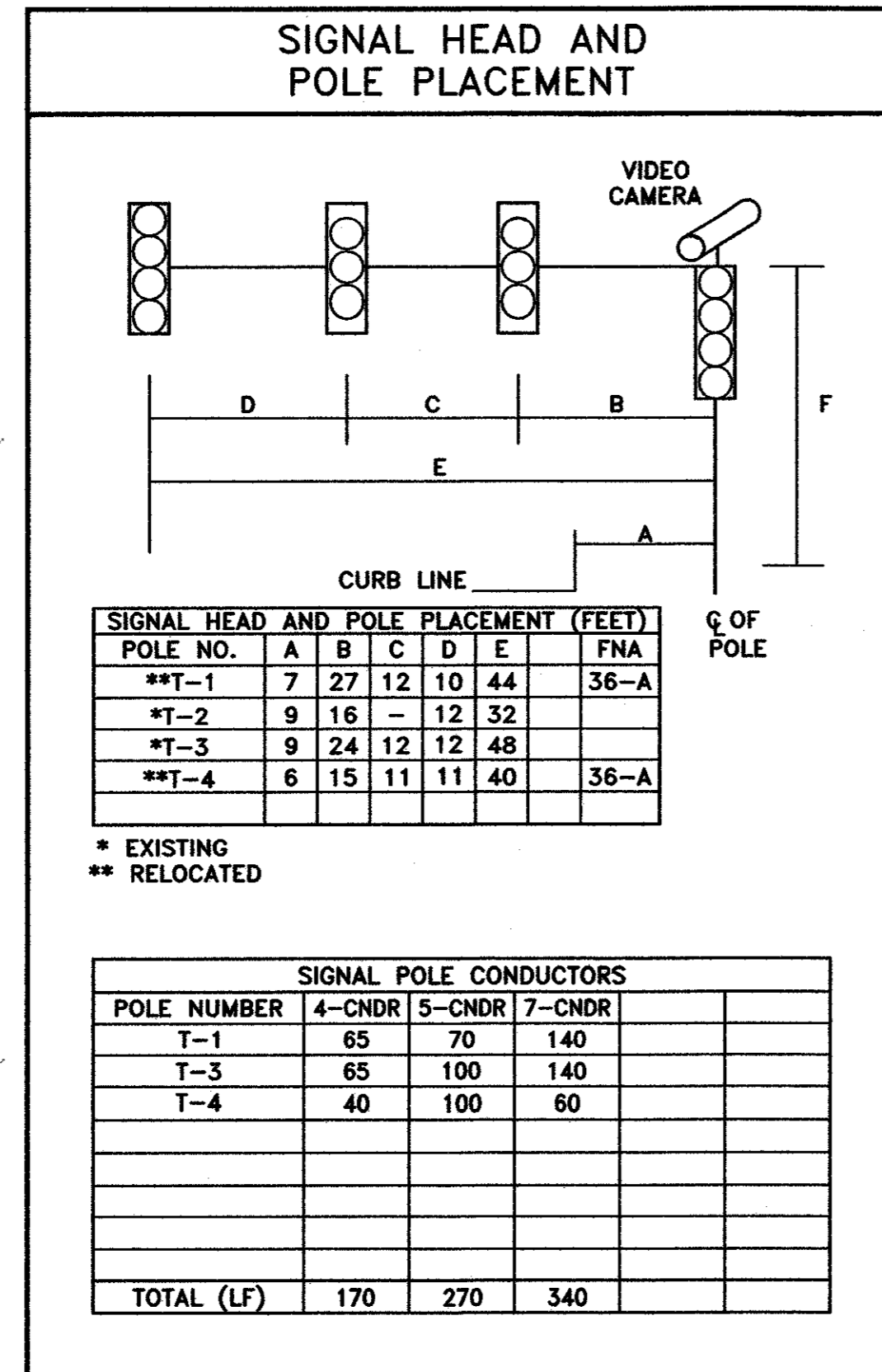


NO.	DATE	REVISION	APPROV.
1			
2			
3			



CABLE TERMINATION CHART

CABLE CONDUCTOR	T-1	T-2	*T-3	T-4
	(16 CNDR)	(16 CNDR)	(16 CNDR)	(16 CNDR)
	S.H. NO.	S.H. NO.	S.H. NO.	S.H. NO.
WHT/BLK	SPARE	SPARE	SPARE	SPARE
WHITE	COMMON	COMMON	COMMON	COMMON
RED	1-4 R	5-7 R	8-10, 22 R	11-13 R
ORANGE	1-4 Y	5-7 Y	8-10, 22 Y	11-13 Y
GREEN	1-4 G	5-7 G	8-10, 22 G	11-13 G
BLUE	1 -G	5 -G	8 -G	11 -G
BLACK	1 -Y	5 -Y	8 -Y	11 -Y
BLUE/BLK	4 -G	SPARE	22 -G	SPARE
BLK/WHT	4 -Y	SPARE	22 -Y	SPARE
GRN/BLK	14 W	16 W	18 W	20 W
GRN/WHT	21 W	15 W	17 W	19 W
RED/BLK	21 DW	15 DW	17 DW	19 DW
RED/WHT	14 DW	16 DW	18 DW	20 DW
ORN/BLK	PB21 #2	PB16 #4	PB17 #6	PB19 #8
BLUE/WHT	PB14 #4	PB15	PB18 #8	PB20 #2
BLK/RED	P.B. COM	P.B. COM	P.B. COM	P.B. COM

SIGNAL POLE CONDUCTORS

POLE NUMBER	4-CNDR	5-CNDR	7-CNDR
T-1	65	70	140
T-3	65	100	140
T-4	40	100	60
TOTAL (LF)	170	270	340

SIGNAL HEADS*

NO.	TYPE	PHASE	BACKPLATE		SIGNAL HEAD		PED. SIG. SEC.
			3 SEC.	4 SEC.	3 SEC.	4 SEC.	
1	V4LT	#7		1		1	
2*	V3	#4		1		1	
3	V3	#4	1		1		
4	V4RT	#4		1		1	
5	V4LT	#1		1		1	
6	V3	#6	1		1		
7	V4RT	#6		1		1	
8	V4LT	#3					
9	V3	#8					
10	V3	#8					
11	V4LT	#5		1		1	
12	V3	#2	1		1		
13	V3	#2	1		1		
14,15	PED	#4P					2
16,17	PED	#6P					2
18,19	PED	#8P					2
20,21	PED	#2P					
22	V4RT	#8		1		1	
TOTALS			4	7	4	7	6

* NEW, ALL OTHERS ARE EXISTING

CONDUIT RUNS

RUN NO.	QUANTITY	SIZE	TYPE	METHOD	*4 XHHW	12 XHHW	*6 BARE	COAX CABLE	4 CNDR OPTICOM	3 CNDR (VIDEO)	7 CNDR	9 CNDR	16 CNDR	CONDUIT LENGTH	CABLE LENGTH	RUN NO.
A	1	3"	PVC	TRENCH		2	1	1	1	1			1	8'	13'	A
B	1	4"	PVC	BORE		2	1	1	1	1			1	95'	100'	B
C	EXISTING	3"				1	2	2	2	2			2	10'	15'	C
D	1	3"	PVC	TRENCH			1	1	1	1			1	25'	30'	D
E	1	4"	PVC	BORE		2	1	2	2	2			2	80'	85'	E
F	EXISTING					2	1	2	2	2			2	5'	10'	F
G	EXISTING														10'	G
H	EXISTING					2		2	2	2			2		127'	H
TOTAL(LF)						670	253	617	617	617	0	0	617			

CONDUIT SUMMARY

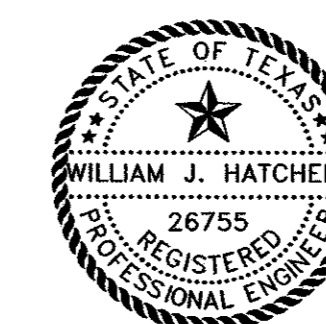
SIZE	TYPE	LENGTH(LF)
3"	TRENCH	25'
4"	BORE	210'
4"	TRENCH	45'

GROUND BOX SUMMARY

TYPE	EA.
A	2

GENERAL TRAFFIC NOTE:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH TOWN OF ADDISON AND TXDOT STANDARDS AND SPECIFICATIONS. IN THE EVENT OF A CONFLICT, TOWN OF ADDISON STANDARDS SHALL GOVERN.
- ALL TRAFFIC SIGNAL WORK SHALL BE BID UNDER THE LUMP SUM BID ITEMS.



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DATE: MAY 2004	SCALE: 1"=20'	JOB NO.: 02-320
DRAWN: G&A	DESIGN: WJH	REVIEWED: [Signature]
ARAPAHO ROAD PHASE II		
ARAPAHO ROAD AT ADDISON ROAD		
SIGNAL LAYOUT TABLE		
TOWN OF ADDISON		
g&a Grantham & Associates, Inc.		SHT. TS-4
1919 S. SHILOH ROAD, SUITE 310, L.B. 8 GARLAND, TEXAS 75042		(972) 864-2333 (TEL) (972) 864-2334 (FAX)