    SHEET NO.      NO. BY:    SHEET NO.      STATE OF NORTH CARDUNA <td colspan<="" td=""><th></th><td></td><td></td><td></td><td></td><td></td><td></td></td>	<th></th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
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CLASS "A" CONCRETE - CU. YARDS POUR 1 - CAP, COLLARS & LOWER WINGS 36.2 cu. yds POUR 2 - UPPER WINGS & BACKWALL 16.0 cu. yds 107AL 52.2 cu. yds HP12X53 STEEL PILES 8 PILES REQUIRED - LIN. FEET 600 PILE REDRIVES 4 EA. PROJECT NO. <u>W-5518</u> <u>COLUMBUS</u> COUNTY STATEOF MORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEOF SUBSTRUCTURE END BENT 1 <u>NO. BY: DATE: NO. BY: DATE:</u> <u>SHEET NO. S-24</u>		τοται	RETNE		STEFI		69631hs	
POUR 2 - UPPER WINGS & BACKWALL <u>16.0 cu. yds</u> <u>10TAL</u> <u>52.2 cu. yds</u> <u>B PILES REQUIRED - LIN. FEET 600</u> <u>PILE REDRIVES 4 EA.</u> PROJECT NO. <u>W-5518</u> <u>COLUMBUS</u> COUNTY STATION: <u>24+06.36 -L- POT</u> SHEET 3 OF 3 STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALLEH SUBSTRUCTURE END BENT 1 <u>No BY: DATE: NO BY: DATE</u> SHEET NO. <u>10/2/2015</u>						DS	0000100.	
TOTAL 52.2 OU. VdS HP12X53 STEEL PILES 8 PILES REQUIRED - LIN. FEET 600 PILE REDRIVES 4 EA. PROJECT NO. W-5518 COLUMBUS COUNTY STATION: 24+06.36 -L- POT SHEET 3 OF 3 STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALION SUBSTRUCTURE END BENT 1 NO BY: DATE: NO. BY: DATE: SHEET NO. S-24 STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALION SUBSTRUCTURE END BENT 1								
HP12X53 STEEL PILES      8 PILES REQUIRED - LIN. FEET    600      PILE REDRIVES    4 EA.      PROJECT NO. W-5518      COLUMBUS      COUNTY      STATE OF NO. W-5518      DOUNTY      STATE OF NO. 24+06.36 -L- POT      SHEET 3 OF 3      STATE OF TRANSPORTATION      SUBSTRUCTURE      BND BENT 1      NO. BY: DATE: NO. 5-24      NO. BY: DATE: NO. 5-24      SHEET NO. 5-24			2 - UPI	PER WIN	GS & BAC			
8 PILES REQUIRED - LIN, FEET    600      PILE REDRIVES    4 EA.      PROJECT NO.    W-5518      COLUMBUS    COUNTY      STATION:    24+06.36      SHEET 3 OF 3      SHEET 3 OF 3      SHEET 3 OF 3      SUBSTRUCTURE      END BENT 1      NO			53 STE	EL PILE	S	5	<u>2.2 CU. YOS.</u>	
PROJECT NO. <u>W-5518</u> <u>COLUMBUS</u> COUNTY STATION: <u>24+06.36</u> -L- POT SHEET 3 OF 3 STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALLEDH SUBSTRUCTURE END BENT 1 <u>NO BY: DATE: NO BY: DATE: SHEET NO.</u> <u>S-24</u> <u>SHEET NO.</u>		8 PIL	ES REC	UIRED		EET		
COLUMBUS COUNTY STATION: 24+06.36 -L- POT SHEET 3 OF 3 SHEET 3 OF 3 STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUBSTRUCTURE END BENT 1 NO. BY: DATE: NO. BY: DATE: SHEET NO. S-24 JUZZ2015		PILE F	REDRIN	/ES			4 EA.	
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STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUBSTRUCTURE END BENT 1 Koren Lausten 10/2/2015 REVISIONS SHEET NO. S-24 1 1 10/2/2015		2	IAI.			<b>J.JU</b> L		
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUBSTRUCTURE END BENT 1 Koren Lausten 10/2/2015 REVISIONS SHEET NO. S-24 1 1 10/2/2015		SF	HEET 3	OF 3				
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