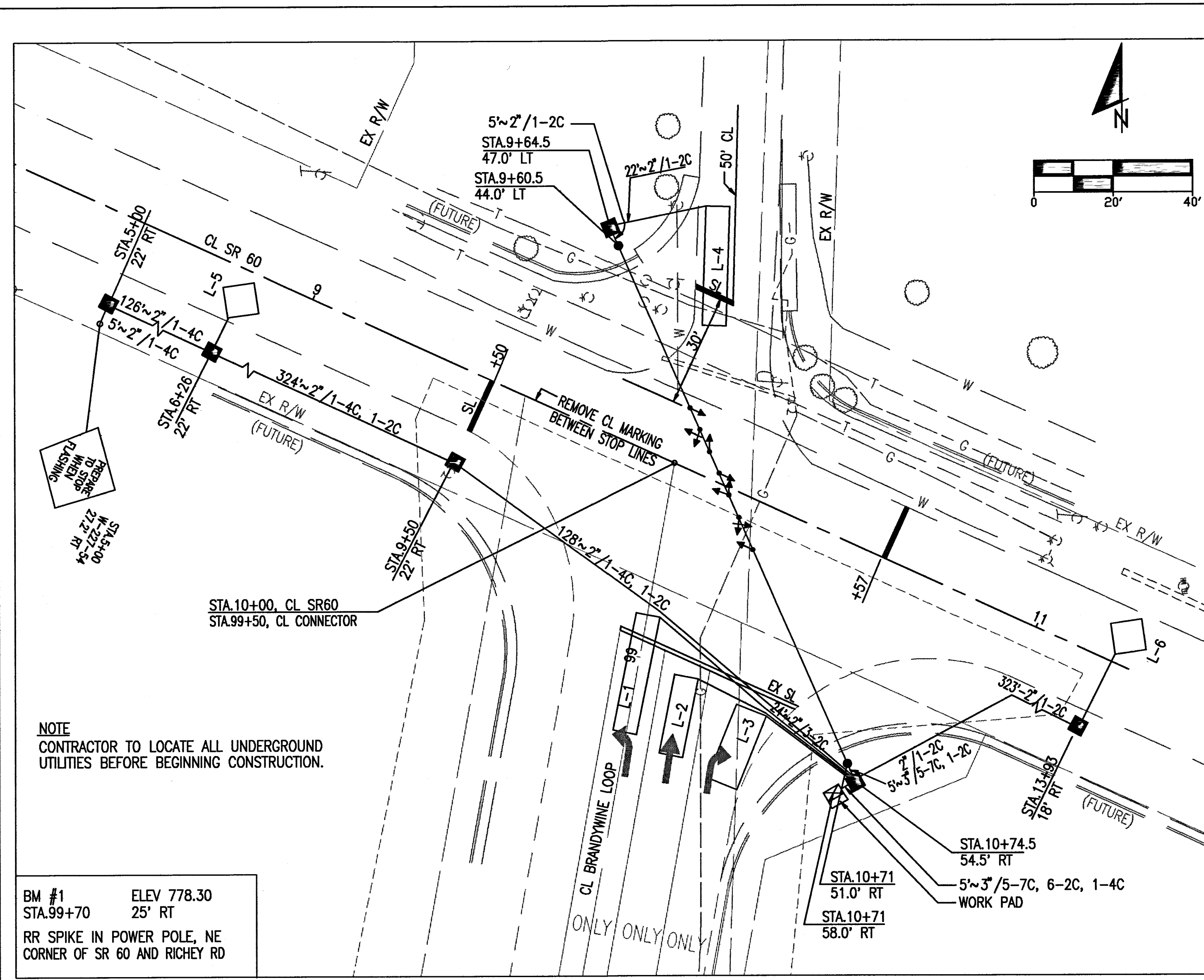
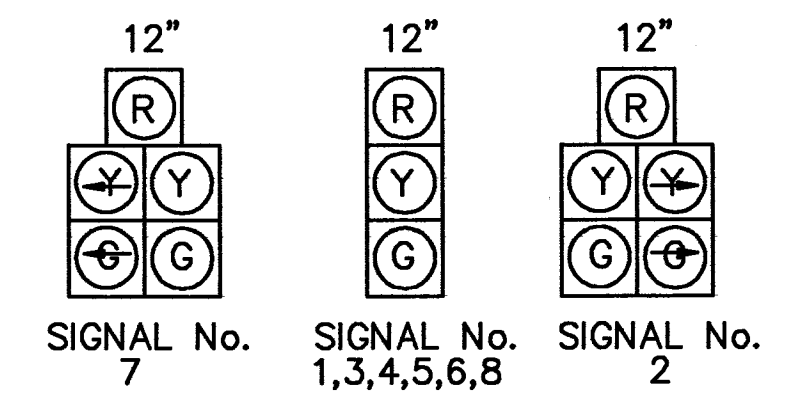


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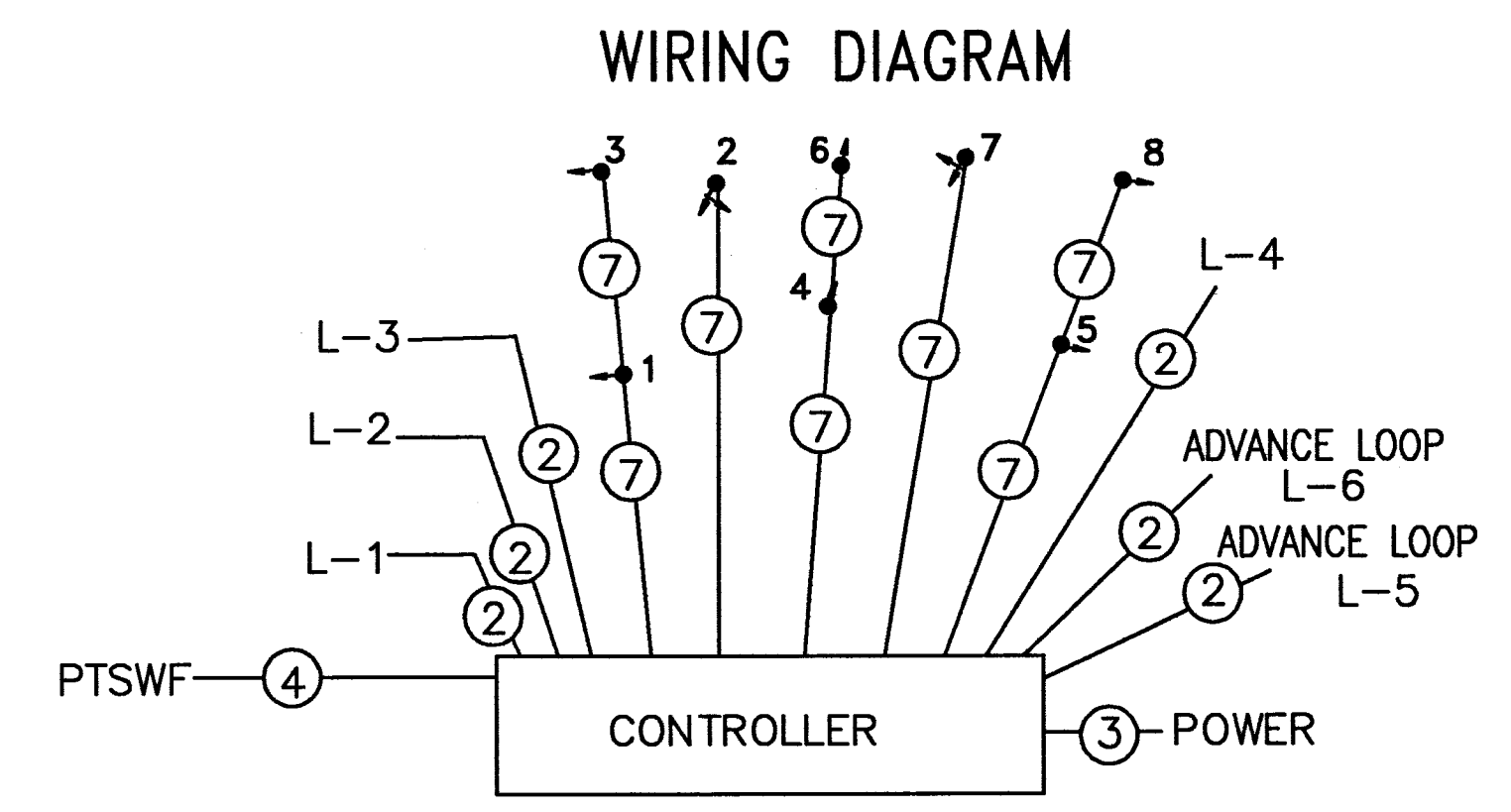


LOOP #	SIZE	# TURNS	ASSOC PHASE
L-1	30'X6'	2	3
L-2	20'X6'	2	3
L-3	20'X8'	2	3
L-4	30'X6'	2	2
L-5	6'X6'	3	1
L-6	6'X6'	3	1

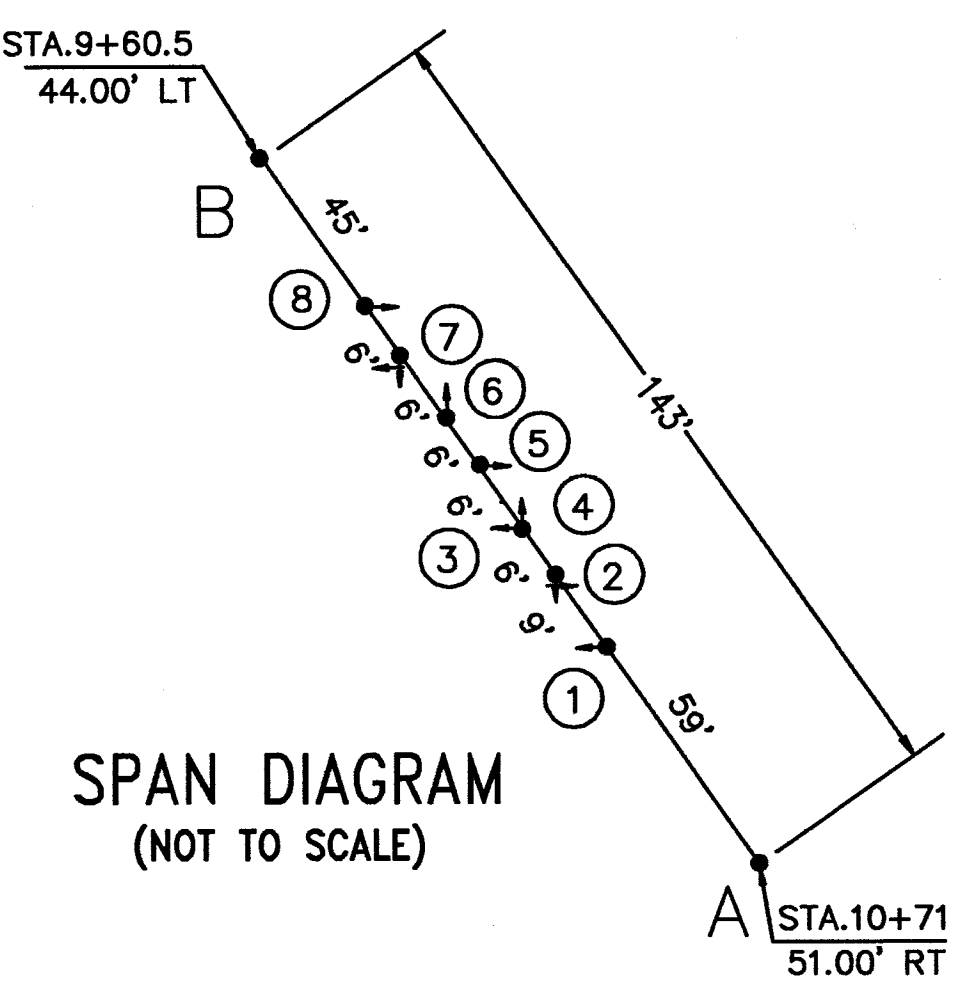
SIGNAL TIMING			
	Ø1	Ø2	Ø3
Minimum Initial	15.0	10.0	10.0
Passage Time	6.0	5.0	5.0
Maximum Green	75.0	15.0	15.0
Sec. per Actuation	6.0	3.0	3.0
Minimum Gap	3.0	-	-
Time Before Reduction	20.0	-	-
Time to Reduce	20.0	-	-
Vehicle clearance	3.5	3.0	3.0
All Red Clear	1.5	1.0	1.0
Recall	ON	-	-
Memory	-	OFF	OFF
Last Car Passage	YES	NO	NO
Walk	-	-	-
Pedestrian Clearance	-	-	-
Maximum Initial	10.0	-	-
Call to Non-Act	-	-	-
Flash	Y	R	R
Initialization	G	R	R



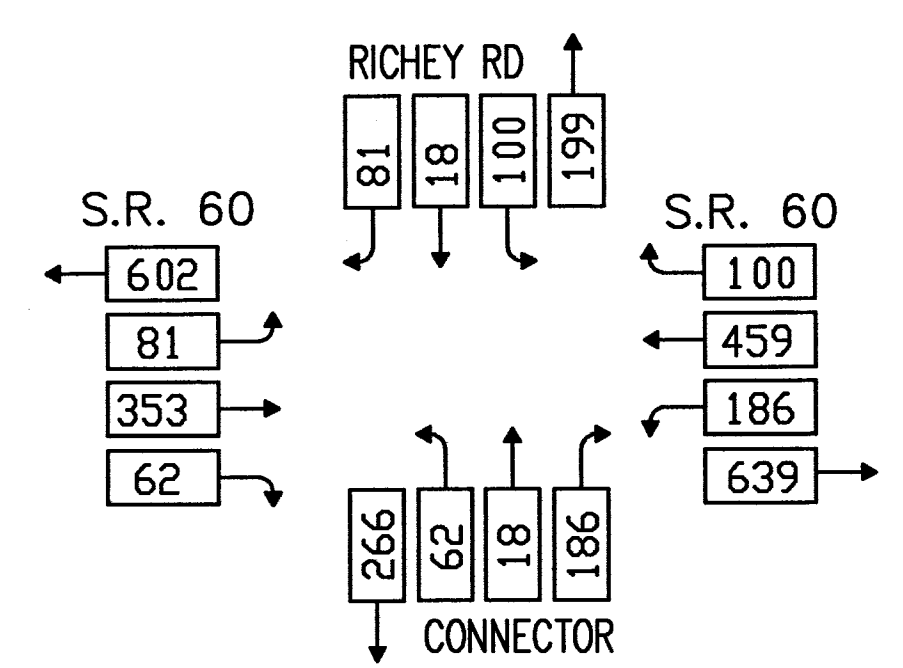
PROPOSED SIGNALS



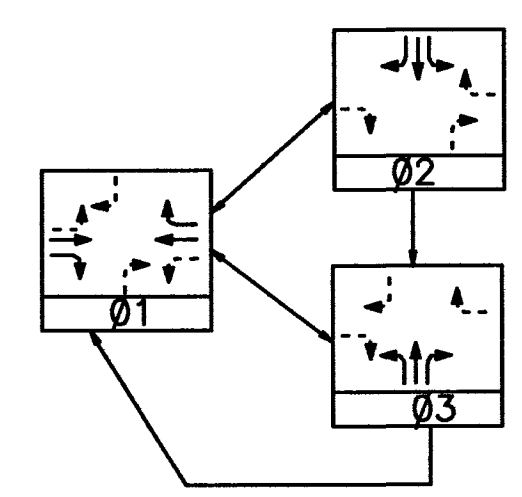
WIRING DIAGRAM



SPAN DIAGRAM
(NOT TO SCALE)



PRESENT DHV

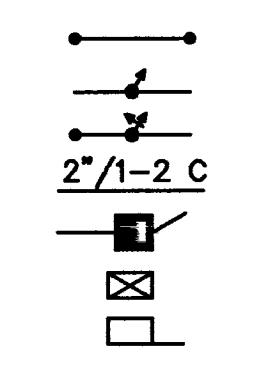


PHASING DIAGRAM

LEGEND

- SPAN WIRE SUPPORT
- SIGNAL HEAD, STD. 1-WAY
- SIGNAL HEAD WITH ARROW
- CONDUIT SIZE/NUMBER CONDUCTORS
- PULL BOX
- CONTROLLER CABINET
- LOOP DETECTORS
- SL- 18" STOP LINE
- CL- CENTERLINE

PROPOSED



SIGNAL HEADS	LENS	PHASE					
		INTERVAL					
1	Y						
2	G						
3	R						
4	Y						
5	G						
6	R						
7	Y						
8	G						

SIGNAL PHASING CHART

ITEMS	ITEM EXT	UNITS	TOTAL	DESCRIPTION
603	00400	LIN FT	50	4" CONDUIT, TYPE E
614	11000	LUMP		MAINTAINING TRAFFIC
625	02700	EACH	1	TRANSFORMER BASE, TYPE AT-X
625	10500	EACH	1	LIGHT POLE, AS PER PLAN
625	14500	EACH	1	LIGHT POLE FOUNDATION
625	25400	LIN FT	952	CONDUIT 2", 713.04
625	25500	LIN FT	10	CONDUIT 3", 713.04
625	25900	LIN FT	71	CONDUIT JACKED OR DRILLED UNDER PAVEMENT, 2"
625	29000	LIN FT	891	TRENCH
625	30700	EACH	4	PULL BOX, 713.08, 18"
625	32000	EACH	3	GROUND ROD
630	80100	SQ FT	20.25	SIGN, FLAT SHEET
630	84000	EACH	1	SIGN SERVICE
631	84310	EACH	1	SIGN WIRED, LESS JUNCTION BOX
631	88000	EACH	1	PHOTOELECTRIC CONTROL
631	92001	EACH	1	SIGN FLASHER ASSEMBLY, AS PER PLAN
632	00301	EACH	4	VEHICULAR SIGNAL HEAD, 3 SECTION, 12" LENS, 1-WAY, AS PER PLAN
632	00501	EACH	2	VEHICULAR SIGNAL HEAD, 5 SECTION, 12" LENS, 1-WAY, AS PER PLAN
632	01101	EACH	1	VEHICULAR SIGNAL HEAD, 3 SECTION, 12" LENS, 2-WAY, AS PER PLAN
632	25000	EACH	7	COVERING OF VEHICULAR SIGNAL HEAD
632	27008	EACH	6	LOOP DETECTOR UNIT, DELAY AND EXTENSION TYPE (SINGLE CHANNEL), AS PER PLAN
632	27500	LIN FT	404	LOOP DETECTOR PAVEMENT CUTTING
632	30300	LIN FT	143	MESSENGER WIRE, 7 STRAND, 1/2" DIAMETER WITH ACCESSORIES
632	40400	LIN FT	658	SIGNAL CABLE, 4 CONDUCTOR, No. 14 AWG
632	40700	LIN FT	793	SIGNAL CABLE, 7 CONDUCTOR, No. 14 AWG
632	64900	LIN FT	1092	LOOP DETECTOR WIRE, TYPE E
632	65200	LIN FT	1138	LOOP DETECTOR LEAD-IN CABLE
632	67300	LIN FT	100	POWER CABLE, 3 CONDUCTOR, No. 8 AWG
632	69800	LIN FT	100	SERVICE CABLE, 3 CONDUCTOR, No. 6 AWG
632	70000	EACH	1	POWER SERVICE
632	71000	EACH	1	CABLE SUPPORT ASSEMBLY
632	72000	CU YD	5.76	CONCRETE FOR ANCHOR BASE FOUNDATIONS
632	83100	EACH	2	STRAIN POLE, TYPE TC-81.10, DESIGN 10, 30 FEET
633	38001	EACH	1	CONTROLLER, ACTUATED, 8-PHASE, SOLID STATE DIGITAL MICROPROCESSOR, AS PER PLAN
633	70000	CU YD	1.9	CONCRETE FOR CABINET FOUNDATION
633	70500	SQ FT	12	CONTROLLER WORK PAD
642	00290	LIN FT	50	CENTERLINE, SOLID, DOUBLE YELLOW
642	00490	LIN FT	40	STOP LINE, 18"
642	30000	LIN FT	107	REMOVAL OF PAVEMENT MARKING