

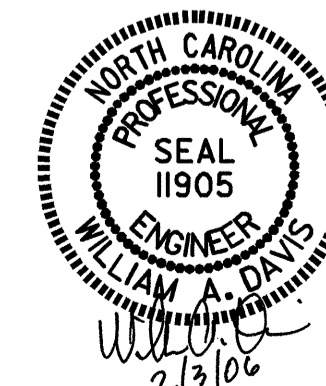
BILL OF MATERIAL					
BENT #1					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	7	10	1	46'-2"	1391
B2	12	4	STR	22'-8"	182
B3	7	10	STR	43'-4"	1305
B4	2	5	STR	43'-6"	91
B5	4	4	STR	1'-1"	3
B6	4	4	STR	1'-9"	5
D1	52	8	STR	2'-3"	312
M1	12	9	2	42'-4"	1727
M2	12	9	2	42'-1"	1717
M3	12	9	2	41'-10"	1707
S1	42	5	3	10'-6"	460
S2	44	4	6	4'-2"	122
U1	2	4	4	3'-7"	5
U2	2	4	4	3'-10"	5
U3	2	4	4	4'-0"	5
U4	2	4	4	4'-2"	6
U5	2	4	4	4'-5"	6
U6	8	4	4	6'-2"	33
U7	8	4	4	6'-0"	32
REINFORCING STEEL					9114 LBS.
SP-1	1	***	5	631'-9"	659
SP-2	1	***	5	631'-9"	659
SP-3	1	***	5	624'-7"	651
SPIRAL COLUMN REINFORCING STEEL					1969 LBS.
CLASS A CONCRETE					
POUR 2 (CAP)					22.0 C.Y.
POUR 3 (LATERAL GUIDE)					0.1 C.Y.
TOTAL CLASS A CONCRETE					22.1 C.Y.
3'-0" Ø DRILLED PIERS					
DRILLED PIER CONCRETE BREAKDOWN					
POUR 1 (DRILLED PIERS)					28.0 C.Y.
3'-0" Ø DRILLED PIER IN SOIL :					
LINEAR FEET					91.9 FT.
3'-0" Ø DRILLED PIER NOT IN SOIL :					
LINEAR FEET					15.0 FT.
PERMANENT STEEL CASING FOR 3'-0" Ø DRILLED PIERS:					43.9 FT.
CROSSHOLE SONIC LOGGING					1 EA.
SID INSPECTION					1 EA.
CSL TUBES:					457.7 FT.

ALL BAR DIMENSIONS ARE OUT TO OUT.  
 \*\*\* THE "SP" SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.

PROJECT NO. B-4039  
 BURKE COUNTY  
 STATION: 14+12.00 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE BENT #1					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					S-20
					TOTAL SHEETS 26



DRAWN BY : J.G. KHARVA DATE : 7/06/05  
 CHECKED BY : J.L. WALTON DATE : 10/13/05

03-FEB-2006 12:11  
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