

SIGNAL DISPLAY SCHEDULE												
PHASE SIGNAL	Ø1						Ø2				Ø3	
	R/W	CLEARANCE TO		Ø2		Ø3	R/W	CLEARANCE		R/W	CLEARANCE	
1	G	G	Y	R	Y	G	R	R	R	R	G	G
2	G	G	Y	R	G	G	R	R	R	R	G	G
3	R	R	R	R	R	R	G	G	Y	R	R	R
4	G	G	Y	R	Y	G	G	G	Y	R	R	R
5	R	R	R	R	R	R	R	R	R	R	G	G
6	R	R	R	R	R	R	G	G	Y	R	R	R
7	W	FDW	DW	DW	*	*	DW	DW	DW	DW	*	*
8	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W	FDW
9	DW	DW	DW	DW	DW	DW	W	FDW	DW	DW	DW	DW
10	DW	DW	DW	DW	DW	DW	W	FDW	DW	DW	DW	DW

* Ø1 PED TIMING IS INDEPENDENT OF Ø3 PED TIMING

LOOP DETECTORS						
LOOP	LOCATION	SIZE	NO. OF TURNS	ASSOC. PHASE	DET. AMP.	AMP. MODE
L-1A	647+71	16' X 6'	2	Ø1	1	PULSE
L-1B	650+02	6' X 8'	3	Ø1	2	PULSE
L-2A	650+04	6' X 8'	3	Ø2	3	PULSE
L-2B	4+31	18' X 6'	2	Ø2	4	PULSE
L-3	649+63	6' X 8'	3	Ø3	5	PULSE

TRAFFIC CONTROL QUANTITIES			
ITEM	QUAN.	UNITS	DESCRIPTION
625	3	EACH	CONNECTOR KIT, TYPE II
625	3	EACH	BRACKET ARM, 10'
625	28	UN. FT.	NO. 10 AWG POLE AND BRACKET CABLE
625	229	UN. FT.	CONDUIT, 2", 713.07
625	20	UN. FT.	CONDUIT, 3", 713.07
625	3	EACH	LUMINAIRE, STYLE B, TYPE II, 150 WATT HIGH PRESSURE SODIUM, 713.11, 120 VOLT
625	229	UN. FT.	TRENCH IN PAVED AREA, TYPE A
625	4	EACH	PULL BOX, 713.081, 13" X 18"
625	5	EACH	GROUND ROD
632	8	EACH	VEHICULAR SIGNAL HEAD, 3-SECTION, 12" LENS, ONE WAY
632	2	EACH	VEHICULAR SIGNAL HEAD, 5-SECTION, 12" LENS, ONE WAY
632	8	EACH	PEDESTRIAN SIGNAL HEAD, TYPE D2
632	10	EACH	COVERING OF VEHICULAR SIGNAL HEAD
632	8	EACH	PEDESTRIAN PUSHBUTTON
632	5	EACH	LOOP DETECTOR UNIT, DELAY & EXTENSION TYPE, AS PER PLAN
632	246	UN. FT.	LOOP DETECTOR PAVEMENT CUTTING
632	244	UN. FT.	MESSANGER WIRE, 7 STRAND, 3/8" DIAMETER W/ ACCESSORIES
632	330	UN. FT.	SIGNAL CABLE, 5 CONDUCTOR, No. 14 AWG
632	222	UN. FT.	SIGNAL CABLE, 7 CONDUCTOR, No. 14 AWG
632	555	UN. FT.	SIGNAL CABLE, 9 CONDUCTOR, No. 14 AWG
632	646	UN. FT.	LOOP DETECTOR WIRE, TYPE E
632	1014	UN. FT.	LOOP DETECTOR LEAD-IN CABLE
632	65	UN. FT.	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG
632	1	EACH	POWER SERVICE, AS PER PLAN
632	6	EACH	CABLE SUPPORT ASSEMBLY
632	9.6	CU. YD.	CONCRETE FOR ANCHOR BASE FOUNDATION
632	1	EACH	STRAIN POLE, TYPE TC-81.10, DESIGN 5, 29'
632	3	EACH	COMBINATION STRAIN POLE, TYPE TC-81.10, DESIGN 5, 36'
632	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (FOR STORAGE)
633	1	EACH	CONTROLLER ACTUATED, 4 PHASE, SOLID STATE DIGITAL, MICROPROCESSOR, AS PER PLAN
633	10.4	EACH	CONCRETE FOR CABINET FOUNDATION

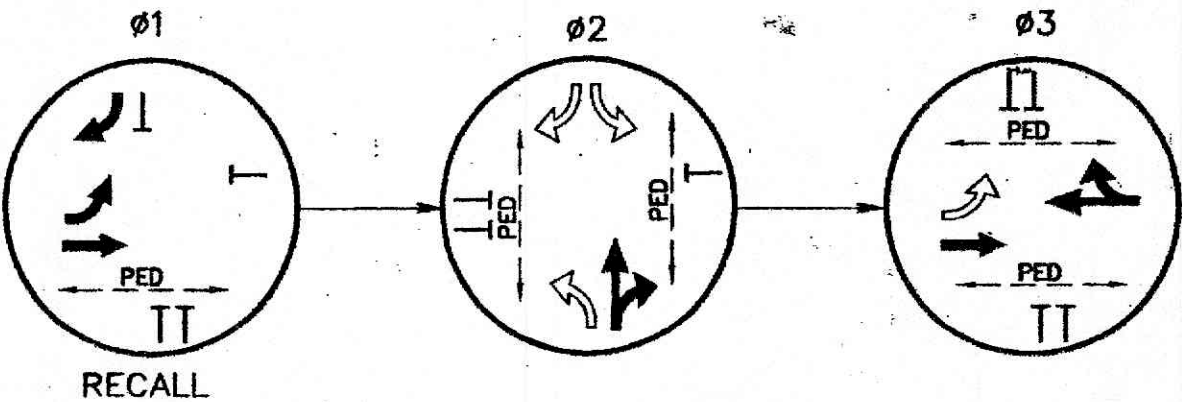
SPAN	LENGTH
AB	67'
AX	56'
BD	57'
DX	55'
CX	9'

TO CROSS
NINTH ST. →
PUSH BUTTON
WAIT FOR
WALK SIGNAL

R-73E-9 (L OR R)
MODIFIED
MTD. ABOVE
PUSH BUTTON #1

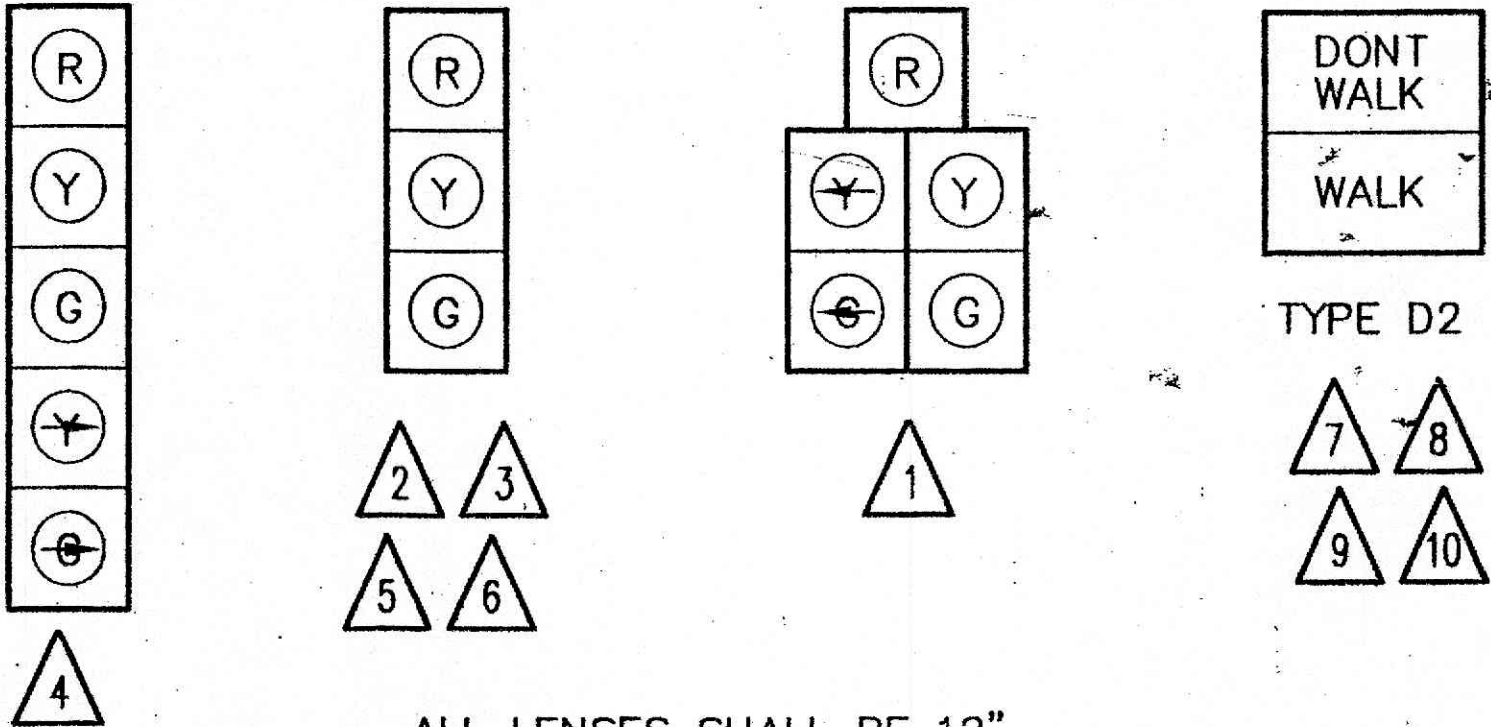
TO CROSS
MAIN ST. →
PUSH BUTTON
WAIT FOR
WALK SIGNAL

R-73E-9 (L OR R)
MODIFIED
MTD. ABOVE
PUSH BUTTON #2



NOTE: THE CONTROLLER SHALL PROVIDE PHASE "SKIPABILITY"

SIGNAL TIMING				
INTERVAL	Ø1	Ø2	Ø3	
MIN. GREEN	20	15	10	
VEH. EXT.	2.5	2.5	2.5	
MAX. GREEN	60	25	25	
VEH. CLEAR.	3.0	3.0	3.0	
ALL RED	1.5	2.0	2.0	
WALK	13.0	7.0	7.0	
PED. CLEAR.	7.0	10.0	10.0	
RECALL	VEH. RECALL	OFF	OFF	
MEMORY	LOCK	LOCK	LOCK	



ALL LENSES SHALL BE 12"

ITEM 632 REMOVAL OF TRAFFIC SIGNAL INSTALLATION			
DESCRIPTION OF ITEM TO BE REMOVED BY CONTRACTOR	REMOVE AND		STORE FOR
	DISPOSE	STORE	
STRAIN POLES (5) Δ			
PED SIGNAL HEADS AND PUSHBUTTONS		X	CITY
POLICE DOOR		X	CITY
VEH. SIGNAL HEADS		X	CITY
CONTROL CABINET & CONTROLLER		X	CITY
LUMINAIRES (3) Δ			
MESSANGER WIRE AND CABLE	X		
SPAN WIRE MTD. SIGNS		X	CITY
BRACKET ARMS (3) Δ			

Δ THESE ITEMS ARE TO BE REMOVED AND STORED BY CONTRACTOR. SHALL BE CONTACTED 3 DAYS PRIOR TO BY CONTRACTOR.

SIGNALIZATION PLAN
MAIN ST. (US 22) @ NINTH STREET

MUS-22-12.28

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