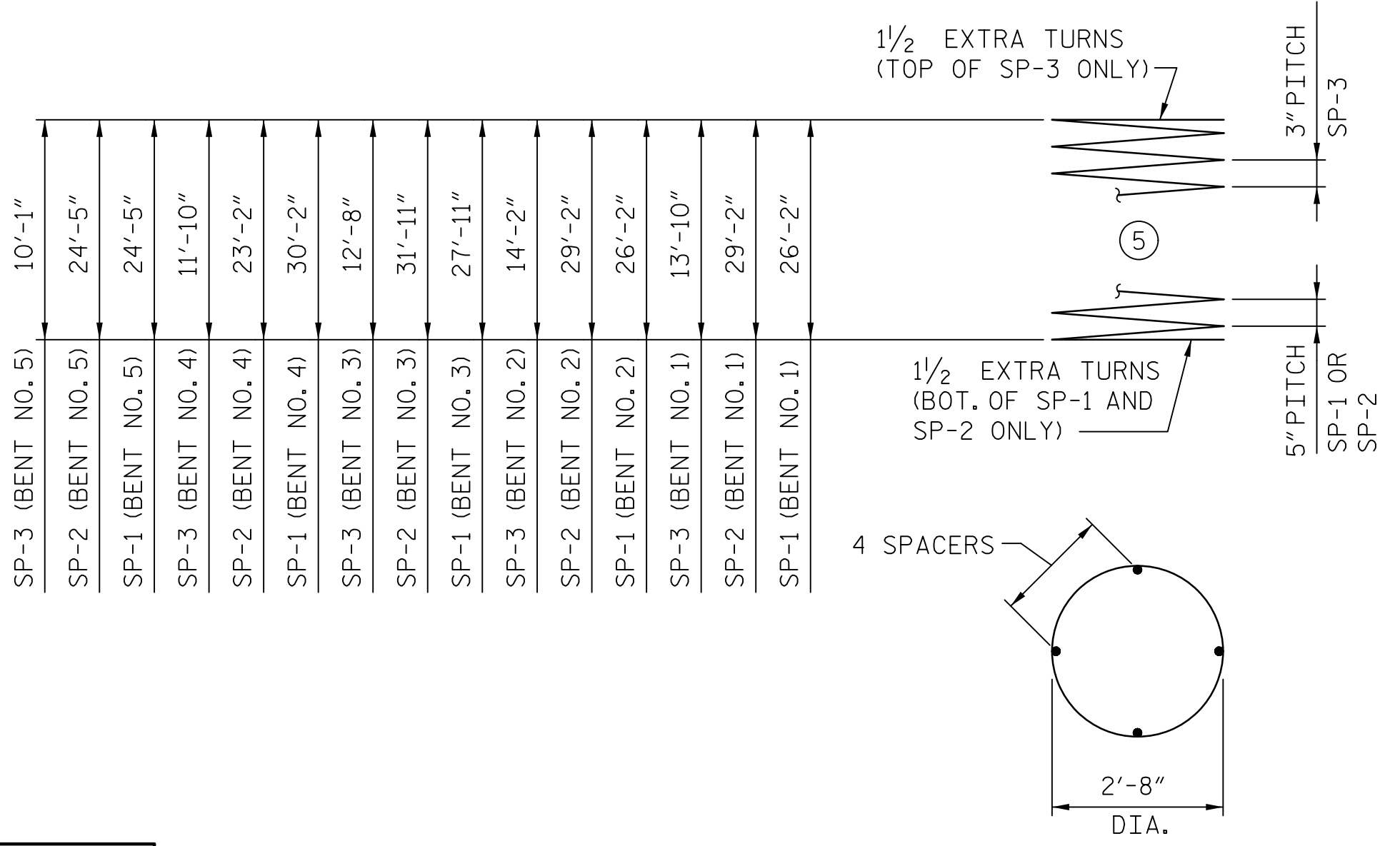
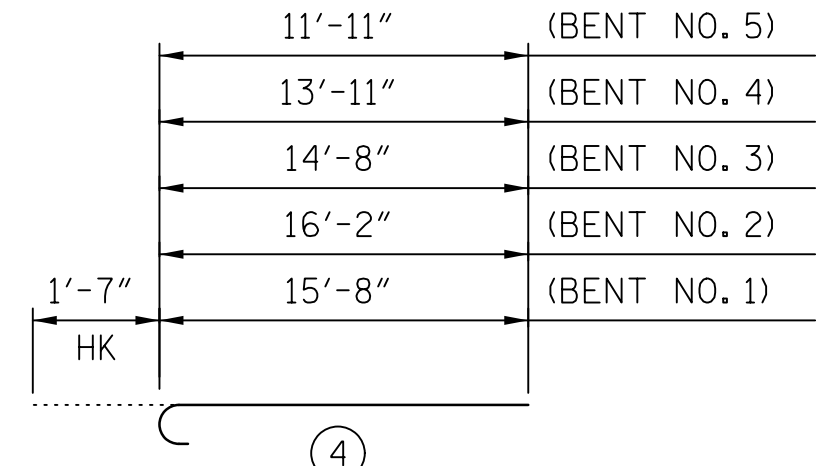
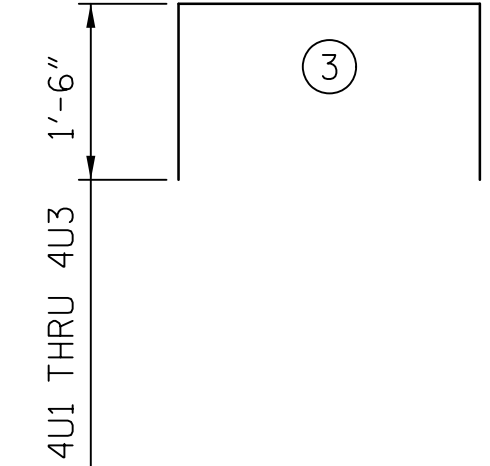
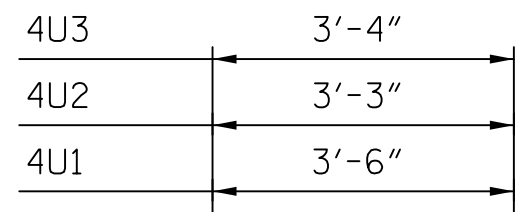
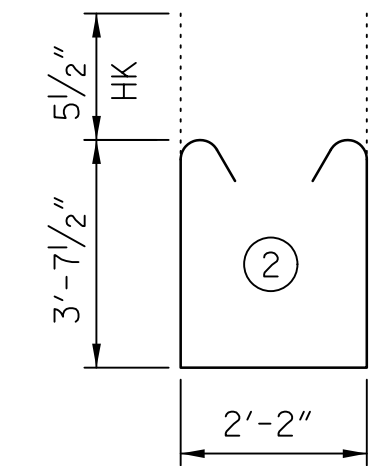
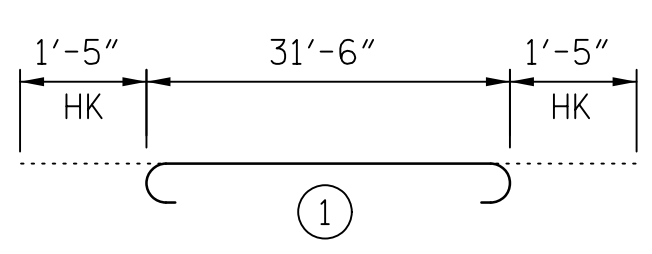


BAR TYPES						BILL OF MATERIAL						BILL OF MATERIAL						BILL OF MATERIAL						BILL OF MATERIAL											
ALL BAR DIMENSIONS ARE OUT TO OUT.						BENT 1						BENT 2						BENT 3						BENT 4						BENT 5					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT						
B1	6	#10	STR	31'-6"	814	B1	6	#10	STR	31'-6"	814	B1	6	#10	STR	31'-6"	814	B1	6	#10	STR	31'-6"	814	B1	6	#10	STR	31'-6"	814						
B2	8	#9	STR	31'-6"	857	B2	8	#9	STR	31'-6"	857	B2	8	#9	STR	31'-6"	857	B2	8	#9	STR	31'-6"	857	B2	8	#9	STR	31'-6"	857						
B3	6	#10	①	34'-4"	886	B3	6	#10	①	34'-4"	886	B3	6	#10	①	34'-4"	886	B3	6	#10	①	34'-4"	886	B3	6	#10	①	34'-4"	886						
B4	4	#5	STR	31'-6"	131	B4	4	#5	STR	31'-6"	131	B4	4	#5	STR	31'-6"	131	B4	4	#5	STR	31'-6"	181	B4	4	#5	STR	31'-6"	131						
M1	16	#11	STR	39'-0"	3315	M1	16	#11	STR	39'-0"	3315	M1	16	#11	STR	43'-0"	3655	M1	16	#11	STR	40'-6"	3443	M1	16	#11	STR	38'-6"	3273						
M2	16	#11	STR	42'-0"	3570	M2	16	#11	STR	40'-6"	3443	M2	16	#11	STR	46'-0"	3910	M2	16	#11	STR	34'-6"	2933	M2	16	#11	STR	35'-6"	3018						
M3	8	#11	STR	28'-0"	1190	M3	8	#11	STR	27'-6"	1169	M3	8	#11	STR	32'-0"	1360	M3	8	#11	STR	29'-6"	1254	M3	8	#11	STR	27'-6"	1169						
M4	8	#11	STR	31'-0"	1318	M4	8	#11	STR	29'-6"	1254	M4	8	#11	STR	35'-0"	1488	M4	8	#11	STR	23'-6"	999	M4	8	#11	STR	24'-6"	1041						
S1	114	#5	②	10'-4"	1229	S1	114	#5	②	10'-4"	1229	S1	114	#5	②	10'-4"	1229	S1	114	#5	②	10'-4"	1229	S1	114	#5	②	10'-4"	1229						
U1	8	#4	③	7'-0"	37	U1	8	#4	③	7'-0"	37	U1	8	#4	③	7'-0"	37	U1	8	#4	③	7'-0"	37	U1	8	#4	③	7'-0"	37						
U2	6	#4	③	6'-3"	25	U2	6	#4	③	6'-3"	25	U2	6	#4	③	6'-3"	25	U2	6	#4	③	6'-3"	25	U2	6	#4	③	6'-3"	25						
U3	40	#4	③	6'-4"	169	U3	40	#4	③	6'-4"	169	U3	40	#4	③	6'-4"	169	U3	40	#4	③	6'-4"	169	U3	40	#4	③	6'-4"	169						
V1	32	#11	④	17'-3"	2933	V1	32	#11	④	17'-9"	3018	V1	32	#11	④	16'-3"	2763	V1	32	#11	④	15'-6"	2635	V1	32	#11	④	13'-6"	2295						
REINFORCING STEEL LBS. 16474						REINFORCING STEEL LBS. 16347						REINFORCING STEEL LBS. 17324						REINFORCING STEEL LBS. 15462						REINFORCING STEEL LBS. 14944											
SP-1	1	**	⑤	553'-6"	577	SP-1	1	**	⑤	545'-0"	568	SP-1	1	**	⑤	636'-0"	663	SP-1	1	**	⑤	586'-6"	612	SP-1	1	**	⑤	545'-0"	568						
SP-2	1	**	⑤	611'-0"	637	SP-2	1	**	⑤	586'-6"	612	SP-2	1	**	⑤	694'-0"	724	SP-2	1	**	⑤	462'-6"	482	SP-2	1	**	⑤	487'-6"	508						
SP-3	2	***	⑤	487'-0"	651	SP-3	2	***	⑤	495'-0"	661	SP-3	2	***	⑤	446'-0"	596	SP-3	2	***	⑤	421'-0"	562	SP-3	2	***	⑤	363'-0"	485						
SPIRAL REINFORCING STEEL LBS. 1865						SPIRAL REINFORCING STEEL LBS. 1841						SPIRAL REINFORCING STEEL LBS. 1983						SPIRAL REINFORCING STEEL LBS. 1656						SPIRAL REINFORCING STEEL LBS. 1561											
*** THE "SP" SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.						*** THE "SP" SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.						*** THE "SP" SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.						*** THE "SP" SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.						*** THE "SP" SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.											
*** THE "SP" SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.						*** THE "SP" SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.						*** THE "SP" SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.						*** THE "SP" SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.						*** THE "SP" SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.											
BENT 1 TOTAL QUANTITIES						BENT 2 TOTAL QUANTITIES						BENT 3 TOTAL QUANTITIES						BENT 4 TOTAL QUANTITIES						BENT 5 TOTAL QUANTITIES											
CLASS A CONCRETE						CLASS A CONCRETE						CLASS A CONCRETE						CLASS A CONCRETE						CLASS A CONCRETE											
POUR 2 (COLUMNS) C.Y. 7.1						POUR 2 (COLUMNS) C.Y. 7.3						POUR 2 (COLUMNS) C.Y. 6.5						POUR 2 (COLUMNS) C.Y. 6.1						POUR 2 (COLUMNS) C.Y. 5.1											
POUR 3 (CAP) C.Y. 18.2						POUR 3 (CAP) C.Y. 18.2						POUR 3 (CAP) C.Y. 18.2						POUR 3 (CAP) C.Y. 18.2						POUR 3 (CAP) C.Y. 18.2											
TOTAL CLASS A CONCRETE C.Y. 25.3						TOTAL CLASS A CONCRETE C.Y. 25.5						TOTAL CLASS A CONCRETE C.Y. 24.7						TOTAL CLASS A CONCRETE C.Y. 24.3						TOTAL CLASS A CONCRETE C.Y. 23.3											
DRILLED PIERS, CONCRETE						DRILLED PIERS, CONCRETE						DRILLED PIERS, CONCRETE						DRILLED PIERS, CONCRETE						DRILLED PIERS, CONCRETE											
POUR 1 C.Y. 21.4						POUR 1 C.Y. 20.7						POUR 1 C.Y. 24.2						POUR 1 C.Y. 19.2						POUR 1 C.Y. 18.9											
3'-6" Ø DRILLED PIERS IN SOIL LIN. FT. 46.0						3'-6" Ø DRILLED PIERS IN SOIL LIN. FT. 45.0						3'-6" Ø DRILLED PIERS IN SOIL LIN. FT. 52.0						3'-6" Ø DRILLED PIERS IN SOIL LIN. FT. 41.0						3'-6" Ø DRILLED PIERS IN SOIL LIN. FT. 42.0											
3'-6" Ø DRILLED PIERS NOT IN SOIL LIN. FT. 14.0						3'-6" Ø DRILLED PIERS NOT IN SOIL LIN. FT. 13.0						3'-6" Ø DRILLED PIERS NOT IN SOIL LIN. FT. 16.0						3'-6" Ø DRILLED PIERS NOT IN SOIL LIN. FT. 13.0						3'-6" Ø DRILLED PIERS NOT IN SOIL LIN. FT. 11.0											
CSL TUBES LIN. FT. 252.0						CSL TUBES LIN. FT. 244.0						CSL TUBES LIN. FT. 284.0						CSL TUBES LIN. FT. 228.0						CSL TUBES LIN. FT. 224.0											
PERMANENT STEEL CASING FOR 3'-6" Ø DRILLED PIERS LIN. FT. 0.0						PERMANENT STEEL CASING FOR 3'-6" Ø DRILLED PIERS LIN. FT. 0.0						PERMANENT STEEL CASING FOR 3'-6" Ø DRILLED PIERS LIN. FT. 26.6						PERMANENT STEEL CASING FOR 3'-6" Ø DRILLED PIERS LIN. FT. 19.2						PERMANENT STEEL CASING FOR 3'-6" Ø DRILLED PIERS LIN. FT. 0.0											



DATE: 11/12/2015 TIME: 9:25:59 AM  
USER: jcm  
DGN: R:\Bridges\656\Card\401\_L12707\_S36\_BFO3.dgn

DRAWN BY : KHC DATE : 11/2015  
CHECKED BY : JCM DATE : 11/2015

PROJECT NO. U-2707  
FORSYTH COUNTY  
 STATION: 90+25.00 -L-  
 SHEET 3 OF 3 BRIDGE NO. 656

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SEAL  
 JOHN C. MORRISON  
 ENGINEER  
 1/12/2016

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

SUBSTRUCTURE  
 BENTS 1 THRU 5

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:

SHEET NO. **S-36**  
 TOTAL SHEETS **86**

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED