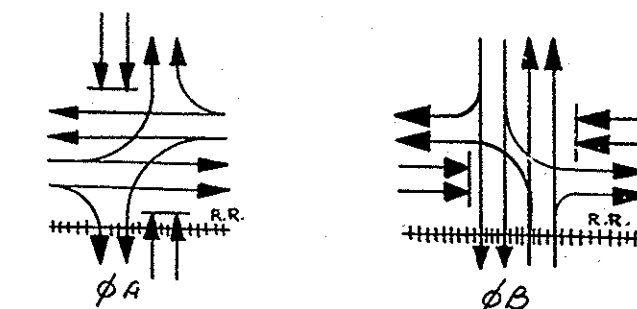
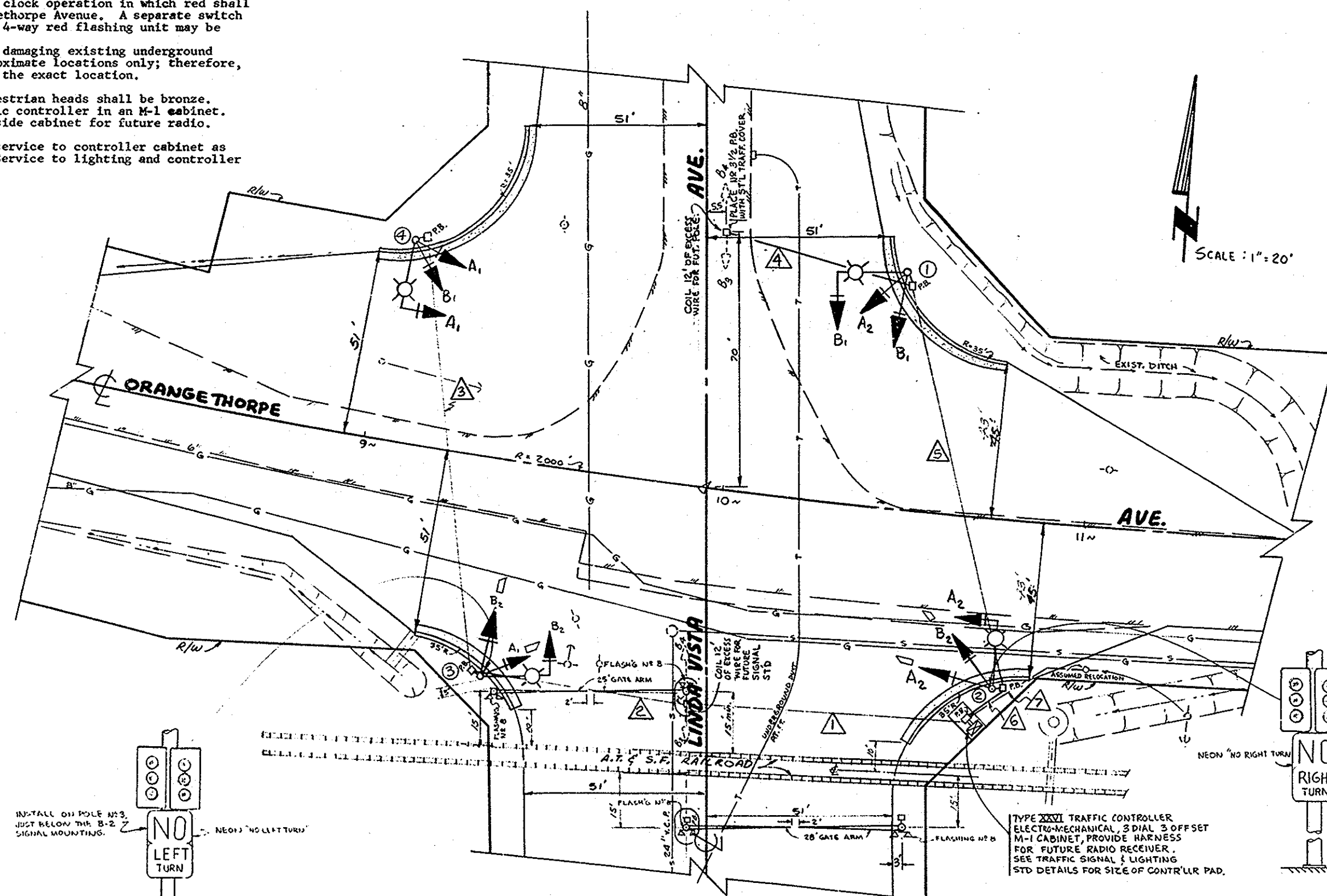


EXACT

STRAIGHT EDGE RULE SE-48

CONSTRUCTION NOTES

- For general notes see standard detail sheets through
- All phases shall be wired into the M-1 controller cabinet located on the south-easterly corner of the intersection.
- Flashing indications shall be by remote or time clock operation in which red shall flash on Linda Vista Avenue and yellow on Orangethorpe Avenue. A separate switch shall be provided via the Police door whereby a 4-way red flashing unit may be actuated.
- Contractor shall exercise extreme care to avoid damaging existing underground utilities. Utilities shown on plan are at approximate locations only; therefore, the Contractor shall be responsible for finding the exact location.
- Standards shall be galvanized steel.
- Terminal compartment on traffic signals and pedestrian heads shall be bronze.
- The traffic controller shall be type XXVI traffic controller in an M-1 cabinet.
- A harness and terminal board shall be placed inside cabinet for future radio.
- All luminaires shall have integral ballasts.
- Install type "B" 120/240 V signal and lighting service to controller cabinet as per traffic signal lighting standard details. Service to lighting and controller shall be from the nearest Edison power pole.



PHASE DIAGRAMS

RAILROAD PRE-EMPTION
SEE SCHEDULE

POLE SCHEDULE						
STANDARD			LUMIN.			
NO.	DESCRIPTION	TYPE	HEIGHT	WATTAGE	SIGNAL	WATTAGE
1	28'-6" STEEL	CO. XXVI	12'	20'	400 WATT	B-2
2	28'-6" STEEL	CO. XXVI	12'	20'	400 WATT	B-2
3	28'-6" STEEL	CO. XXVI	12'	20'	400 WATT	B-2
4	28'-6" STEEL	CO. XXVI	12'	20'	400 WATT	B-2

CONDUCTOR SCHEDULE						
ANG.	DESCRIPTION	1	2	3	4	5
#14	Ø A ₁	3	3	3	—	—
	Ø A ₂	—	—	—	3	3
	Ø B ₁	3	3	3	—	3
	Ø B ₂	—	—	—	3	3
	FUT. PED. Ø A	2	2	2	—	2
	FUT. PED. Ø B	2	2	2	—	2
	NO RT. APT. SIGNAL	1	1	—	—	1
	FUT. LT. TURN Ø B ₁	3	—	—	3	3
	FUT. LT. TURN Ø B ₂	3	—	—	3	3
	SPARES	3	3	3	3	3
#10	LUMINAIRE	2	2	2	—	2
	COMMON	1	1	1	1	1
#8	TOTAL	3	3	3	1	3
	SERVICE	—	—	—	—	3

RAILROAD PRE-EMPTION SCHEDULE						
PHASE	EXIST. COND. BEFORE PRE-EMPTION	TRACK CLEARANCE				15 SEC. SIGNAL BEFORE REPOSE TO NORMAL OPERATION
		1	2	3	4	
B ₁	R	R	G	V	R	R
	Y	R	G	V	R	R
	G	R	G	V	R	R
	FLASHING RED	R	R	R	R	R
B ₂	SPECIAL TURN	ON	ON	ON	ON	OFF
	R	R	R	R	R	R
	Y	R	R	R	R	R
	G	R	R	R	R	R
A ₁	FLASHING RED	R	R	R	R	R
	SPECIAL TURN	ON	ON	ON	ON	OFF
	R	R	R	R	R	R
	Y	R	R	R	R	R
A ₂	FLASHING RED	R	R	R	R	R
	SPECIAL TURN	ON	ON	ON	ON	OFF

R = RED
Y = YELLOW
G = GREEN
RED FLASHING, RED
DON'T WALK4 4 4 4
SEC SEC SEC SEC
TRAIN TIME IN INTER-SECTIONORANGETHORPE AVE.
LINDA VISTA AVE.
INTERSECTION

SIGNALIZATION PLAN

1" = 20'

17/24

17/24