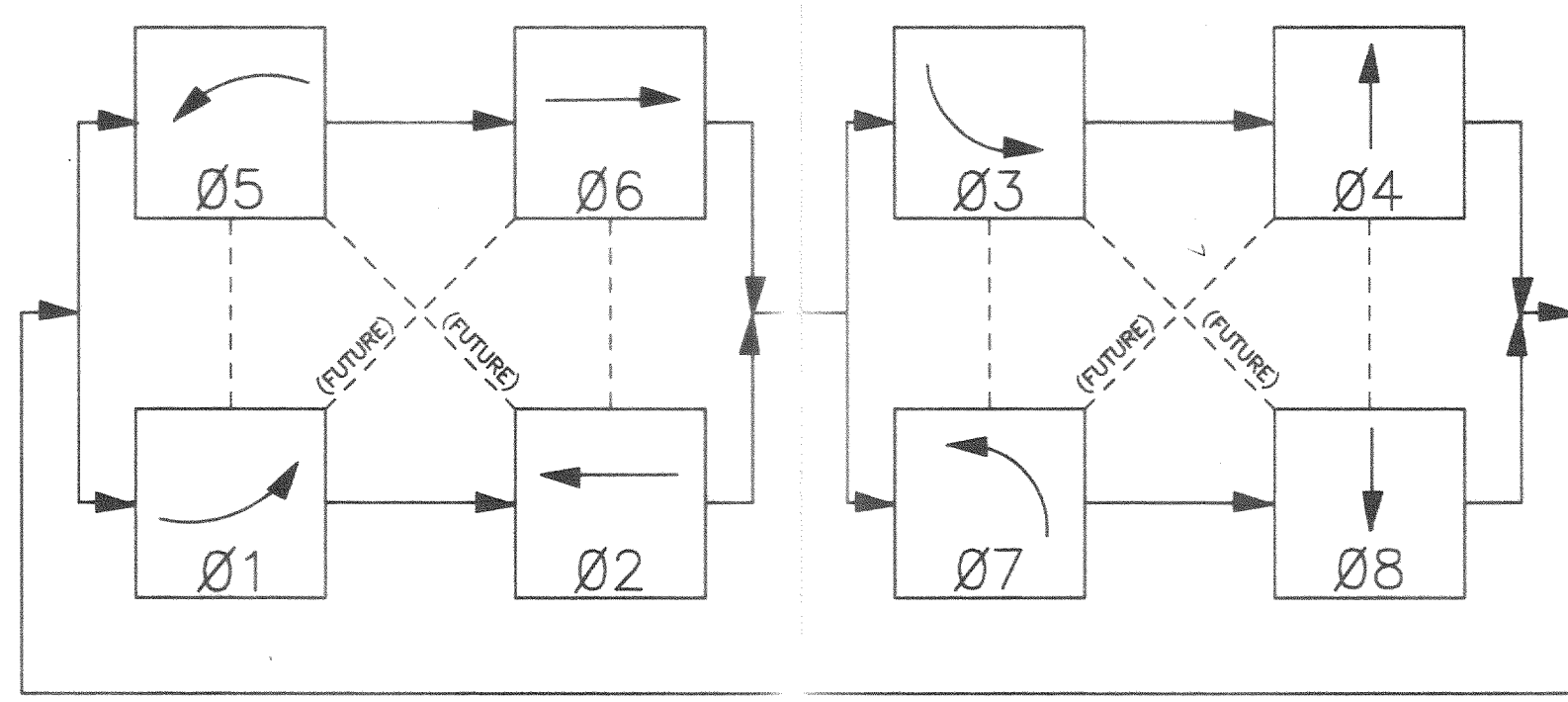
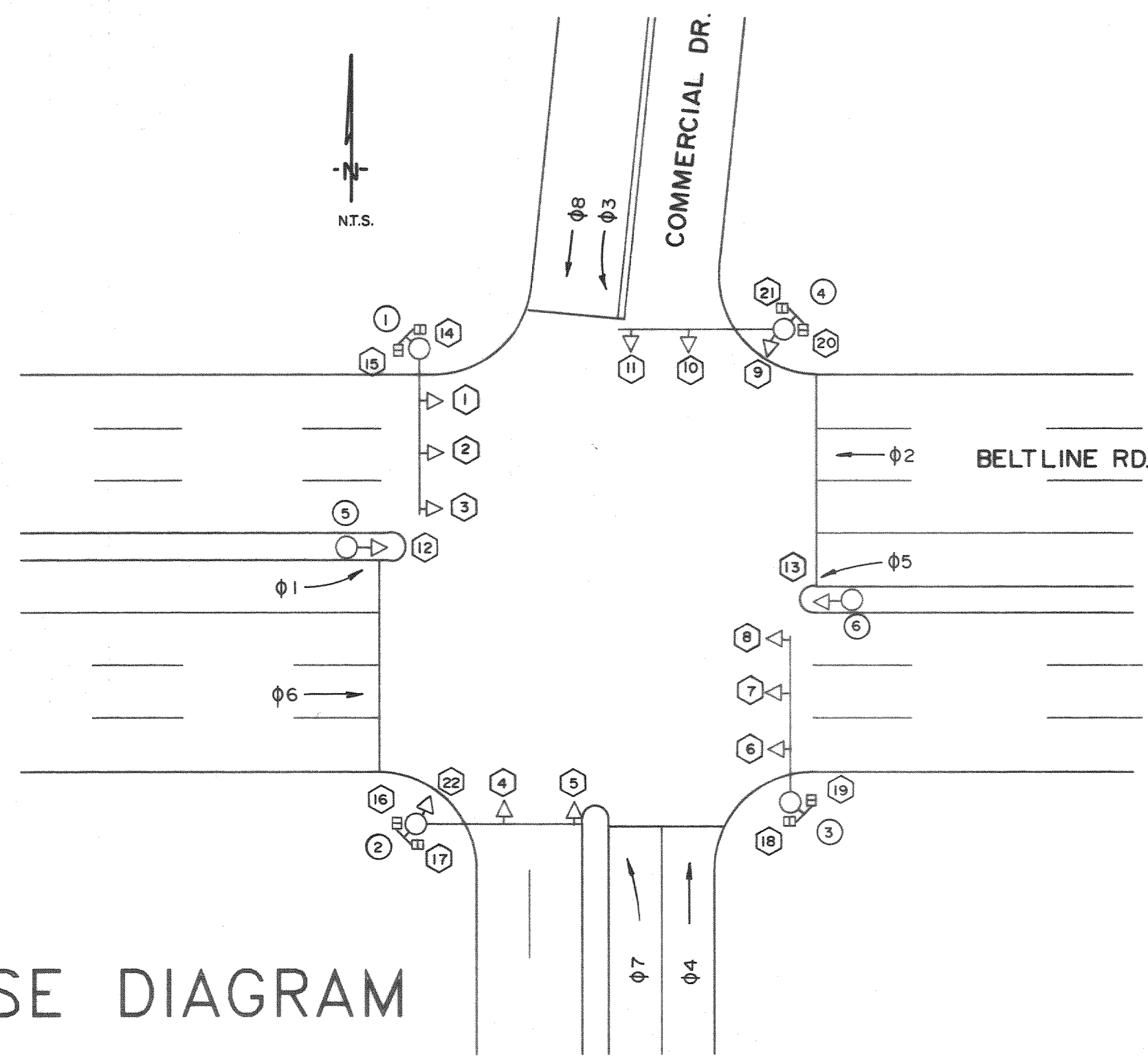


PHASE DIAGRAM



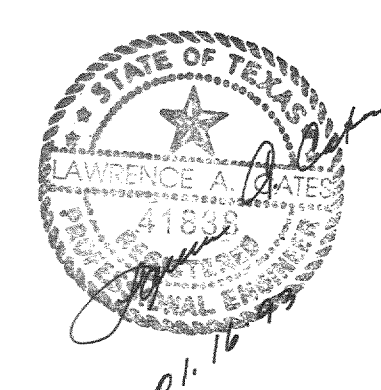
PHASE SEQUENCE

SIGNAL FACES (Proposed & Existing)																						
HEAD NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
INDICATION	R	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW	R
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y									Y
	G	G	G	G	G	G	G	G	G	G	G	G	G									G

PHASE	SIGNAL HEAD NO.	Ø1 + Ø5					Ø2 + Ø6					Ø3 + Ø7					Ø4 + Ø8					Ø1 + Ø6					Ø2 + Ø5					Ø3 + Ø8					Ø4 + Ø7					FLASHING OPERATION				
		R/W	PED. CLEAR	CLEAR TO PHASE Ø2+Ø6	CLEAR TO PHASE Ø1+Ø6	CLEAR TO PHASE Ø2+Ø5	ALL CLEAR	R/W	PED. CLEAR	CLEAR TO PHASE Ø1+Ø5	CLEAR TO PHASE Ø2+Ø5	CLEAR TO PHASE Ø6+Ø1	ALL CLEAR	R/W	PED. CLEAR	CLEAR TO PHASE Ø4+Ø8	CLEAR TO PHASE Ø3+Ø8	CLEAR TO PHASE Ø4+Ø7	ALL CLEAR	R/W	PED. CLEAR	CLEAR TO PHASE Ø3+Ø7	CLEAR TO PHASE Ø4+Ø8	CLEAR TO PHASE Ø3+Ø8	ALL CLEAR	R/W	PED. CLEAR	CLEAR TO PHASE Ø6+Ø2	CLEAR TO PHASE Ø1+Ø5	ALL CLEAR	R/W	PED. CLEAR	CLEAR TO PHASE Ø2+Ø6	CLEAR TO PHASE Ø1+Ø5	ALL CLEAR	R/W	PED. CLEAR	CLEAR TO PHASE Ø4+Ø8	CLEAR TO PHASE Ø7+Ø3	ALL CLEAR	R/W	PED. CLEAR	CLEAR TO PHASE Ø4+Ø8	CLEAR TO PHASE Ø7+Ø3	ALL CLEAR	UNIF. CODE FLASH
Ø2	1-3	R		R	R	R	R	G	G	Y	G	Y	Y	R		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R				
Ø8	4,22	R		R	R	R	R	R	R	R	R	R	R	R		R	R	R	R	R	G	G	Y	Y	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R				
Ø3	5	R		R	R	R	R	R	R	R	R	R	R	G/R		Y/R	G/R	Y/R	Y/R	Y/R	G	G	Y	Y	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R				
Ø6	6-8	R		R	R	R	R	G	G	Y	Y	G	Y	R		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R		
Ø4	9-10	R		R	R	R	R	R	R	R	R	R	R	R		R	R	R	R	R	G	G	Y	G	Y	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
Ø7	11	R	OMIT	R	R	R	R	R	R	R	R	R	R	G/R		Y/R	Y/R	G/R	Y/R	Y/R	G	G	Y	G	Y	G	Y	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
Ø5	12	G/R	OMIT	Y/R	Y/R	G/R	Y/R	G	G	Y	G	Y	Y	R		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	
Ø1	13	G/R	OMIT	Y/R	G/R	Y/R	Y/R	G	G	Y	Y	G	Y	R		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R
Ø2P	14,21	DW		DW	DW	DW	DW	W	FDW	DW	W	DW	DW	DW		DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	—	—	
Ø8P	15,16	DW		DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW		DW	DW	DW	DW	DW	W	FDW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	—	—	
Ø6P	17,18	DW		DW	DW	DW	DW	W	FDW	DW	DW	W	DW	DW		DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	—	—
Ø4P	19,20	DW		DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW		DW	DW	DW	DW	DW	W	FDW	DW	W	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	—	—	

PHASE & SIGNAL HEAD IDENTIFICATION

NOTE:
 AT THE TIME OF THIS INSTALLATION, THE FOLLOWING PHASE COMBINATIONS WILL NOT BE UTILIZED:
 Ø1+Ø6, Ø2+Ø5, Ø3+Ø8, Ø4+Ø7
 THESE ARE SHOWN FOR FUTURE USE ONLY.



AS BUILTS
 I CERTIFY THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THESE CONSTRUCTION PLANS AND WILL FUNCTION AS DESIGNED.

PHASE & SIGNAL HEAD IDENTIFICATION						
BELTLINE RD. EAST OF MARSH LN.						
TOWN OF ADDISON, TEXAS						
LAWRENCE A. CATES & ASSOC.				CONSULTING ENGINEERS DALLAS, TEXAS		
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LAC	LAC	8/24/92	NTS		92023	T2