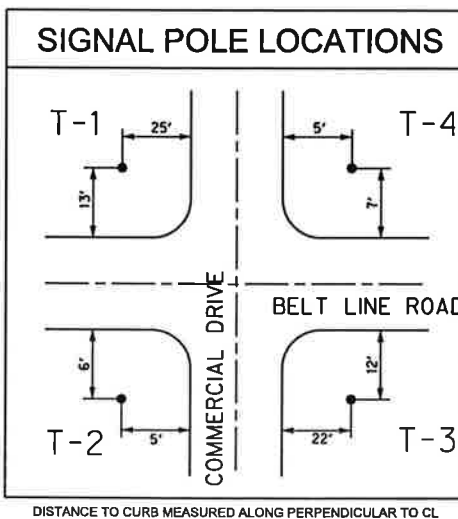
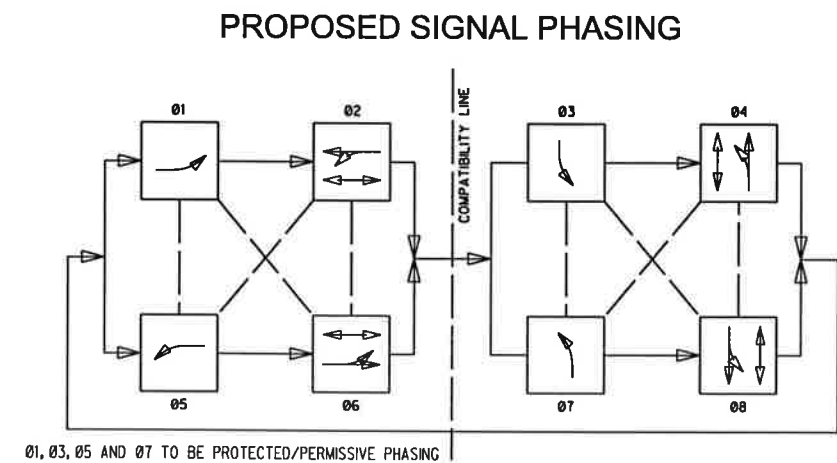
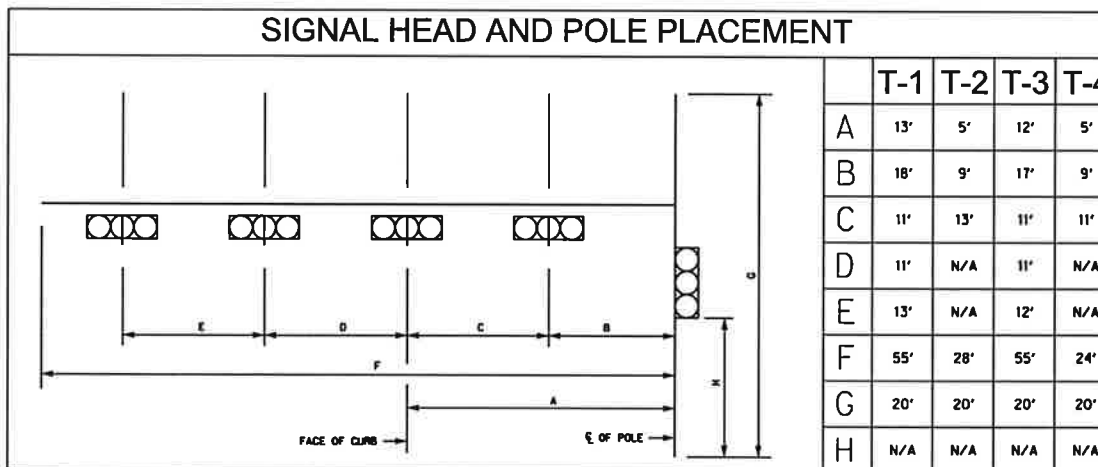


CABLE TERMINATION CHART				
CONDUCTOR COLOR	CABLE 1	CABLE 2	CABLE 3	CABLE 4
	20 CNDR	10 CNDR	20 CNDR	20 CNDR
	FROM CNTRL TO T-1 TERMINAL BLOCK	FROM CNTRL TO T-2 TERMINAL BLOCK	FROM CNTRL TO T-3 TERMINAL BLOCK	FROM CNTRL TO T-4 TERMINAL BLOCK
RED	SH 1, 2, 3, 4 Ø 2 R	SH 7, 8 Ø 8 R	SH 11, 12, 13, 14 Ø 6 R	SH 17, 18 Ø 4 R
ORANGE	SH 1, 2, 3, 4 Ø 2 Y	SH 7, 8 Ø 8 Y	SH 11, 12, 13, 14 Ø 6 Y	SH 17, 18 Ø 4 Y
GREEN	SH 1, 2, 3, 4 Ø 2 G	SH 7, 8 Ø 8 G	SH 11, 12, 13, 14 Ø 6 G	SH 17, 18 Ø 4 G
RED/BLACK	SPARE	SPARE	SPARE	SPARE
ORANGE/BLACK	SPARE	SPARE	SPARE	SPARE
GREEN/BLACK	SPARE	SPARE	SPARE	SPARE
WHITE/BLACK	SPARE	SPARE	SPARE	SPARE
BLUE/BLACK	Ø 2 PED CALL	Ø 6 PED CALL	Ø 6 PED CALL	Ø 2 PED CALL
BLUE/WHITE	SH 6 Ø 2 W	SH 10 Ø 6 W	SH 16 Ø 6 W	SH 20 Ø 2 W
BLACK/WHITE	SH 6 Ø 2 DW	SH 10 Ø 6 DW	SH 16 Ø 6 DW	SH 20 Ø 2 DW
BLACK	SH 1 Ø 5 Y LT ARROW	SH 7 Ø 3 Y LT ARROW	SH 11 Ø 1 Y LT ARROW	SH 17 Ø 7 Y LT ARROW
GREEN/WHITE	SH 5 Ø 8 W	SH 9 Ø 8 W	SH 15 Ø 4 W	SH 19 Ø 4 W
RED/WHITE	SH 5 Ø 8 DW	SH 9 Ø 8 DW	SH 15 Ø 4 DW	SH 19 Ø 4 DW
BLUE	SH 1 Ø 5 G LT ARROW	SH 7 Ø 8 G LT ARROW	SH 11 Ø 1 G LT ARROW	SH 17 Ø 7 G LT ARROW
WHITE	SIGNAL COMMON	SIGNAL COMMON	SIGNAL COMMON	SIGNAL COMMON
BLACK/RED	Ø 8 PED CALL	Ø 8 PED CALL	Ø 4 PED CALL	Ø 4 PED CALL
WHITE/RED	SPARE	SPARE	SPARE	SPARE
ORANGE/RED	SPARE	SPARE	SPARE	SPARE
BLUE/RED	SPARE	SPARE	SPARE	SPARE
RED/GREEN	SPARE	SPARE	SPARE	SPARE

CONDUIT SUMMARY														
RUN NO.	CONDUIT			RUN LENGTH (FT)	INSTALL TYPE	ELECTRICAL CONDUCTORS			SIGNAL CABLES #14 AWG			VIVDS CABLE	OPTICOM CABLE	ILSN CABLE 3/C #12
	2"	3"	4"			XHHW #6	GROUND		20 CNDR TYP A	5 CNDR TYP A	7 CNDR TYP A			
							BARE #6	BARE #8						
1	1			7	T	2	1							
2				2	T			2	4			4	4	4
3	1	1		7	T			2	1			1	1	1
4				2	T			2	3			3	3	3
5				1	B			1	2			2	2	2
6				1	B			1	1			1	1	1
7	1	1		7	T			2	1			1	1	1
8				1	B			1						
9	1	1		15	T			2	1			1	1	1
10				1	B			1	1			1	1	1
11	1	1		7	T			2	1			1	1	1
CABLE TOTALS						14	7	478	468	0	0	468	468	468
CONDUIT TOTALS						2" TRENCH	43	T = TRENCH B = BORE						
						2" BORE	0							
						3" TRENCH	36							
						3" BORE	0							
						4" TRENCH	52							
						4" BORE	354							



DISTANCES ARE FOR GUIDANCE ONLY.  
EXACT LOCATION OF SIGNAL POLES SHALL  
BE STAKED BY THE CONTRACTOR AND APPROVED  
BY THE TOWN ENGINEER PRIOR TO DRILLING



*S.P. Booth*  
Signature of Registrant Date 1/24/2014

FIRM REGISTRATION NUMBER: 312

NO.	REVISION	BY	DATE
TOWN OF ADDISON DALLAS COUNTY, TEXAS  BELT LINE ROAD UNDERGROUND ELECTRICAL  TRAFFIC SIGNAL DESIGN TABLES BELT LINE RD AT COMMERCIAL DR			
1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 346-6200 FAX (214) 739-0095			
PROJECT	DESIGN	DRAWN	DATE
29350	HALFF	HALFF	NOV. 2013
FILE	SHEET		
29350_SGNL_04	TS-4		