

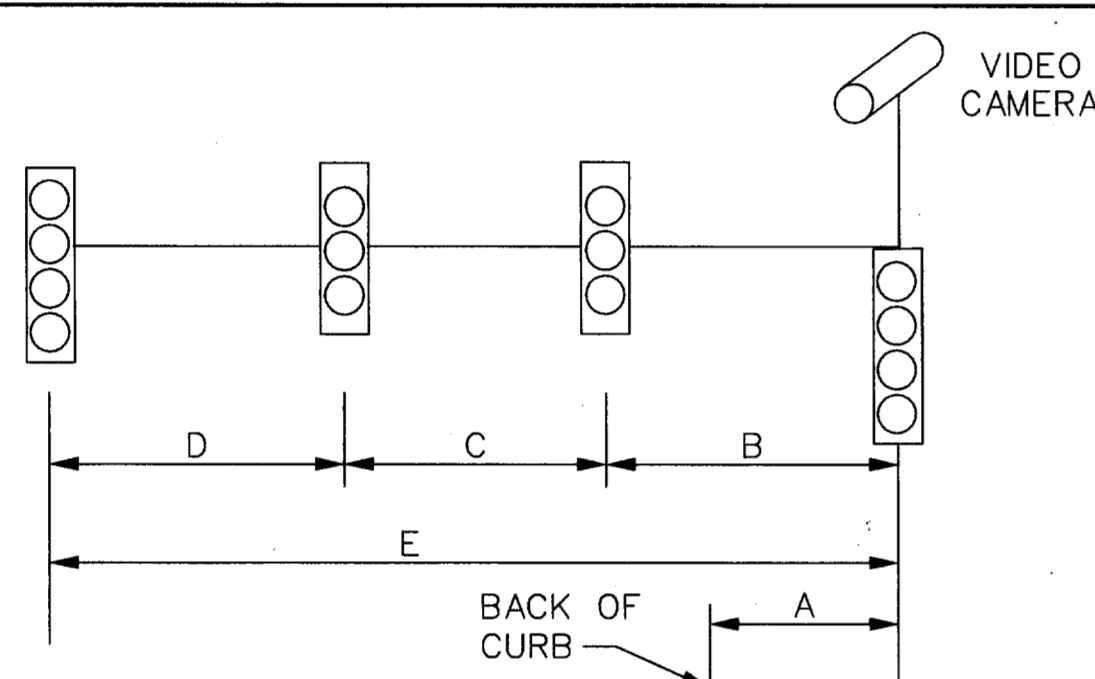
CONDUIT RUNS

RUN NO.	QUANTITY	SIZE	TYPE	METHOD	*6 XHHW	*6 BARE	COAX CABLE	4 CNDR OPTICOM	3 CNDR (VIDEO)	12 CNDR	19 CNDR	CONDUIT LENGTH	CABLE LENGTH	RUN NO.
A	3	3"	PVC	Trench	2	1	4	4	4		4	20	25	A
B	1	3"	PVC	Trench		1	1	2	1		1	9	14	B
C	1	4"	PVC	Bored		1	2	1	2		2	84	94	C
D	1	3"	PVC	Trench		1	1	1	1		1	7	12	D
E	1	4"	PVC	Bored		1	1	1	1		1	94	104	E
F	1	3"	PVC	Trench		1	1	1	1		1	9	14	F
G	1	4"	PVC	Bored								91	101	G
H	1	3"	PVC	Trench		1	1	1	1		1	9	14	H
I	1	4"	PVC	Bored		1	1	1	1		1	93	103	I
J	1	1"	RM	Trench	2	1						20	25	J
TOTAL (LF)					100	405	549	457	549		549			

CABLE TERMINATION CHART

CABLE CONDUCTOR	T-1 (19 CNDR)		T-2 (19 CNDR)		T-3 (19 CNDR)		T-4 (19 CNDR)	
	S.H. NO.	INDICATION	S.H. NO.	INDICATION	S.H. NO.	INDICATION	S.H. NO.	INDICATION
BLACK	1	← Y	4	← Y	7	← Y	10	← Y
WHITE		COMMON		COMMON		COMMON		COMMON
RED	1-3	R	4-6	R	7-9	R	10-12	R
GREEN	1-3	G	4-6	G	7-9	G	10-12	G
ORANGE	1-3	Y	4-6	Y	7-9	Y	10-12	Y
BLUE	1	← G	4	← G	7	← G	10	← G
WHT/BLK	SPARE		SPARE		SPARE		SPARE	
RED/BLK	13	DW	15	DW	17	DW	19	DW
GRN/BLK	13	W	15	W	17	W	19	W
ORN/BLK	SPARE		SPARE		SPARE		SPARE	
BLUE/BLK	SPARE		SPARE		SPARE		SPARE	
BLK/WHT	PB 13	Ø2	PB 15	Ø4	PB 17	Ø6	PB 19	Ø8
RED/WHT	14	DW	16	DW	18	DW	20	DW
GRN/WHT		PB COM		PB COM		PB COM		PB COM
BLUE/WHT	14	W	16	W	18	W	20	W
BLK/RED	21	R	SPARE		SPARE		SPARE	
WHT/RED	PB 14	Ø4	PB 16	Ø6	PB 18	Ø8	PB 20	Ø2
BLUE/RED	21	Y	SPARE		SPARE		SPARE	
ORN/RED	21	G	SPARE		SPARE		SPARE	

SIGNAL HEAD AND POLE PLACEMENT



POLE NUMBER	A	B	C	D	E	FND
T-1	6	13	11	11	35	30-A
T-2	6	16	12	12	40	36-A
T-3	10	18	11	11	40	36-A
T-4	9	16	12	12	40	36-A

POLE NUMBER	4-CNDR	5-CNDR	7-CNDR	COAX	3-CNDR
T-1	70	105	60	35	35
T-2	45	112	65	35	35
T-3	50	115	65	35	35
T-4		112	65	35	35
TOTAL (LF)	165	444	255	140	140

SIGNAL HEADS

NO	TYPE	PHASE	BACKPLATE		SIGNAL HEAD		PED SIG SEC
			3 SEC	4 SEC	3 SEC	4 SEC	
1	V4LT*	Ø7-Ø4		1		1	
2	V3	Ø4	1		1		
3	V3	Ø4	1		1		
4	V4LT*	Ø1-Ø6		1		1	
5	V3	Ø6	1		1		
6	V3	Ø6	1		1		
7	V4LT*	Ø3-Ø8		1		1	
8	V3	Ø8	1		1		
9	V3	Ø8	1		1		
10	V4LT*	Ø5-Ø2		1		1	
11	V3	Ø2	1		1		
12	V3	Ø2	1		1		
13,20	PED	Ø2					2
14,15	PED	Ø4					2
16,17	PED	Ø6					2
18,19	PED	Ø8					2
21	V3	Ø2	1		1		
TOTALS			9	4	9	4	8

* -Use green/yellow fiber optic turn arrow.

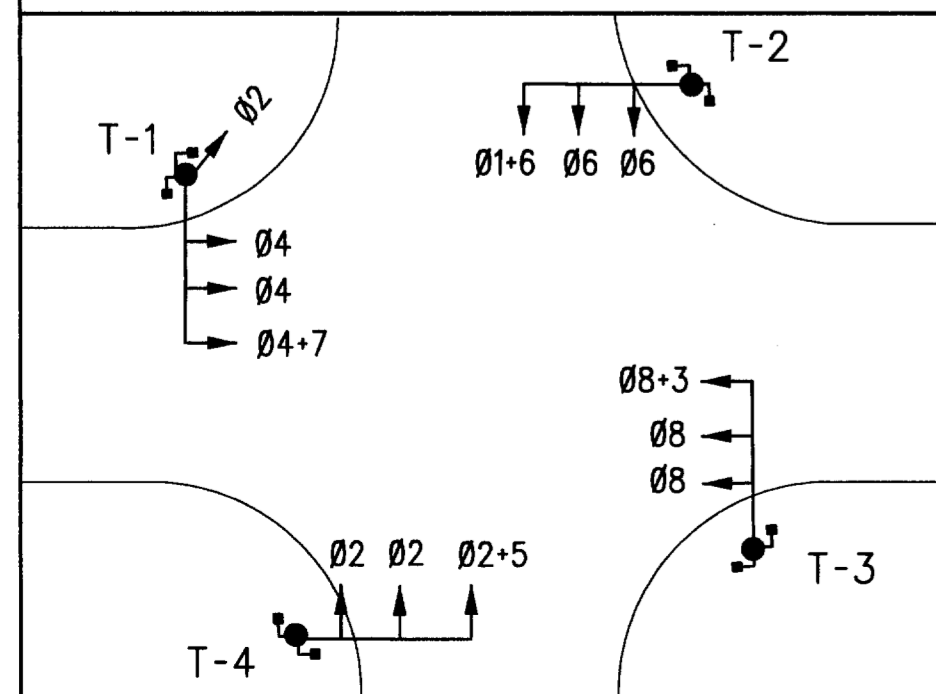
SIGN SUMMARY

LOCATION	SIGN TYPE	DESCRIPTION	SIZE
T-1 ARM	R10-12(S)	LEFT TURN YIELD	24"x30"
T-2 ARM	R10-12(S)	LEFT TURN YIELD	24"x30"
T-3 ARM	R10-12(S)	LEFT TURN YIELD	24"x30"
T-4 ARM	R10-12(S)	LEFT TURN YIELD	24"x30"
T-2 ARM	R3-4	NO U TURN	24"x24"
T-4 ARM	R3-4	NO U TURN	24"x24"

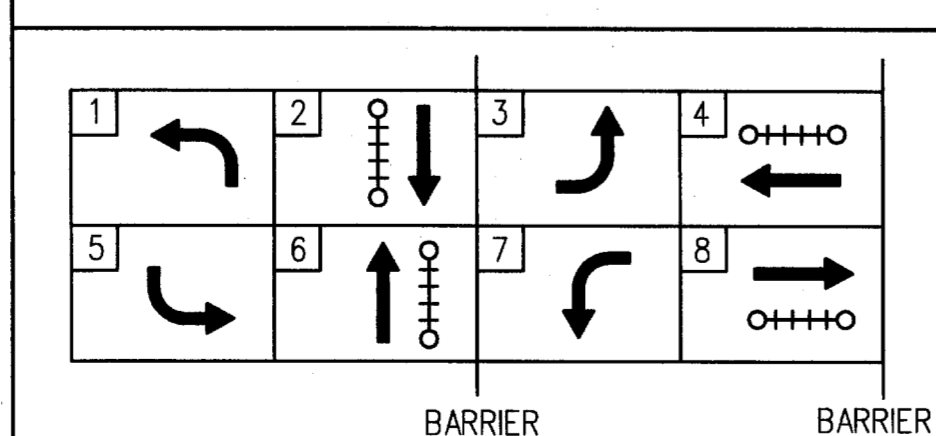
TYPE	EA
A	3
C	1

SIZE	TYPE	LENGTH (LF)
1" RM	Trench	20
3" PVC	Trench	94
4" PVC	Bore	362

SIGNAL HEAD PHASING



NEMA PHASE DIAGRAM



NOTES: Phases 1, 3, 5, + 7 are protected/permissive left turn phases.

4/15/99	ADDED SIGNAL HEAD 21 AND RELATED DATA CHANGES TO CABLE TERMINATION, SIGNAL HEAD, AND PHASING CHARTS	CWW/RWJ
DATE	REVISION	BY

TOWN OF ADDISON
DALLAS COUNTY, TEXAS

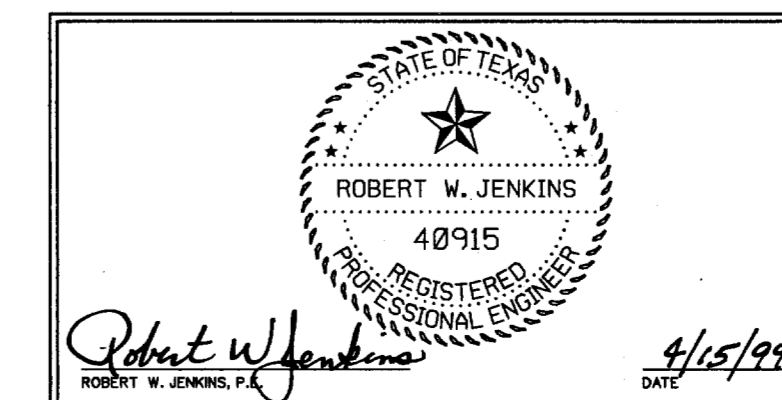
INTERSECTION LAYOUT TABLES
KELLER SPRINGS ROAD
AT QUORUM DRIVE

PROJECT No.

PARSONS TRANSPORTATION GROUP

2630 W. FREEWAY #132 • FORT WORTH, TEXAS 76102 • (817) 877-5803

DESIGNED :	S.C.B.	DRAWN :	C. W.W.	FILE :	KEL-TAB
APPROVED :	R.W.J.	CHECKED :	A.M.	SHEET	13 OF 20



4/15/99 DATE