

GENERAL NOTES

The contractor shall conform to the following (Unless otherwise noted)

SYMBOLS

Standard Specifications Reference

PROPOSED EXISTING

---	---	Signal conduit	
---	---	Lighting conduit	
---	---	Overhead conductor	
□	□	Pull box	1(15-2)
□	□	Impact detector	2(15-2)
□	□	Non directional pressure detector	3(86-2.04)
□	□	Directional pressure detector	
□	□	Controller	4(86-2.04)
□	□	Inductive loop detector	5(86-2.04)
□	□	Ultra Sonic detector	7(86-2.04)
□	□	Traffic signal, each arrow one way three color with backplate	8(86-2.05)
□	□	Traffic signal, one way three color with backplate	
□	□	Traffic signal, one way three color with green arrow and backplate with Red and Yellow louvered	9(86-2.05)
□	□	Master arm traffic signal (with backplate)	10(86-2.05)
□	□	Electroliner master arm type-master arm traffic signal with backplate	11(86-2.06)
□	□	Traffic signal with all colors louvered	
□	□	Flashing beacon, one way	12(86-2.06)
□	□	Electroliner, master arm type	
□	□	Walk Don't Walk pedestrian signal	13(86-2.08)
□	□	Pedestrian signal 2 color head	14(86-2.08)
□	□	Electroliner, upright type	
□	□	Pedestrian push button on post	15(86-2.08)
□	□	Power pole	
□	□	Telephone pole	
□	□	Fire hydrant	

Existing striping not conforming to the plans shall be removed.

Required striping, pavement markings by others.

Signal standards shall be placed the following distances inside BCR or ECR.

25' R curb return	2'	40' R curb return	13'
30' R " "	6'	45' R " "	17'
35' R " "	10'	50' R " "	20'

Standards shall be installed with 2 foot minimum clearance to

face of curb or edge of shoulder. Standards shall be set at sidewalk or grade level.

Standards on median islands shall be install 10 feet behind nose.

~~All pedestrian cabinets shall be 30 inches high and mounted on pedestals 20 inches high.~~

Guard posts are not required to be galvanized.

Service and detector conduit shall be 1-inch interconnect and lighting conduit shall be 1 1/2-inch.

traffic signal shall be 2-inch.

Conduit runs parallel to curbs may be placed adjacent to back of curb,

except where in conflict with existing facilities.

All conduit work must be inspected and passed by the ^{COUNTY} ~~State~~ engineer before wire is installed.

Pull boxes shall be No 5. Not more than five(5) 2-inch conduit shall be installed in No.5 pull box. A

No 3 1/2 pull box may be used when a maximum of two(2) 1-inch conduits are installed in the pull box.

Ballasts hangers in pull boxes are not required.

Where existing conductors are to be reused, the color coding must conform to the

Standard Specifications.

A band or bands (see detail this sheet) shall be attached near the end of each conductor showing:

- Circuit and phase (may be omitted if clearly shown by color coding)
- Destination

Connection to each terminal of a pedestrian push button shall be by a single number 16AWG stranded conductor spliced to the push button leads in the nearest pull box. Closed Loop Lugs shall be used at the push button.

Two-color pedestrian signal heads shall be wired to indicate red during corresponding vehicle yellow and red interval, and green during vehicle green interval.

An olive green band shall be painted around poles and posts which have pedestrian push buttons.

Band shall be 18 inches high symmetrical about the push button assembly

Directly interconnected traffic signal systems shall be electrically isolated from each other through the use of relays

~~Flashing indications shall be used on all phases.~~

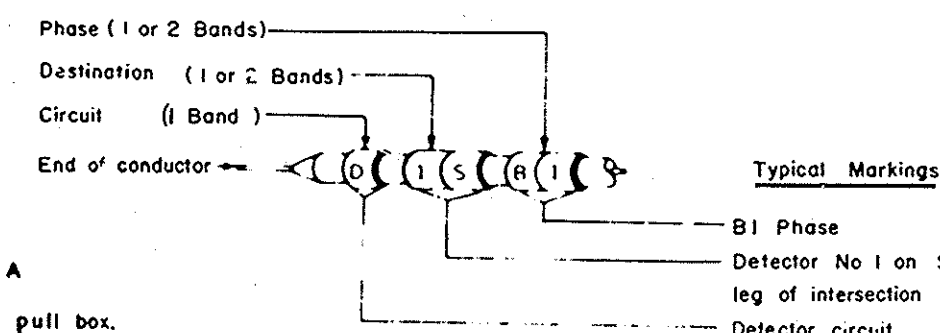
All "Don't Walk-Walk" indications shall flash "Don't Walk" during the pedestrian clearance interval

35 amp fuses shall be installed in all "R" cabinets.

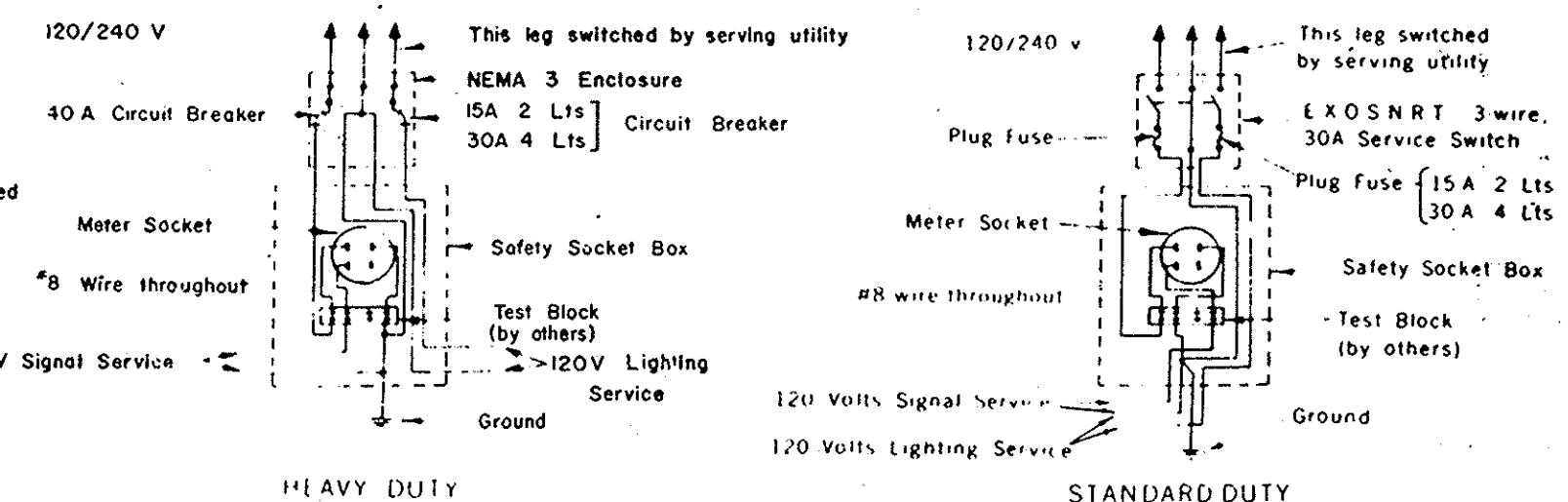
~~All master arm mounted signals shall be 12-inch faces with M-2 mounting.~~

Pressure sensitive vehicle detector position dimensions refer to contact unit.

Inductive loop detectors and leads located in roadway shall be installed in a slot with minimum dimensions of 1/4 inch wide X 1 1/2 inch deep. The slot shall be sealed with epoxy to a grade level with roadway and with minimum depth of 1/4 inch.

~~All master arm mounted signals shall be installed in pull box adjacent to each detector.~~NO SCALE
(See Note 14)

TYPICAL BENDING OF CONDUCTOR ENDS



TYPE "L" TRAFFIC SIGNAL AND LIGHTING SERVICE

AS BUILT

ORANGE COUNTY ROAD DEPARTMENT

ORANGETHORPE AVE.-
LINDA VISTA AVE.
INTERSECTIONTRAFFIC SIGNAL &
LIGHTING STD. DETAILS

SHEET 8 OF 24

Linda Vista Avenue

18/24