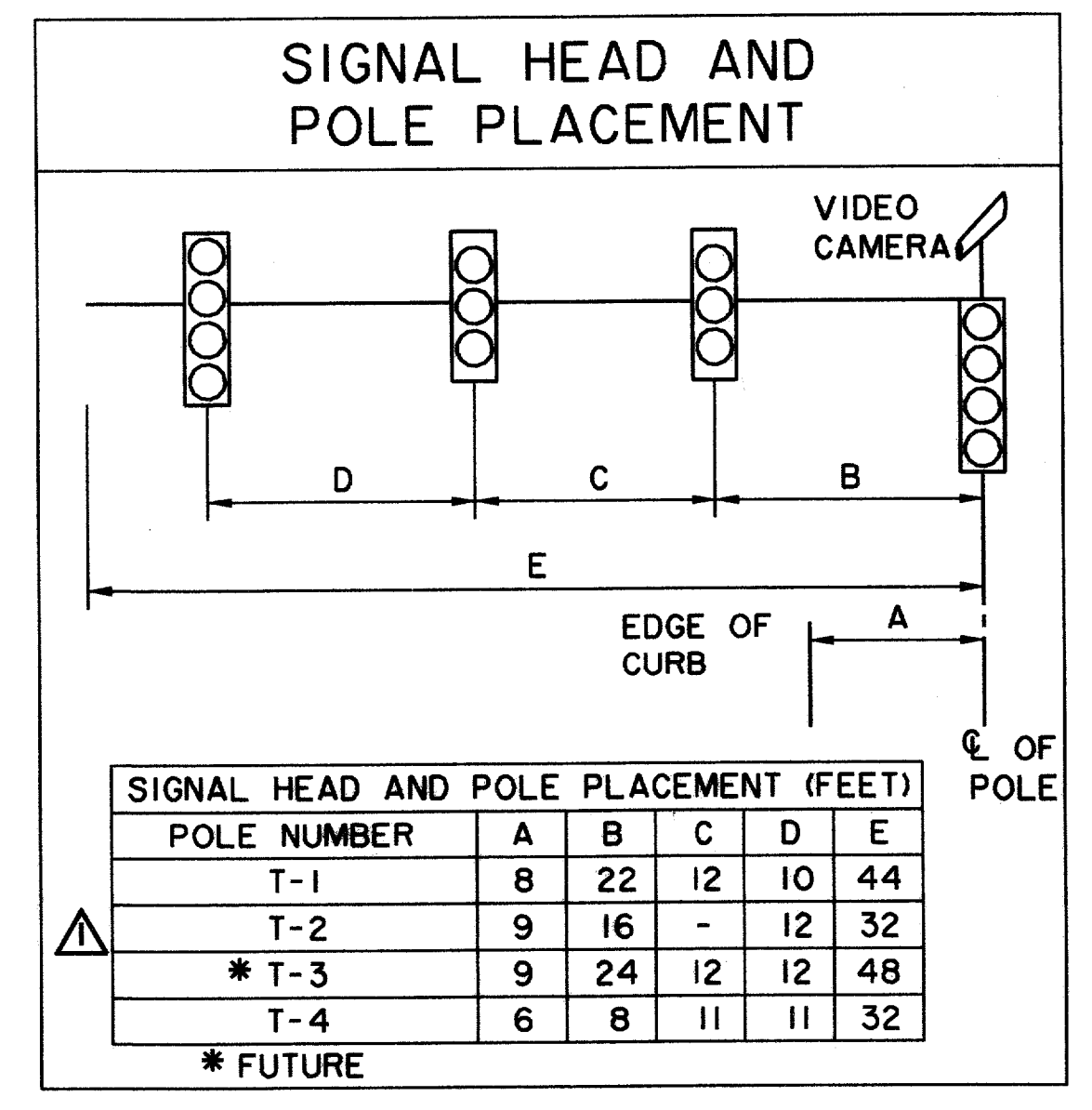


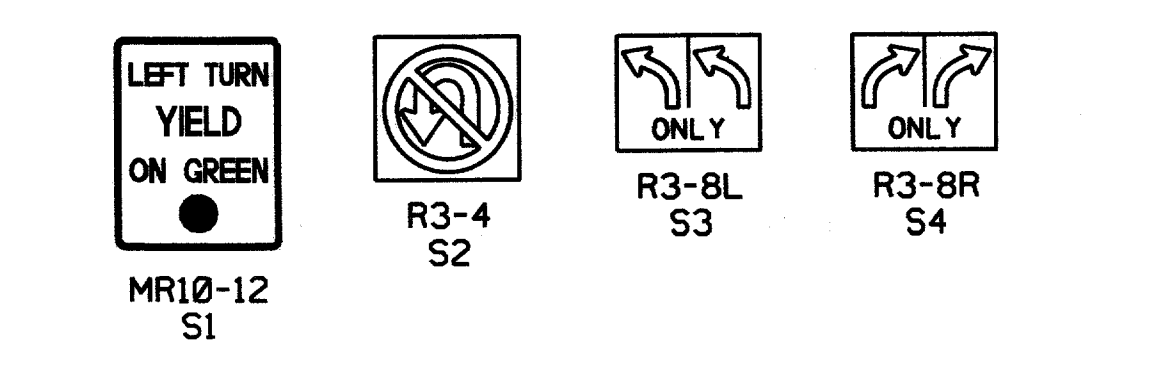
RUN NO.	SIZE/TYPE CONDUIT	CABLE TYPE							LENGTH OF CONDUIT	FINAL
		#6 XHHW WIRE POWER	#6 BARE WIRE GROUND	4 CNDR. #20 CABLE OPT	16 CNDR. CABLE	3 CNDR. VIDEO	COAXCABLE	5 CND RR		
***A	2" PVC									
B	3" PVC		11	11	11	11	11	11	5	
C	3" PVC		83	83	83	83	83	83	77	
D	3" PVC		32	16	16	16	16	16	10	
E	4" PVC BORED	152	152	152	152	152	152	76	70	
F	2" PVC	200	100					100	**	
G	3" PVC		26	13	13	13	13		7	
H	3" PVC	53	106	106	106	106	106	106	102	
J	3" PVC		10	10	10	10	10		12	
K	3-3" PVC	22	33	44	44	44	44	11	5	
L	2" PVC	27	11						**	
**M	2" PVC							68	**	
N	2" PVC	17						17	13	

\* FUTURE CONDUIT  
 \*\* EXISTING CONDUIT  
 \*\*\* SEE INTERCONNECT LAYOUT SHEET FOR INTERCONNECT QUANTITY AND ALIGNMENT

DALLAS AREA RAPID TRANSIT



POLE NUMBER	4CNDR	5CNDR	7CNDR
T-1	65	70	140
T-2	35	60	55
T-4	40	95	60



RECORD DOCUMENTS 6/9/2000  
 THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE CONSULTANT HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.



QUANTITIES		
ITEM	UNIT	QTY.
CONDUIT		
1-3" TRENCH	L.F.	215
1-2" TRENCH	L.F.	13
1-4" BORED	L.F.	70
PULL BOX	EA.	4
VIDEO CAMERA	EA.	4
3M OPTICOM DETECTOR	EA.	3
PEDESTRIAN PUSH BUTTON	EA.	6
CABLE WIRE		
5 CONDUCTOR RR	L.F.	378
7 CONDUCTOR #12	L.F.	270
5 CONDUCTOR #12	L.F.	225
16 CONDUCTOR #12	L.F.	435
COAXCABLE	L.F.	525
1 CONDUCTOR #6 GROUND	L.F.	564
2 CONDUCTOR #6 POWER	L.F.	472
3 CONDUCTOR (VIDEO)	L.F.	525
4 CONDUCTOR OPTICOM	L.F.	575
SIGNS		
MR10-12	EA.	2
R3-4	EA.	1
R3-8	EA.	2
FOUNDATIONS		
CONTROLLER	EA.	1
TYPE 30-A	EA.	2
TYPE 30-B	EA.	2
TYPE C	EA.	-
POLES:		
MAST ARM POLE W/ 32' ARM	EA.	2
W/ 44' ARM	EA.	1
* W/ 48' ARM	EA.	1
SIGNAL HEADS:		
4 SECTION 12" LENS	EA.	6
3 SECTION 12" LENS	EA.	4
2 SECTION PEDESTRIAN	EA.	6
MISCELLANEOUS:		
CONNECT TO RAILROAD GATE CONTROLLER	LS	1

LEGEND		
	PROPOSED PEDESTRIAN SIGNAL	
	CONDUIT RUN NUMBER	
	SIGNAL HEAD NUMBER	
	PROPOSED SIGNAL HEAD	
	PROPOSED SIGNAL CONDUIT	
	EXISTING SIGNAL CONDUIT	
	FUTURE SIGNAL CONDUIT	
	FUTURE SIGNAL IMPROVEMENTS	
	PROPOSED PULL BOX	
	EXISTING PULL BOX	
	PROPOSED SIGNAL POLE	
	LEFT TURN ON ARROW SIGN	
	OPTICOM	
	DETECTION ZONE FOR VIDEO	

SIGNAL HEADS						
NO	TYPE	PHASE	BACKPLATE		12" VEH SEC	PED SIG SEC
			3 SEC	4 SEC		
1	V4LT	07			4	
2	V4LT	07			4	
3	V3	04			3	
4	V4RT	04			4	
5	V4LT	06			4	
6	V3	06			3	
7	V4RT	06			4	
8	V4LT*	03				
9	V3*	08				
10	V3*	08				
11	V4LT	05			4	
12	V3	02			3	
13	V3	02			3	
14,15	PED	04P				2
16,17	PED	06P				2
18,19	PED	08P				2
20,21	PED	02P				
TOTALS			4	6	36	6

- \* FUTURE
- NOTES:
- ALLOW FOR EXTRA 4.5 & 7CNDR CABLE FOR THE FUTURE T3 SIGNALS.
  - ALL CABLE SHALL BE RUN CONTINUOUSLY WITHOUT SPLICES.
  - SEE INTERCONNECT LAYOUT SHEET FOR 2" PVC RUN A ALIGNMENT AND SUMMARY.
  - CONTRACTOR SHALL CONTACT TU ELECTRIC TO COORDINATE DISCONNECT AND RECONNECT OF EXISTING STREET LIGHT CIRCUIT. CONTRACTOR SHALL INSTALL NEW FOUNDATION, CONDUIT AND CONDUCTOR IF NECESSARY TO RELOCATE SERVICE POLE.
  - VIDEO CAMERAS SHALL BE MOUNTED ON TOP OF SIGNAL POLE AND AIMED IN THE SAME DIRECTION AS SIGNAL HEADS AND ALIGNED TO DETECT ZONES SHOWN ON THIS SHEET.
  - STREET NAME SIGNS WILL BE INSTALLED BY THE TOWN OF ADDISON.

CABLE CONDUCTOR	T-1		T-2		* T-3		T-4	
	S. H. NO.	INDICATION	S. H. NO.	INDICATION	S. H. NO.	INDICATION	S. H. NO.	INDICATION
WHI TE/BLACK	SPARE		SPARE		SPARE		SPARE	
WHI TE	COMMON		COMMON		COMMON		COMMON	
RED	1-4	R	5-6	R	8-10	R	11-13	R
ORANGE	1-4	Y	5-6	Y	8-10	Y	11-13	Y
GREEN	1-4	G	5-6	G	8-10	G	11-13	G
BLUE	1-2	-G	5	-G	8	-G	11	-G
BLACK	1-2	-Y	5	-Y	8	-Y	11	-Y
BLUE/BLACK	4	G-	7	G-	SPARE		SPARE	
BLACK/WHI TE	4	Y-	7	Y-	SPARE		SPARE	
GREEN/BLACK	14	W	16	W	18	W	20*	W
GREEN/WHI TE	21*	W	15	W	17	W	19	W
RED/BLACK	21*	DW	15	DW	17	DW	19	DW
RED/WHI TE	14	DW	16	DW	18	DW	20*	DW
ORANGE/BLACK	PB21	02	PB16	04	PB17	06	PB19	08
BLUE/WHI TE	PB14	04	PB15		PB18	08	PB20	02
BLACK/RED	P. B. COM		P. B. COM		P. B. COM		P. B. COM	

\* FUTURE SIGNAL

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DONNA L. MANHART, P.E. 65548 ON OCTOBER 24, 1997

REVISED 3/16/98

SIGNALIZATION PLAN						
ARAPAHO ROAD & ADDISON ROAD						
ARAPAHO ROAD						
ADDISON ROAD TO DALLAS NORTH TOLLWAY						
TOWN OF ADDISON, TEXAS						
Huff-Zollars, Inc./Consulting Engineers Dallas, Fort Worth, Houston, Phoenix, Austin						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJECT NO.	NO.
HZ1	HZ1	DLM	1"=20'	OCT 97	1772-01	S-2