

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	1	3"	PVC	Trench		1	1	1	1			23	28	A
B	1	3"	PVC	Bored								124	134	B
C	1	3"	PVC	Trench		1	1	1	1			15	20	C
D	1	3"	PVC	Bored	2	1	1	1	1			65	75	D
E	1	3"	PVC	Trench		1	1	1	1			13	18	E
F														F
G	1	3"	PVC	Bored	2	1	2	2	2			66	76	G
H	1	3"	PVC	Trench		1	1	1	1			17	22	H
I	1	3"	PVC	Trench		1	1	2	1	1		24	29	I
J	1	3"	PVC	Trench		1		1		1		45	55	J
K	1	3"	PVC	Bored		1	1	1	1			46	56	K
L	1	2"	PVC	Trench	2	1						31	36	L
M	3	3"	PVC	Trench	2	1	4	4	4	2	3	25	30	M
N														N
O														O
P	1	3"	PVC	Bored		1	1	1	1			54	64	P
Q	1	3"	PVC	Bored	2	1	1	1	1			57	67	Q
TOTAL (LF)					568	576	651	713	651	166	599			

CABLE TERMINATION CHART											
CABLE CONDUCTOR	T-1 (19 CNDR)		T-2 (19 CNDR)		T-3 (19 CNDR)		T-4 (12 CNDR)		T-5 (12 CNDR)		
	S.H. NO.	INDICATION	S.H. NO.	INDICATION	S.H. NO.	INDICATION	S.H. NO.	INDICATION	S.H. NO.	INDICATION	
BLACK	1	← Y			8	← Y			14	Y →	
WHITE		COMMON		COMMON		COMMON		COMMON		COMMON	
RED	1-4	R	5-7	R	8-11	R	12-13	R	14	R	
* GREEN	1-4	G	5-7	G	8-11	G	12-13	G	14	G	
ORANGE	1-4	Y	5-7	Y	8-11	Y	12-13	Y	14	Y	
BLUE	1	← G			8	← G	PB 22	Ø2	14	G →	
WHT/BLK	SPARE		SPARE		SPARE			PB COM	SPARE		
RED/BLK	16	DW	18	DW	20	DW	22	DW	24	R	
GRN/BLK	16	W	18	W	20	W	22	W	24	G	
ORN/BLK	SPARE		SPARE		SPARE		23	DW	24	Y	
BLUE/BLK	SPARE		SPARE		SPARE		23	W	SPARE		
BLK/WHT	PB 16	Ø4	PB 18	Ø6	PB 20	Ø8	PB 23	Ø4	SPARE		
RED/WHT	17	DW	19	DW	21	DW					
GRN/WHT		PB COM		PB COM		PB COM					
BLUE/WHT	17	W	19	W	21	W					
BLK/RED	SPARE		SPARE		SPARE						
WHT/RED	PB 17	Ø6	PB 19	Ø8	PB 21	Ø2					
ORN/RED	SPARE		SPARE		SPARE						
BLUE/RED	SPARE		SPARE		SPARE						

\* ALSO FOR ←G ON SIGNAL HEADS 5 AND 12

### SIGNAL HEAD AND POLE PLACEMENT

SIGNAL HEAD AND POLE PLACEMENT (FEET)						
POLE NUMBER	A	B	C	D	E	FND
T-1	4	15	11	14	40	36-A
T-2	5	17	17	35	30-A	
T-3	5	19	11	15	45	36-A
T-4	7	10	15	25	30-A	
T-5	4	PEDESTAL POLE				24-A

SIGNAL POLE CONDUCTORS					
POLE NUMBER	4-CNDR	5-CNDR	7-CNDR	COAX	3-CNDR
T-1	60	125	65	35	35
T-2	50	130		35	35
T-3	35	130	70	35	35
T-4		55	50	35	35
T-5	15	15	15		
TOTAL (LF)	160	455	200	140	140

SIGNAL HEADS						
NO	TYPE	PHASE	BACKPLATE		12" VEH SEC	PED SIG SEC
			3 SEC	4 SEC		
1	V4LT*	Ø1+Ø6		1	4	
2	V3	Ø6	1		3	
3	V3	Ø6	1		3	
4	V3	Ø6	1		3	
5	V4LT*	Ø8		1	4	
6	V3	Ø8	1		3	
7	V3	Ø8	1		3	
8	V4LT*	Ø2+Ø5		1	4	
9	V3	Ø2	1		3	
10	V3	Ø2	1		3	
11	V3	Ø2	1		3	
12	V4LT*	Ø4		1	4	
13	V3	Ø4	1		3	
14	V4RT*	Ø4+ØL A		1	4	
16,23	PED	Ø4				2
17,18	PED	Ø6				2
19,20	PED	Ø8				2
21,22	PED	Ø2				2
24 Δ	V3	Ø2				3
TOTALS			9	5	50	8

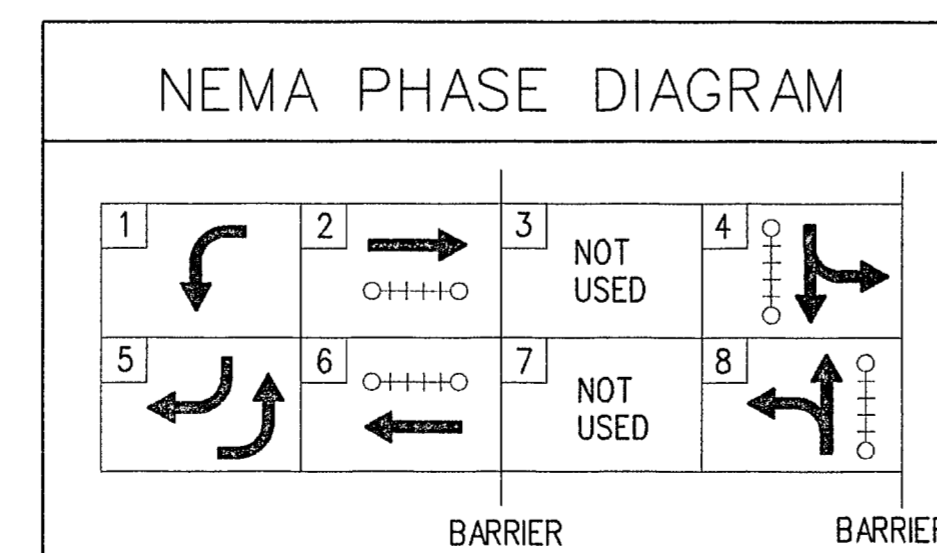
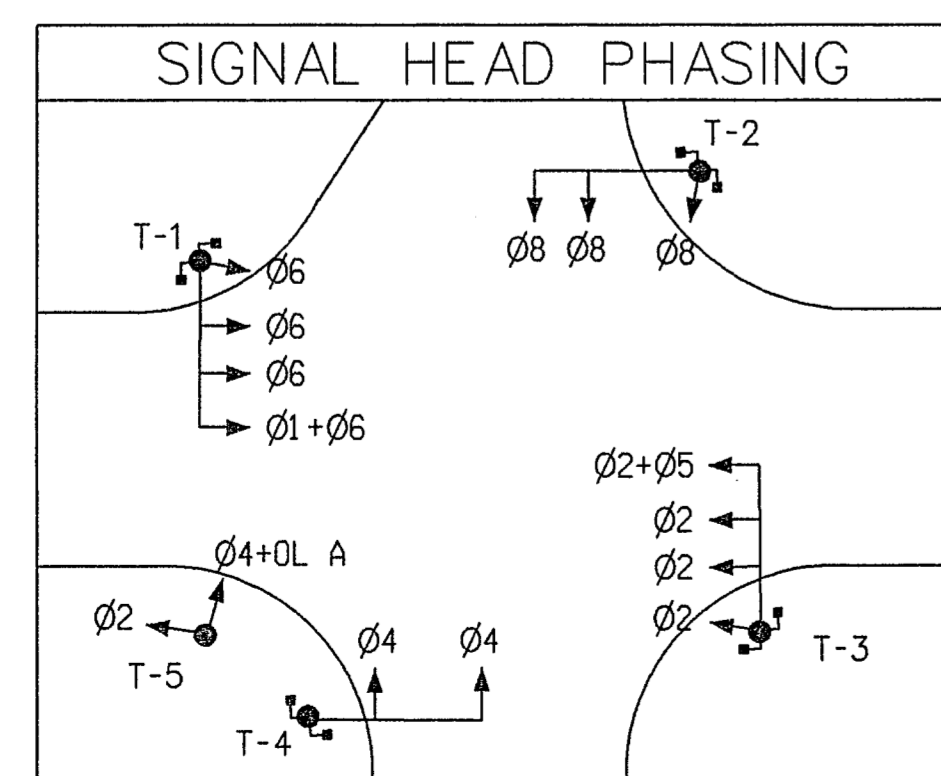
\* -Use green/yellow fiber optic turn arrow.  
 Δ NO BACKPLATE REQUIRED

SIGN SUMMARY			
LOCATION	SIGN NO.	TYPE OF SIGN	SIZE
POLE T-1	R10-12	LEFT TURN YIELD	30"x36"
POLE T-3	R10-12	LEFT TURN YIELD	30"x36"
S.W. CORNER	R3-5R	RIGHT ONLY	30"x30"
200' WEST OF INTERSECTION	R3-7R	RIGHT LANE MUST TURN RIGHT	30"x30"
475' S. OF INTERSECTION NORTHBOUND	W3-3	SIGNAL AHEAD	36"x36"
POLE T-2	R3-8	LANE ASSIGNMENT	30"x36"
N.E. CORNER	R3-8	LANE ASSIGNMENT	30"x36"
N.W. CORNER	R1-2	YIELD	36"x36"x36"

GROUND BOX SUMMARY	
TYPE	EA
A	6
C	1

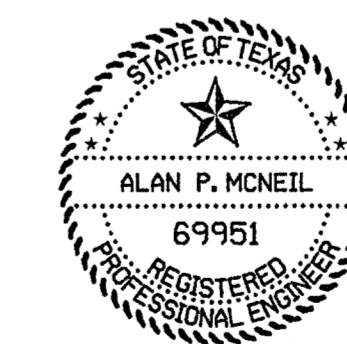
CONDUIT SUMMARY		
SIZE	TYPE	LENGTH (LF)
2"	PVC Trench	31
3"	PVC Trench	187
3"	PVC Bore	412

LAYDOWN CURB SUMMARY	
LOCATION	FT.
S.W. CORNER	12.0
N.W. CORNER	12.0
S.E. CORNER	12.0
N.E. CORNER	12.0
TOTAL	48.0



NOTES: 1) Phases 1 + 5 are protected/permissive left turn phases.  
 2) Phases 4 + 8 are split phases.  
 3) Overlap A = Phase 5

PAVEMENT MARKINGS		
TYPE	QUANTITY	UNIT
6" SOLID WHITE ALKYD THERMOPLASTIC	850	FT
24" SOLID WHITE ALKYD THERMOPLASTIC	185	FT
SOLID WHITE ALKYD THERMO. RIGHT ARROW	2	EA
SOLID WHITE ALKYD THERMO. "ONLY"	2	EA
4" YELLOW BIDIRECTIONAL RETROREFLECTIVE RAISED BUTTON	164	EA
4" WHITE UNIDIRECTIONAL RETROREFLECTIVE RAISED BUTTON	72	EA
4" WHITE RAISED BUTTON	26	EA
6" x 6" WHITE UNIDIRECTIONAL RETROREFLECTIVE JIGGLE BAR	24	EA
REMOVE RAISED BUTTON / JIGGLE BAR	30	EA



The seal appearing on this document was authorized by Alan P. McNeil, P.E. 69951, on May 27, 1997.  
 Alan P. McNeil

DATE	REVISION	BY

TOWN OF ADDISON  
 DALLAS COUNTY, TEXAS

### SIGNAL LAYOUT TABLES

#### VIDEO DETECTION

PROJECT NO. 641153-01000  
 BARTON-ASCHMAN ASSOCIATES INC.  
 ENGINEERS - DALLAS, TEXAS

DESIGNED APM	DRAWN HJF	DATE 05/27/97	FILE m1ddoo4.dgn
APPROVED APM	CHECKED APM	SCALE 1" = 20'	SHEET 5 OF 15

2/26/97 10:00 AM