CABLE TERMINATION CHART

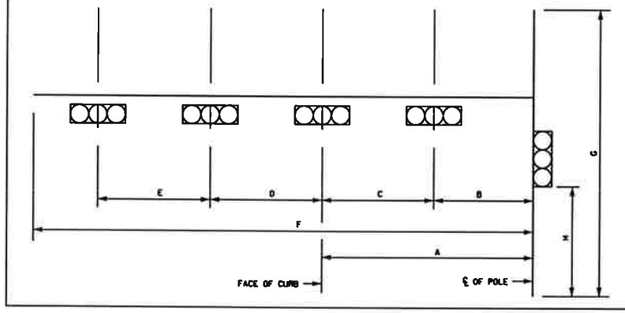
CONDUCTOR COLOR	CABLE 1	CABLE 2	CABLE 3	CABLE 4
	20 CNDR	10 CNDR	20 CNDR	20 CNDR
	FROM CNTRL TO T-1 TERMINAL BLOCK	FROM CNTRL TO T-2 TERMINAL BLOCK	FROM CNTRL TO T-3 TERMINAL BLOCK	FROM CNTRL TO T-4 TERMINAL BLOCK
RED	SH 1, 2, 3, 4 Ø 2 R	SH 7, 8 Ø 8 R	SH 11, 12, 13, 14 Ø 6 R	SH 17, 18 Ø 4 R
ORANGE	SH 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 Ø5 Y LT ARROW	SH 7 Ø3 Y LT ARROW	SH 11 Ø1 Y LT ARROW	SH 17 Ø7 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 Ø5 G LT ARROW	SH 7 Ø8 G LT ARROW	SH 11 Ø1 G LT ARROW	SH 17 Ø7 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 2"	CONDUIT 3"	CONDUIT 4"	RUN LENGTH (FT)	INSTALL TYPE	ELECTRICAL CONDUCTORS XHHW #6	GROUND BARE #6	GROUND BARE #8	SIGNAL CABLES #14 AWG 20 CNDR TYP A	5 CNDR TYP A	7 CNDR TYP A	VIVDS CABLE	OPTICOM CABLE	ILSN CABLE 3/C #12
1	1			5	T	2	1							
2			2	5	T			2	4			4	4	4
3			2	7	T			2	4			4	4	4
4	1	1		7	T			2	1			1	1	1
5			1	70	B			1	2			2	2	2
6			1	107	B			1	1			1	1	1
7	1	1		7	T			2	1			1	1	1
8			1	77	B			1						
9	1	1		15	T			2	1			1	1	1
10			1	100	B			1	1			1	1	1
11	1	1		7	T			2	1			1	1	1
CABLE TOTALS						10	5	450	431	0	0	431	431	431

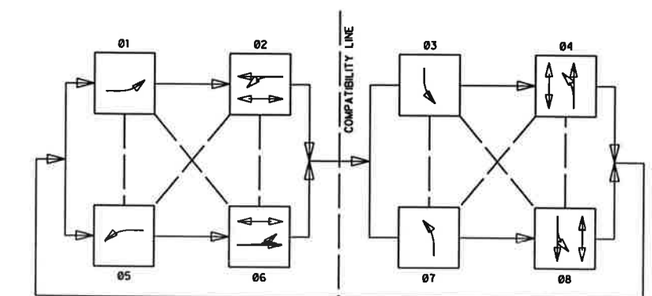
CONDUIT TOTALS			
	2" TRENCH	41	T = TRENCH B = BORE
	2" BORE	0	
	3" TRENCH	36	
	3" BORE	0	
	4" TRENCH	24	
	4" BORE	354	

SIGNAL HEAD AND POLE PLACEMENT



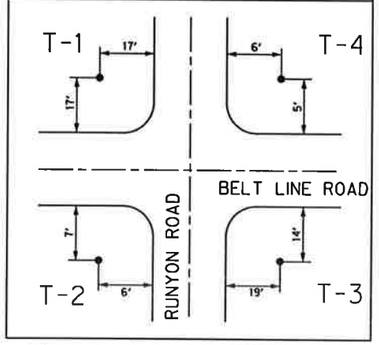
	T-1	T-2	T-3	T-4
A	17'	6'	14'	6'
B	24'	15'	19'	21'
C	11'	11'	11'	12'
D	11'	N/A	11'	N/A
E	8'	N/A	12'	N/A
F	55'	28'	55'	28'
G	20'	20'	20'	20'
H	N/A	N/A	N/A	N/A

PROPOSED SIGNAL PHASING



Ø1, Ø3, Ø5 AND Ø7 TO BE PROTECTED/PERMISSIVE PHASING

SIGNAL POLE LOCATIONS



DISTANCE TO CURB MEASURED ALONG PERPENDICULAR TO CL

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

STATE OF TEXAS
S.P. BOOTH
94903
LICENSED
PROFESSIONAL ENGINEER

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

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 RUNYON RD

HALFF
1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275
TEL (214) 346-6200 FAX (214) 739-0095

PROJECT	DESIGN	DRAWN	DATE	FILE	SHEET
29350	HALFF	HALFF	NOV. 2013	29350 SGNL 08	TS-8