

QTY	DESCRIPTION	UNIT	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY
621	24" STOP Line	LF										43		
	ONLY Marking	Ea										1	43	
	Lane Arrows	Ea										2	16	4
	8" Channelizing Line	LF										220	420	2
	4" Center Lines: Solid, Double	LF										570	570	4
622	Signal Strain Pole Comb. Design 6, Modified 32'	Ea	1											
	Signal Strain Pole, Design 7, Modified 32'	Ea	1											
	Concrete For Anchor Base Foundations	C.Y.	2.9										5.8	
	Cable Support Assembly	Ea	1										2	
	Power Service	Ea	1										1	
	Service Cable, 2/c No. 8 AWG	LF												63
	Power Cable, 2/c No. 8 AWG	LF	34											34
	Loop Detector Lead-in Cable	LF	64											64
	Loop Detector Wire As Per Plan	LF		174										174
	Signal Cable, 7/c	LF	33											33
	Signal Cable, 5/c	LF	33											33
	Messenger Wire, 7 Strand 5/16" W/Accessories	LF		174										174
	Loop Detector Pavement Cutting As Per Plan	LF		78										78
	Loop Detector Amplifier	Ea	2											2
	Loop Detector Amplifier Delay Type	Ea	2											2
	Vehicular Signal Head 5 Section, 1 Way	Ea												2
	Vehicular Signal Head 3 Section, 2 Way	Ea												3
	Covering of Vehicular Signal Head	Ea												5
	Removal of Ground Mounted Sign & Storage Ground Mounted Supports, No. 3 Post	Ea												2
630	Ground Mounted Signs, Flat Sheet	SF											15	
		Ea											40	
843	Controller, 3 Phase Semi-actuated	Ea	1											1
	Coordinator, Secondary	Ea	1											1
625	Conduit 1"	LF		21										21
	Trench	LF		4										4
	Ground Rod	Ea	1											1
	Pull Box	Ea	1											1
	Light Bracket Arm, 15'	Ea	1											1
	<b>LOCATION</b>													
	A Southwest Strain Pole													
	B Northeast Strain Pole													
	C Existing Pull Box													
	D Existing Power Pole													
	W-1 Loop													
	W-2 Loop													
	S-1 Loop													
	S-2 Loop													
	F-1 Loop													
	N-1 Loop													
	N-2 Loop													
	Span A to B													
	W-2 to W-1													
	W-1 to A													
	S-1 to C													
	C to E-1													
	E-1 to B													
	Span D to B													
	EEF Signs R-31B-36													
	K&L Signs R-31C-48													
	K&L Existing Signs													
	Pavement Marking, South Leg													
	Pavement Marking, East Leg													
	Pavement Marking, North Leg													
	Pavement Marking, West Leg													
	<b>TOTALS</b>		114	2	88	88								

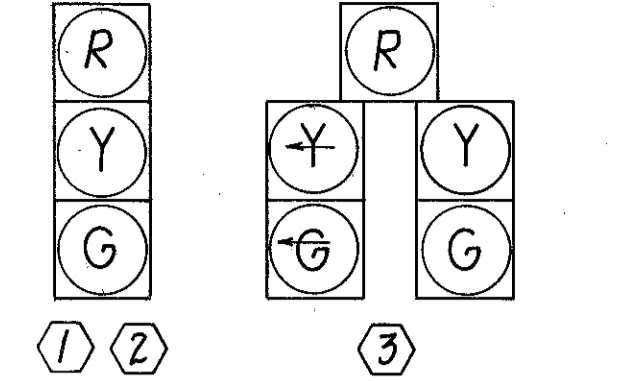
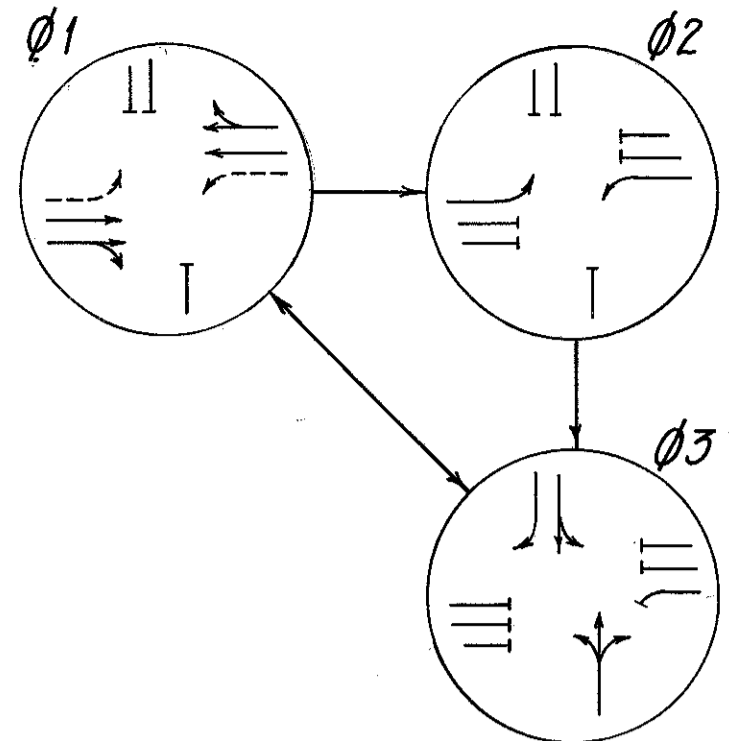
**CONTROLLER DATA**

	PHASE						FLASH
	1		2		3		
	R/W	C	R/W	C	R/W	C	
Signal 1	R	R	R	R	G	Y	R
Signal 2	G	Y	R	R	R	R	Y
Signal 3	G	Y	G/R	Y/R	R	R	Y
Initial	-	-	6	-	6	-	-
Vehicle	-	-	1	-	3	-	-
Maximum	-	-	8	-	24	-	-
Minimum	41	-	-	-	-	-	-
Clearance (Yellow)	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Clearance (Red)	1.9	1.0	1.6	1.6	1.6	1.6	1.6
Recall Switch	ON	Nonlock	Lock	Lock	Lock	Lock	Lock

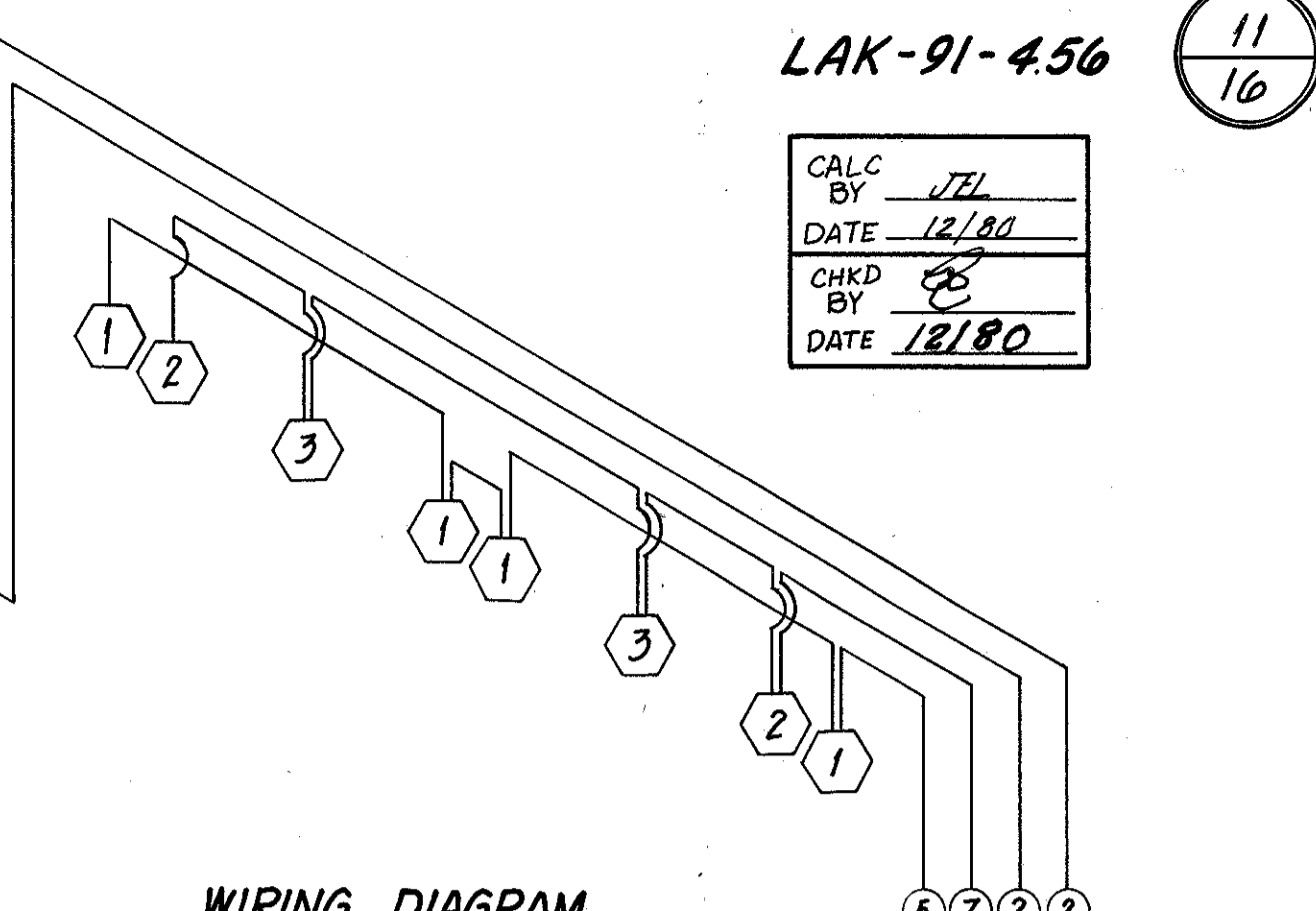
**LOOP DETECTOR & AMPLIFIER DATA**

LOOP	SIZE	TYPE	AMPLIFIER
S-1	12' x 8'	Presence	A
S-2	12' x 8'	Presence	A
W-1	24', 15', 25', 8'	Presence	B*
W-2	8' x 6'	Pulse	C
N-1	12' x 8'	Presence	A
N-2	12' x 8'	Presence	A
E-1	24', 15', 25', 8'	Presence	D*

\* Delay Type, Set for 5 Seconds

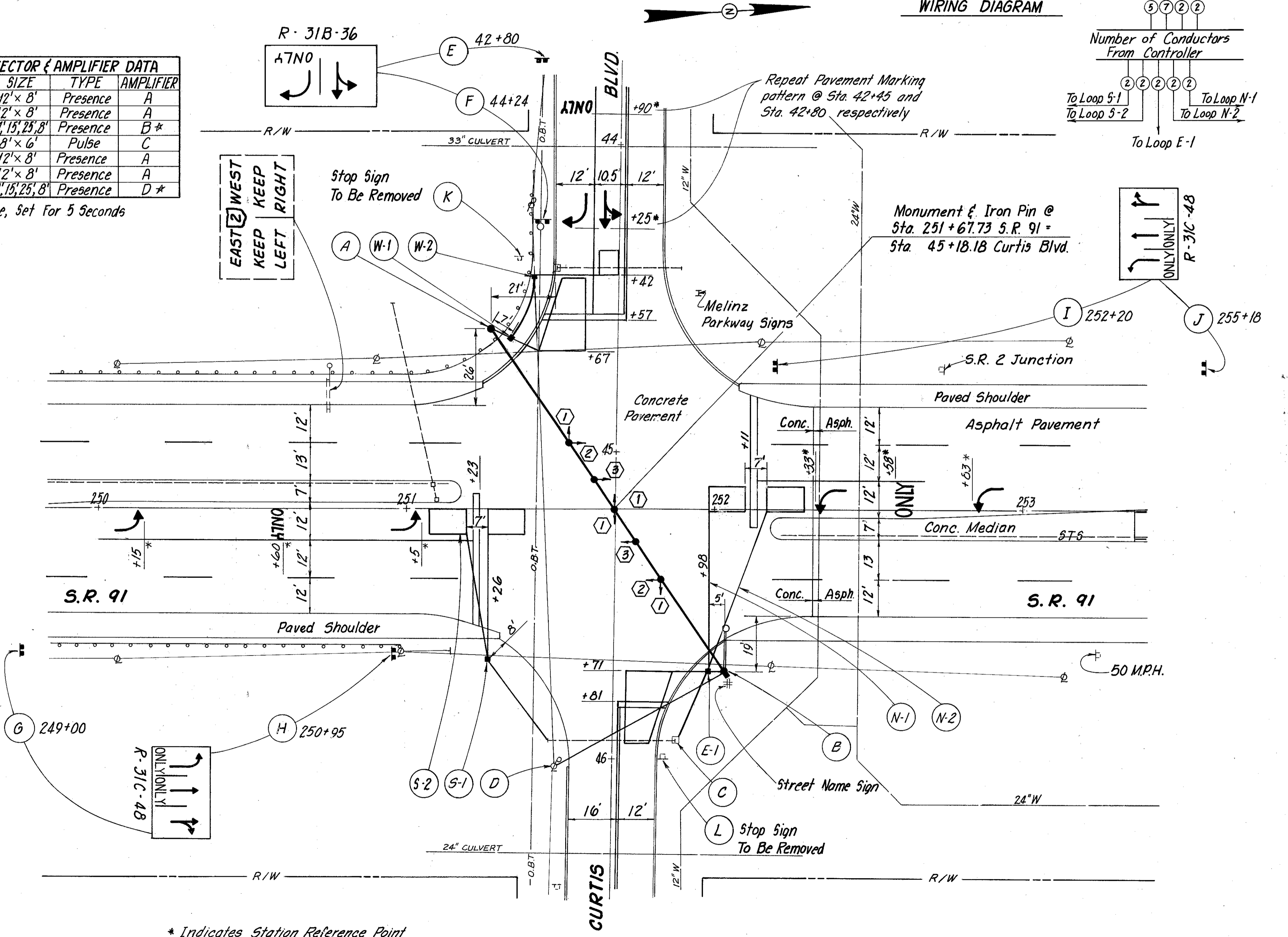


Signal Head Indication No. 12" SIGNAL INDICATION



LAK-91-456  
11/16

CALC BY	JFL
DATE	12/80
CHKD BY	
DATE	12/80



\* Indicates Station Reference Point  
See Standard Construction Drawing TC-71.10