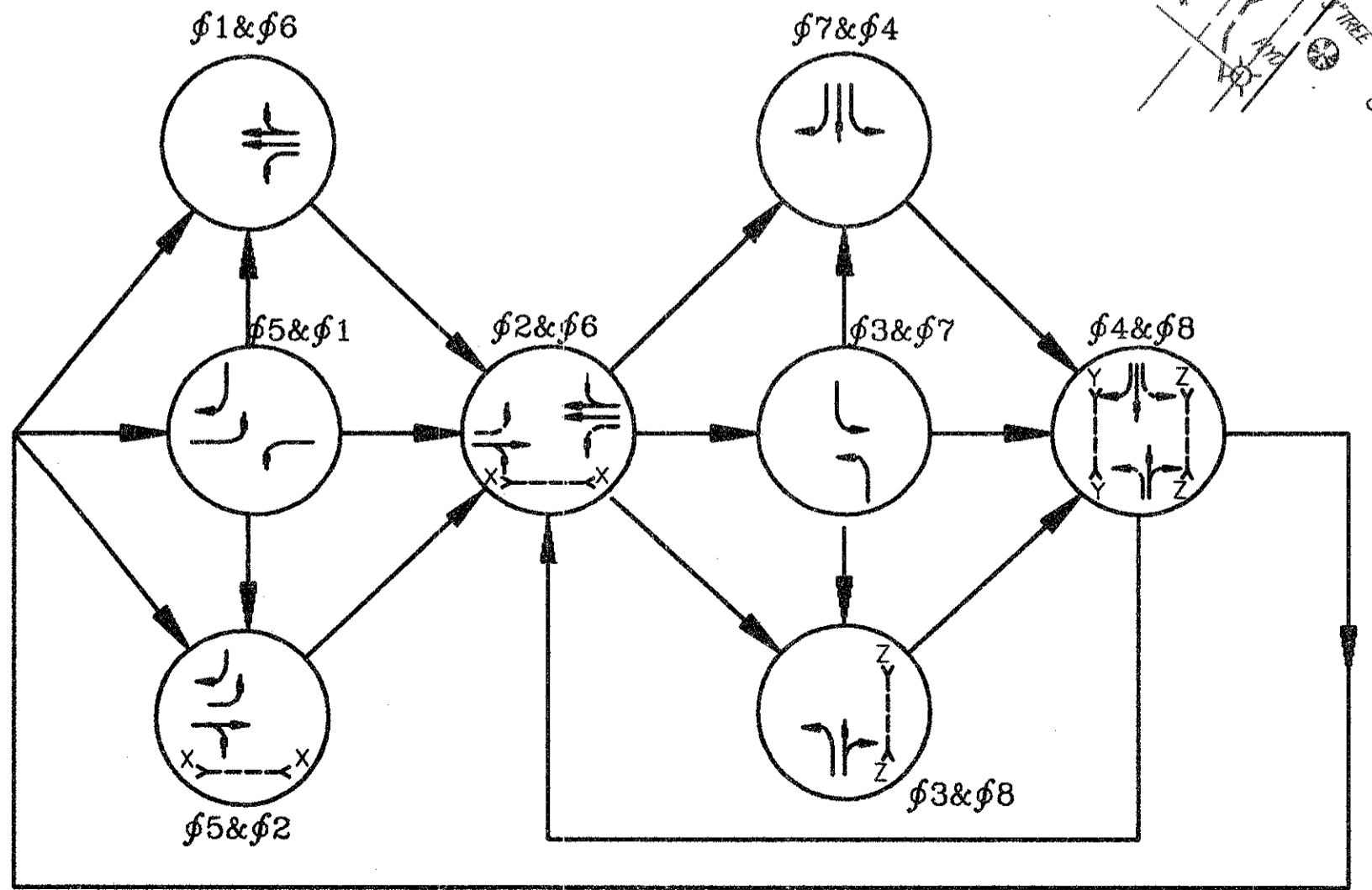
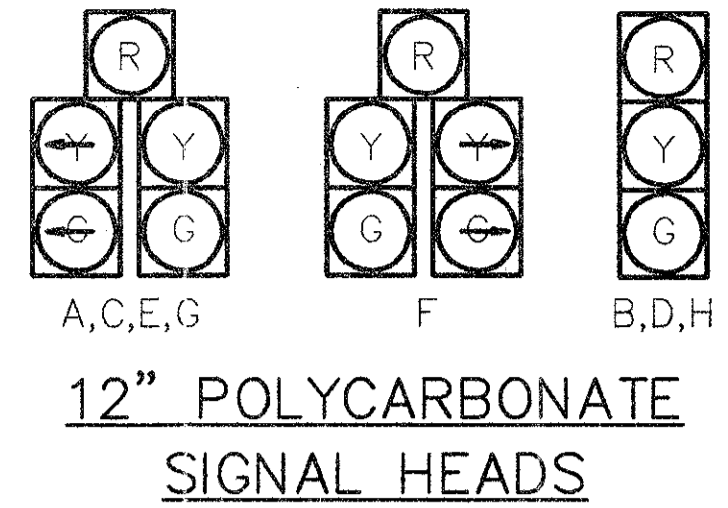
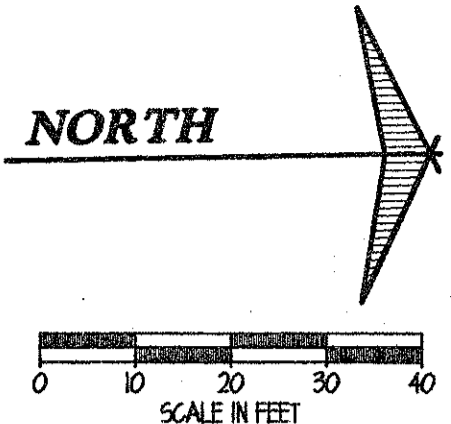
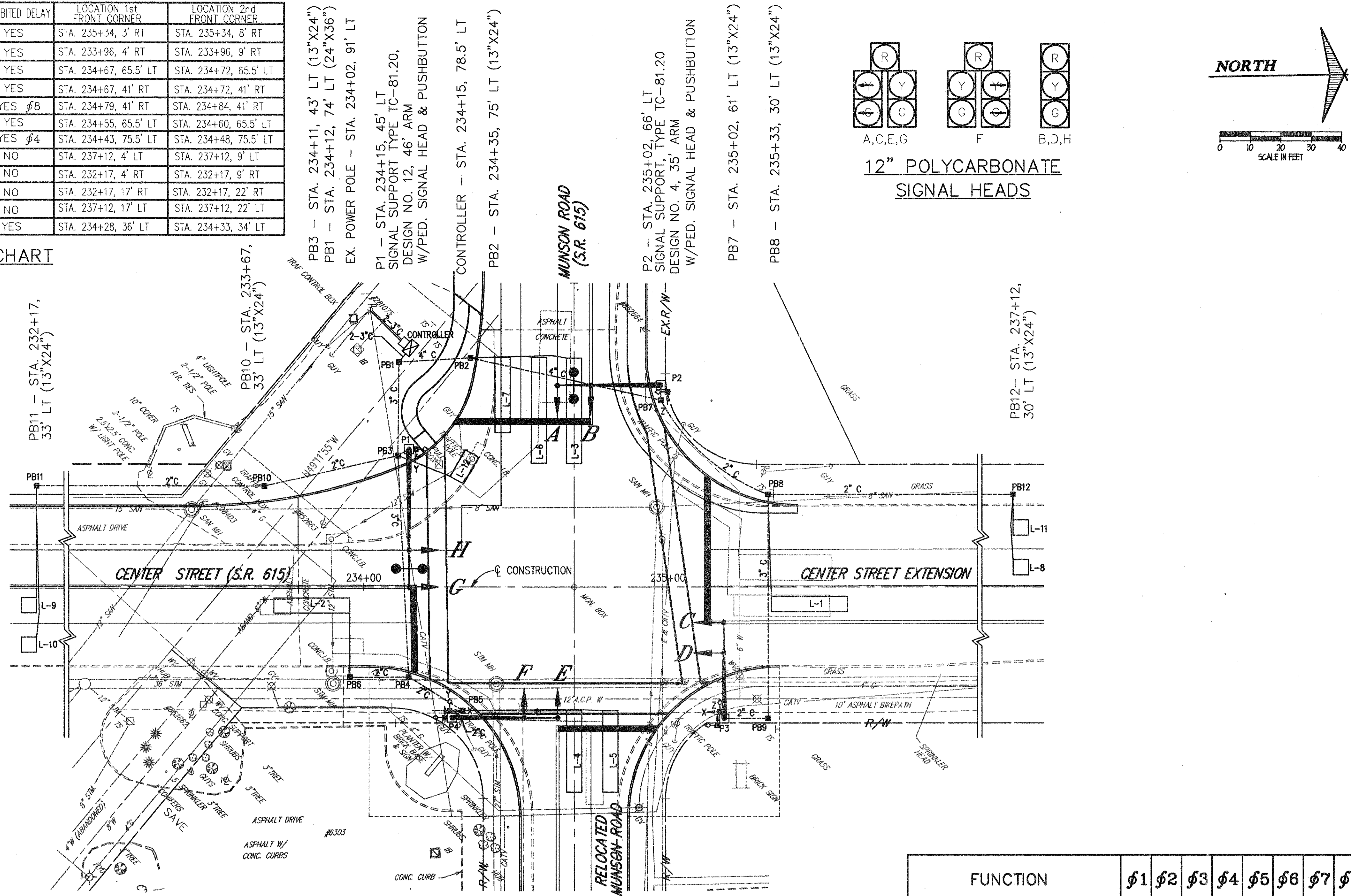


LOOP	SIZE	TURNS	MODE	DELAY	PHASE	REMARK	INHIBITED DELAY	LOCATION 1st FRONT CORNER	LOCATION 2nd FRONT CORNER	
L-1	5X25	2	PRESENCE	-	ϕ1	STANDARD	YES	STA. 235+34, 3' RT	STA. 235+34, 8' RT	
L-2	5X25	2	PRESENCE	-	ϕ5	STANDARD	YES	STA. 233+96, 4' RT	STA. 233+96, 9' RT	
L-3	5X35	2	PRESENCE	-	ϕ7	STANDARD	YES	STA. 234+67, 65.5' LT	STA. 234+72, 65.5' LT	
L-4	5X27	2	PRESENCE	-	ϕ3	STANDARD	YES	STA. 234+67, 41' RT	STA. 234+72, 41' RT	
L-5	5X27	2	PRESENCE	5.0	ϕ8	STANDARD	YES	ϕ8	STA. 234+79, 41' RT	STA. 234+84, 41' RT
L-6	5X35	2	PRESENCE	-	ϕ4	STANDARD	YES	ϕ4	STA. 234+55, 65.5' LT	STA. 234+60, 65.5' LT
L-7	5X25	2	PRESENCE	5.0	ϕ4	STANDARD	YES	ϕ4	STA. 234+43, 75.5' LT	STA. 234+48, 75.5' LT
L-8	5X5	3	PULSE	-	ϕ6	STANDARD	NO	STA. 237+12, 4' LT	STA. 237+12, 9' LT	
L-9	5X5	3	PULSE	-	ϕ2	STANDARD	NO	STA. 232+17, 4' RT	STA. 232+17, 9' RT	
L-10	5X5	3	PULSE	-	ϕ2	STANDARD	NO	STA. 232+17, 17' RT	STA. 232+17, 22' RT	
L-11	5X5	3	PULSE	-	ϕ6	STANDARD	NO	STA. 237+12, 17' LT	STA. 237+12, 22' LT	
L-12	5X10	3	PRESENCE	5.0	ϕ4	STANDARD	YES	STA. 234+28, 36' LT	STA. 234+33, 34' LT	

LOOP DETECTOR CHART



PHASING DIAGRAM

FUNCTION	ϕ1	ϕ2	ϕ3	ϕ4	ϕ5	ϕ6	ϕ7	ϕ8
MINIMUM GREEN	7.0	24.0	7.0	24.5	7.0	24.0	7.0	27.0
VEHICLE EXTENSION	3.0	5.0	3.0	3.0	3.0	5.0	3.0	3.0
MAXIMUM GREEN	10.0	30.0	10.0	30.0	20.0	30.0	10.0	30.0
PEDESTRIAN WALK	-	5.0	-	5.0	-	-	-	5.0
PEDESTRIAN CLEARANCE	-	19.0	-	19.5	-	-	-	22.0
VEHICLE YELLOW CLEARANCE	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
VEHICLE ALL RED CLEARANCE	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
RECALL	OFF	VEH	OFF	PED	OFF	VEH	OFF	PED
MEMORY	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF

SIGNAL TIMING CHART

LEGEND

- -- EMERGENCY PREEMPT & INDICATOR LIGHT
- ⬄ H -- SIGNAL HEAD & DESIGNATION

- PB6 - STA. 233+96, 30' RT (13"X24")
- PB4 - STA. 234+15, 30' RT (13"X24")
- P4 - STA. 234+29, 43' RT SIGNAL SUPPORT, TYPE TC-81.20 DESIGN NO. 4, 36' ARM W/PED. SIGNAL HEADS & PUSHBUTTONS
- PB5 - STA. 234+33, 41' RT (13"X24")
- P3 - STA. 235+19, 43.5' RT SIGNAL SUPPORT, TYPE TC-81.20 DESIGN NO. 4, 36' ARM W/PED. SIGNAL HEADS & PUSHBUTTONS
- PB9 - STA. 235+33, 43' RT (13"X24")

**CENTER STREET (STATE ROUTE 615) ROADWAY IMPROVEMENTS SIGNAL PLAN**  
 CENTER STREET / MUNSON ROAD INTERSECTION

**CT Consultants, Inc.**  
 Engineers • Architects • Planners  
 Willoughby • Mentor • Columbus • North Canton • Youngstown

DATE:	AUGUST 03, 1999
DRAWN BY:	T.E.B.
CHECKED BY:	A.E.P.
APPROVED BY:	LM.H.
SCALE:	1" = 20'
VERT.:	-
CONTRACT NO.:	98387
SHEET NO.:	OF
101	103

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