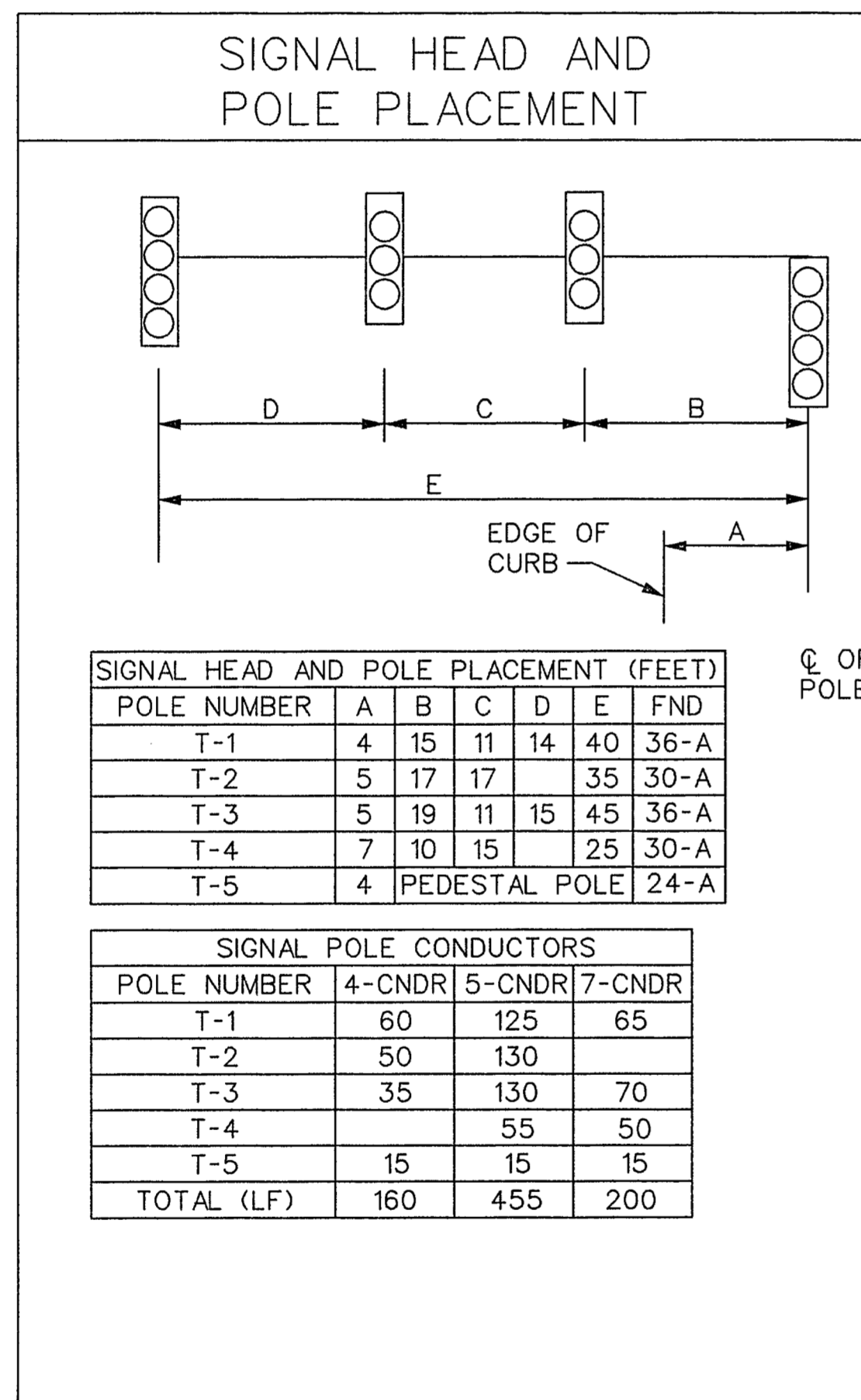


CONDUIT RUNS												
RUN NO.	QUANTITY	SIZE	TYPE	METHOD	*6 XHHW	*6 BARE	*18 SH. 4 CNDR PR.	OPTICOM	7 CNDR	12 CNDR	19 CNDR	RUN NO.
A	1	3"	PVC	Trench		1		1			1	A
B	1	3"	PVC	Bored							124	B
C	1	3"	PVC	Trench		1		1			15	C
D	1	3"	PVC	Bored	2	1	3	1			65	D
E	1	3"	PVC	Trench		1		1			13	E
F												F
G	1	3"	PVC	Bored	2	1	7	2			2	G
H	1	3"	PVC	Trench		1				1	17	H
I	1	3"	PVC	Trench		1	7	2		1	24	I
J	1	3"	PVC	Trench		1	1	1		1	45	J
K	1	3"	PVC	Bored		1	2	1			46	K
L	1	2"	PVC	Trench	2	1					31	L
M	3	3"	PVC	Trench	2	1	14	4		2	3	M
N	1	2"	PVC	Trench			1				183	N
O	1	2"	PVC	Trench			1				158	O
P	1	3"	PVC	Bored		1	4	1			54	P
Q	1	3"	PVC	Bored	2	1	5	1			57	Q
TOTAL (LF)					568	576	2499	713		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	SPARE		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 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

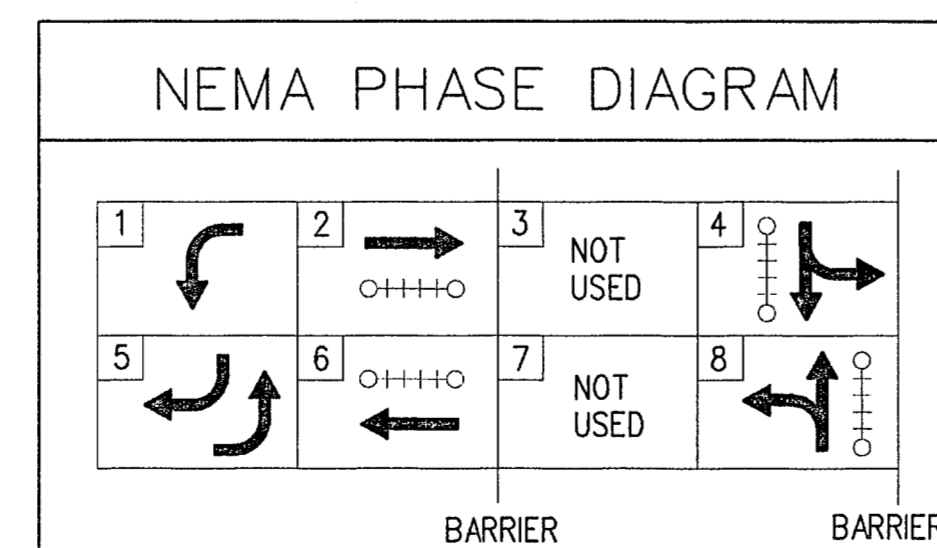
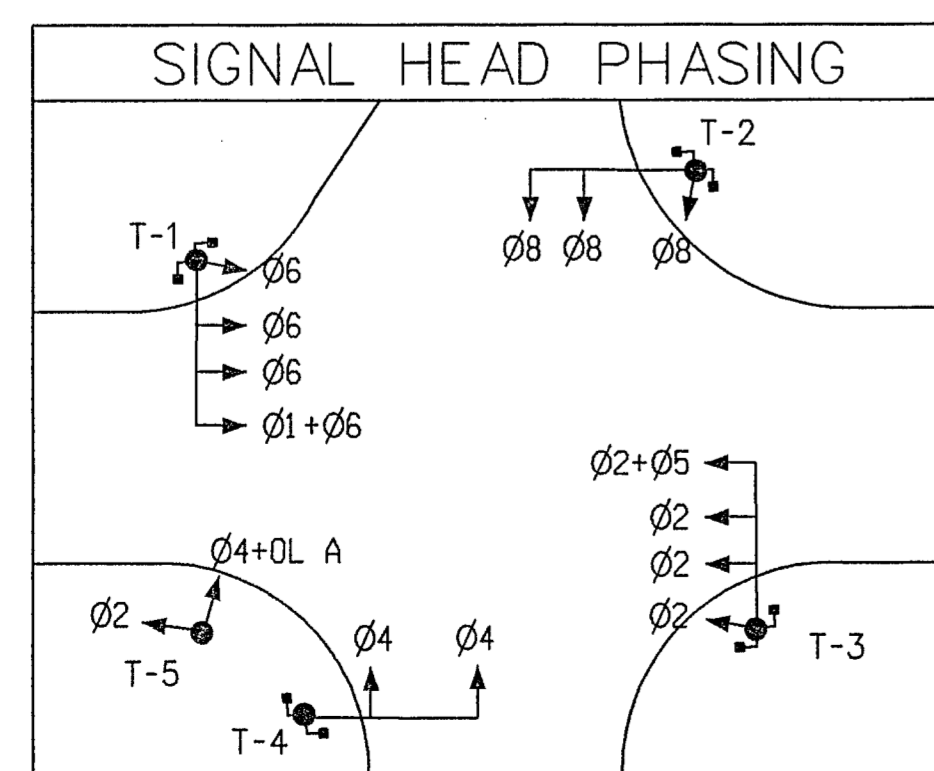
SIGN SUMMARY			
LOCATION	SIGN NO.	TYPE OF SIGN	SIZE
POLE T-1	R10-12	LEFT TURN YIELD	30"x36"
POLE T-3	R10-12	LEFT TURN YIELD	30"x36"
S.W. CORNER	R3-5R	RIGHT ONLY	30"x30"
200' WEST OF INTERSECTION	R3-7R	RIGHT LANE MUST TURN RIGHT	30"x30"
475' S. OF INTERSECTION NORTHBOUND	W3-3	SIGNAL AHEAD	36"x36"
POLE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

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

DETECTOR DETAILS						
LOOP	DIMENSION	TYPE	TURNS	COLOR	SAW CUT	1" PVC
Ø1	5'x60'	QUAD	2-4-2	GREEN	193	4
Ø2-1	5'x60'	QUAD	2-4-2	WHITE	194	4
Ø2-2	5'x60'	QUAD	2-4-2	BLACK	210	4
Ø2-3	5'x60'	QUAD	2-4-2	ORANGE	206	4
Ø2-4	6'x28'	STND	3	WHITE	70	6
Ø8-1	5'x60'	QUAD	2-4-2	WHITE	210	4
Ø8-2	5'x60'	QUAD	2-4-2	BLACK	222	4
Ø4-1	5'x60'	QUAD	2-4-2	WHITE	212	4
Ø4-2	5'x40'	QUAD	2-4-2	BLACK	187	4
Ø5	5'x60'	QUAD	2-4-2	GREEN	194	4
Ø6-1	5'x60'	QUAD	2-4-2	WHITE	203	4
Ø6-2	5'x60'	QUAD	2-4-2	BLACK	215	4
Ø6-3	5'x60'	QUAD	2-4-2	ORANGE	205	4
Ø6-4	6'x28'	STND	3	WHITE	70	6
TOTAL (LF)					2591	60

GROUND BOX SUMMARY	
TYPE	EA
A	8
C	1

CONDUIT SUMMARY		
SIZE	TYPE	LENGTH (LF)
1" PVC	Trench	60
2" PVC	Trench	372
3" PVC	Trench	187
3" PVC	Bore	412



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.

DATE	REVISION	BY

TOWN OF ADDISON  
DALLAS COUNTY, TEXAS

SIGNAL LAYOUT TABLES  
CONVENTIONAL LOOP DETECTORS

PROJECT NO. 641153.01000  
BARTON-ASCHMAN ASSOCIATES INC.  
ENGINEERS - DALLAS, TEXAS

DESIGNED APM	DRAWN HJF	DATE 05/27/97	FILE mt ddo2.dgn
APPROVED APM	CHECKED APM	SCALE 1" = 20'	SHEET 3 OF 15