

SCOPE OF PROJECT

SCE CREW: TO RM AND HARDSET NEW 55' WOOD POLE
TRANSFER PRIMARY /ST LT WIRES, INSTALL XFMR,
CUTOUTS, RISER, 1/0 CABLE FROM PED TO RISER
INSTALL METER AND ENERGIZE

VERIZON: TO TRENCH AND INSTALL CONDUIT
METER PEDESTAL

1 **RM** **E16617Y**
50' **Class C3**

- RM: 1- POLE 50' CLASS 3 WOOD FULL TREAT
- RM: 1- XA SNGL FB 10' WOOD PINS
- RM: 1- XA DBLE FB 8' WOOD PINS SECONDARY
- RM: 3- INS GLASS & PIN 12KV TIE TOP 336 ACSR
- RM: 1- SEC STEEL PIN & INS - PHASE
- RM: 1- SEC STEEL PIN & INS - NEUTRAL

2 **POLE** **4767246E**
55' **Class H1**

- IN: 1- POLE 55' CLASS H1 WOOD FULL TREAT
 - IN: 1- XA SNGL VB 10' STEEL PINS
 - IN: 3- INS POLY POST W/PIN 12KV CLMP #4-336
 - IN: 1- MISC AVIAN HOOD FOR F-NECK INSUL #4-653
 - IN: 1- MISC AVIAN HOOD EXTENDER 60"
 - IN: 1- XA SNGL FB 8' STEEL PINS SECONDARY
 - IN: 1- SEC STEEL PIN & INS - PHASE
 - IN: 1- SEC STEEL PIN & INS - NEUTRAL
 - IN: 1- SEC END ARM RACK WITH 3 SPOOL RACK
- CREW: TRANSFER 3-336ACSR-12KV
2- #4 ACSR- STREET LIGHT

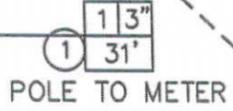
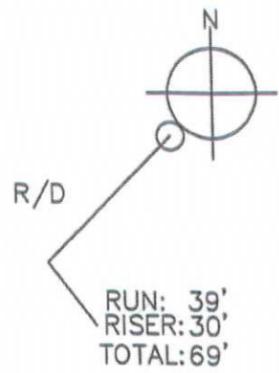
3 **POLE** **4767246E**
55' **Class H1**

- IN: 1- TR OH 25KVA 12KV 120/240 1P
- SN: _____
- IN: 1- FE CO OPEN W/8' XA 100A 12KV 1P
- IN: 1- RSR 3" TO 2" EXTENSION
- IN: 2-1/0 1-#2 CLP 69' (1 runs)
- CF: 31- CM DUCT 2 1/2" TO 4"
- CF: 26- CM DUCT FOR EXCAVATION
- IN: 1- MTR KWH 30A 120/240 1P 3W

PROJECT REQUIREMENTS	
EDISON EASEMENT REQUIRED	<input type="checkbox"/>
PWRD 88 REQUIRED	<input type="checkbox"/>
PERMIT REQUIRED	<input checked="" type="checkbox"/>
PERMIT TYPE:	ENCROACHMENT
OUTAGE REQUIRED	<input type="checkbox"/>
TRAFFIC CONTROL REQUIRED	<input checked="" type="checkbox"/>
PED. TRAFFIC CONTROL REQ'D	<input checked="" type="checkbox"/>
CONVEYANCE LETTER REQ'D	<input type="checkbox"/>

T.L.M. DATA:				
SIZE	KVA	CUST	%	LOAD
EXIST.	25	25	1	38%
PROP.	25	25	1	38%
VOLTAGE DROP: .48%				
FLICKER FACTOR: _____				
PRI. CIRCUIT: _____				

MSR#7131002

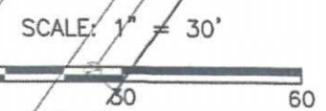


EX: 3-336 ACSR- 12KV 132'
EX: 2-#2 ACSR - 120V- 132'

AMAR RD.



CIRCUIT: **RIVERGRADE**
% **BASSET SUB**

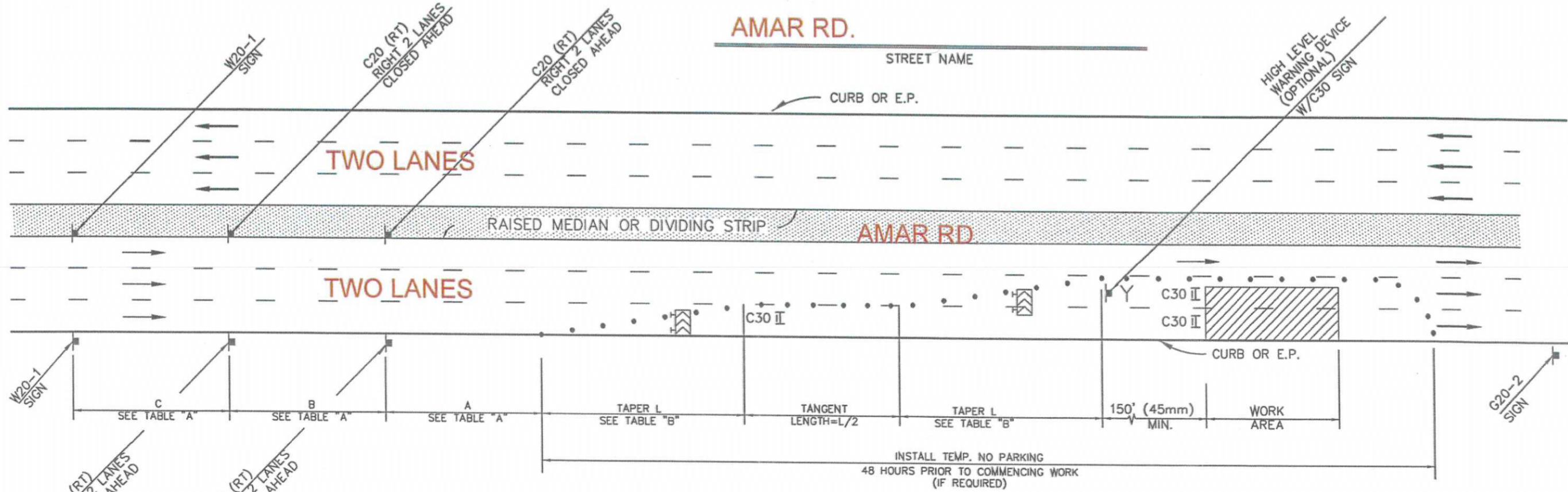


LEGEND
INSTALL
REMOVE

FINAL DESIGN
APPROVED FOR CONSTRUCTION

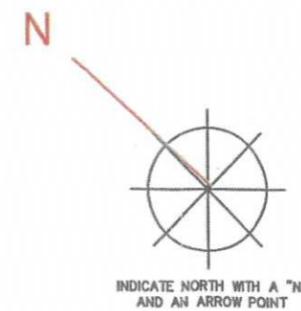
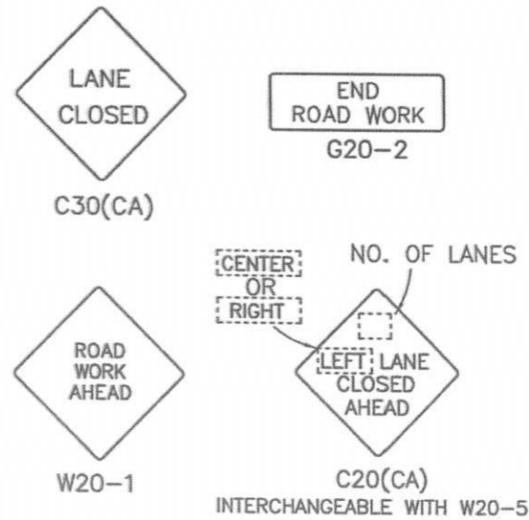
DISTRICT	26 - COVINA	PROJ. MGR. BASS, TRACEY	PHONE 949-697-1424	PLANNER SANCHEZ, LISA	PHONE 626-407-9982
FOREMAN		TRUCK NO.	P/E	INVENTORY MAP NO. THOMAS GUIDE	GRID NO. DESIGN NO.
				128-4299-1	638-c4 494130_1.01
CSD 140	Y _____ N _____	BY-PASS	EXISTING	TLM	J.P.A. NO. ASSOCIATED DESIGN NO.
		CODE	CHANGE TO	CHECKED	%LOAD
PRODUCT/SAP NO.	703973-RELOCATE FACILITIES	PRODUCT/SAP NO.	703975-LINE EXTENSION	PRODUCT/SAP NO.	
		LIS SANCHEZ	4/23/2013	PROPOSED CONSTRUCTION (LOCATION)	
				VERIZON- SITE "NEVERS"	
				S/S AMAR RD 272' N/O EVANWOOD AVE	
				LA PUENTE CA 91744	
TYPE	APPROVED BY	DATE	CHECKED BY	DRAWN BY	PAX #
	SEAN DONLON				
SHEET	1 OF 2			JOB NO. 494130_1.01	

REV. JUN-2010
CUJTCM-DWG20.DWG



LEGEND

- TYPE III BARRICADE W/SIGN
- TYPE II BARRICADE W/O SIGN
- 28"(11cm) TRAFFIC CONES W/13"(5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY
- TRAFFIC CONE WITH CLIP ON SIGN
- PROPOSED SIGN AND POST
- EXISTING SIGN AND POST
- SIGNALIZED INTERSECTION
- FLASHING ARROW SIGN
- HIGH LEVEL WARNING DEVICE WITH SIGN
- FLAGGER
- TANS TOW AWAY NO STOPPING ____ TO ____ (SHOW HOURS)
- TANSAT TOW AWAY NO STOPPING ANY TIME
- WORK ZONE LIMITS
- DIRECTION OF TRAFFIC
- ROADWAY DESIGNATION (A THROUGH D)



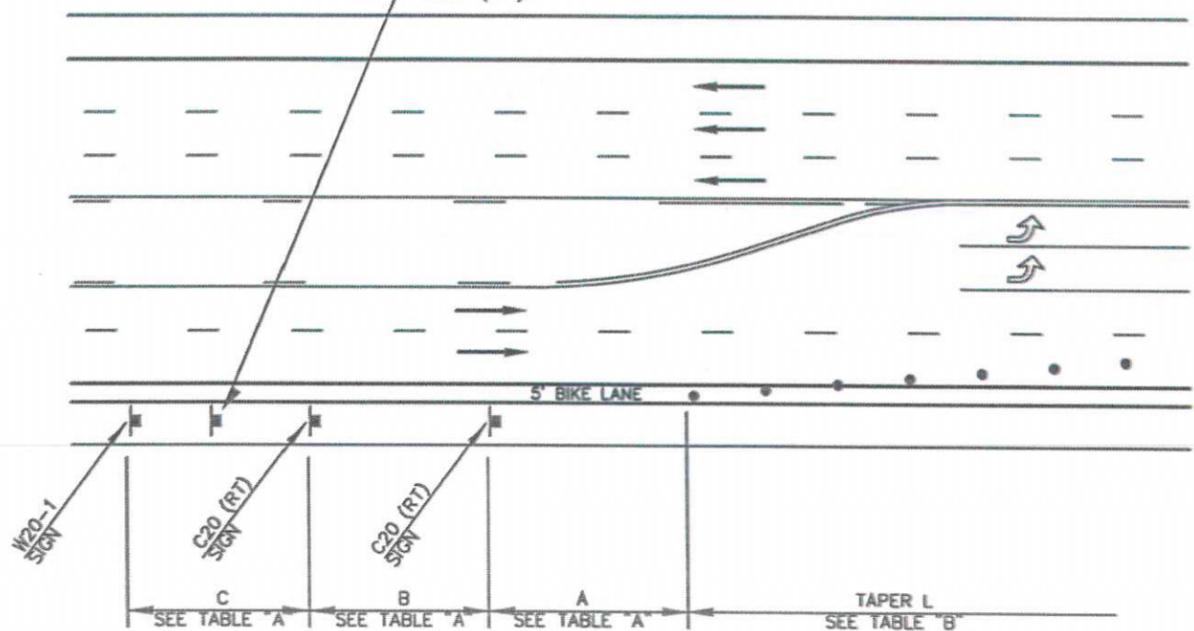
DATES OF TEMPORARY NO PARKING ZONE

WORKSITE TRAFFIC CONTROL PLAN MULTI LANE CLOSURE (RIGHT LANES)		SCALE	NONE
		DATE	
		DRAWING NO.	20

NO. OF LANES

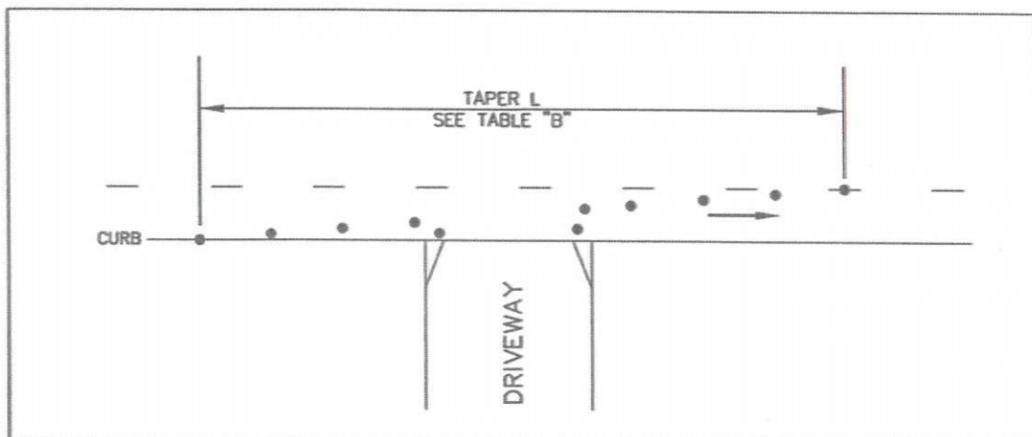


CONSTRUCTION NOTE:
PLACE BIKE LANE CLOSED AHEAD SIGN (C20) HALF THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS



PLACEMENT OF BIKE LANE CLOSURE SIGN
(IF NECESSARY)

CONSTRUCTION NOTE:
ALL DRIVEWAYS TO REMAIN OPEN (WHENEVER POSSIBLE) THROUGHOUT TRAFFIC CONTROL ZONE



SEE TABLE 'A'-'F' FOR SIGN AND CHANNELIZER DEVICE SPACING AND TAPER LENGTH

SPEED	APPROACH STREET	TAPER LENGTH	SIGN SPACING	CHANNELIZER SPACING
40	EVANWOOD	320'	350'	40'

SEE TABLE 'A'-'F' FOR SIGN AND CHANNELIZER DEVICE SPACING AND TAPER LENGTH

SPEED	APPROACH STREET	TAPER LENGTH	SIGN SPACING	CHANNELIZER SPACING

ABBREVIATIONS:

- S = Sign Spacing
- Min = Minimum
- LT = Left
- RT = Right
- LTP = Lane Traffic Panel
- TANSAT = Tow Away, No Stopping Anytime
- TANS = Tow Away, No Stopping

— CHART A —
MINIMUM RECOMMENDED DELINEATOR/CONE & SIGN PLACEMENT

POSTED SPEED LIMIT	TAPER LENGTH FOR 12-FT LANE			CHANNELIZER SPACING		SIGN SPACING (ADVANCE OF TAPER & BETWEEN SIGNS)
	MERGING	SHIFTING	SHOULDER	TAPER	TANGENT	
20 MPH	80 FT.	40 FT.	27 FT.	20 FT.	40 FT.	100 FT.
25 MPH	125 FT.	63 FT.	42 FT.	25 FT.	63 FT.	100 FT.
30 MPH	180 FT.	90 FT.	60 FT.	30 FT.	90 FT.	350 FT.
35 MPH	245 FT.	123 FT.	82 FT.	35 FT.	123 FT.	350 FT.
40 MPH	320 FT.	160 FT.	107 FT.	40 FT.	160 FT.	350 FT.
* 45 MPH	540 FT.	270 FT.	180 FT.	45 FT.	270 FT.	500 FT.
* 50 MPH	600 FT.	300 FT.	200 FT.	50 FT.	300 FT.	500 FT.
* 55+MPH	660 FT.	330 FT.	220 FT.	55 FT.	330 FT.	PER TABLE 'A'

NOTES

1. A Flashing Arrow sign shall be used for each lane closed.
- *2. Two lane closure signs (C-20) shall be used on the approach to a lane closure with speeds of 45 mph or greater.

NOTE: This chart based on 12-foot wide lanes. For lane widths greater than 12 feet, use the following formulae:

Taper formula:

$$L = S \times W \text{ for speeds of 45 mph or more.}$$

$$L = \frac{WS^2}{60} \text{ for speeds of 40 mph or less.}$$

Where:

- L = Minimum length of taper.
- S = Numerical value of posted speed limit prior to work or 85 percentile speed.
- W = Width of offset.

i.e.: 50 mph and 19' lane; $L = 50 \times 19 = 950$ feet