

REFER TO CALTRANS 2018 STANDARD PLAN AND SPECIFICATION. UNLESS OTHERWISE NOTED.

SYMBOLS

NEW

EXISTING

C I

C I

CITY PULL BOX (TYPE I)

C III

C III

CITY PULL BOX (TYPE III)

C IV

C IV

CITY PULL BOX (TYPE IV)

S III

S III

CITY SERVICE PULL BOX (TYPE III)

P

P

PG&E SERVICE PULL BOX

S

SENSYS DETECTOR (FOR VEHICLE DETECTION SYSTEM)

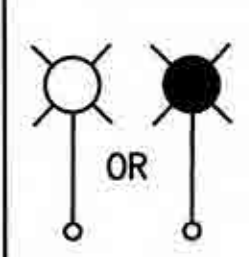
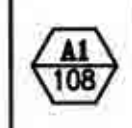


PIB

PROVIDE NEW PULL BOX IN PLACE (RC EX PULL BOX)
MODIFY EXISTING CONDUITS AND WIRING AS REQUIRED.

PIP

PROVIDE NEW POLE AND FOUNDATION IN PLACE
RC EX POLE AND EQUIPMENT PER DRAWING, RC EX FOUNDATION

LIGHTING FIXTURE SCHEDULE

SYMBOL	TAG	DESCRIPTION	MANUFACTURER	LAMPS	VOLT	REMARKS
		LUMINAIRE: LUMEC RFL LED FIXTURE, DIE CAST A360 0.1" THICK ALUMINUM ALLOY HOUSING, TENON MOUNTED BRACKETS, RoHS COMPLIANT LED LIGHT ENGINE, 48LED 108W LAMP WITH BACKLIGHT CONTROL, 3000°K, TYPE III, FULL CUTOFF OPTICS, 90% POWER FACTOR DIMMABLE DRIVER, UNIVERSAL VOLTAGE, PHOTOCELL, BIRD GUARD, AND PROVISION FOR FUTURE WIRELESS CONTROL. COLOR TO MATCH POLE.	FIXTURE: LUMEC ROADFOCUS CAT#: RFM-108W48LED3K-G2-R3M-UNV-DMC-RC07-API-HS-GY3	108W (165W MAX) 48LED 3000°K	MULTI TAP VOLT 120- 277V	 30' POLE  35' POLE

ABBREVIATIONS

1-A (X)	CALTRANS TYPE OF SIGNAL STANDARD. SEE CTSP.
12/C	12-CONDUCTOR CABLE
1S-COUNT	1 SECTION COUNTDOWN TIMER LED PEDESTRIAN SIGNAL
3S8"	3 SECTION 8"(203.2 mm), RED, YELLOW, GREEN
3S12"	3 SECTION 12"(304.8 mm), RED, YELLOW, GREEN
3S12"LA	3 SECTION 12"(304.8 mm), RED, YELLOW, GREEN (ALL LEFT ARROWS)
5S12"GYRA	5 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, YELLOW AND GREEN RIGHT ARROWS
5S12"GYLA	5 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, YELLOW AND GREEN LEFT ARROWS

ABBREVIATIONS (CONT.)

NEW

EXISTING

APS

aps

ACCESSIBLE PEDESTRIAN SIGNAL

BBS

bbs

BATTERY BACKUP SYSTEM

BC

bc

BOLT CIRCLE

BSCW

BARE STRANDED COPPER WIRE

C

c

CONDUIT

CB

cb

CIRCUIT BREAKER

CO.

CONDUIT ONLY WITH PULL TAPE/ROPE

CTSS

CTSP

STATE OF CALIFORNIA, DEPARTMENT OF
TRANSPORTATION, STANDARD PLANS AND
STANDARD SPECIFICATIONS

DLC

dlc

LOOP DETECTOR LEAD-IN CABLE

F/I

FURNISH AND INSTALL

G

GRS

H

HDPE

HPS

hps

HIGH PRESSURE SODIUM

LED

led

LIGHT EMITTING DIODE

LMA

lma

LUMINAIRE MAST ARM

LPS

lps

LOW PRESSURE SODIUM

LTG

ltg

LIGHTING

MAS

mas

MAST ARM MOUNTING VEHICLE SIGNAL
FACES, SIDE ATTACHMENT

MAT

mat

MAST ARM MOUNTING VEHICLE SIGNAL
FACES, TOP ATTACHMENT

MT

mt

CONDUIT WITH PULL WIRE OR ROPE ONLY

N

n

NEUTRAL

P

PVC

PB

pb

PULL BOX

PBA

pba

PUSH BUTTON ASSEMBLY

PED

ped

PEDESTRIAN

PG&E

peu

PACIFIC GAS AND ELECTRIC

RLC

RED LIGHT CAMERA

SFMTA

SAN FRANCISCO MUNICIPAL TRANSPORTATION AGENCY

SFPUC

SAN FRANCISCO PUBLIC UTILITIES COMMSHION

SMA

sma

SIGNAL MAST ARM

SL

STREET LIGHT

SP

sp

SPARE

SPDPWSF

SSDPWSF

STANDARD PLAN AND STANDARD SPECIFICATION,
DEPARTMENT OF PUBLIC WORKS, CITY AND COUNTY
OF SAN FRANCISCO

STD

std

STANDARD

VDS

vds


VEHICLE DETECTION SYSTEM

VEH

veh

VEHICLE

PLAN APPROVAL DATE	CONTRACT No.	PROJECT ID	DISTRICT	COUNTY	ROUTE	POST MILES TOTAL PROJECT
	04-0G3501	0400000325	04	SF	1	R0.94/4.05

	SCALE:	19TH AVENUE (STATE ROUTE 1) COMBINED CITY PROJECT	CONTRACT NO. 1000005832
	NONE		DRAWING NO. E-0.1
	SHEET OF SHEETS	ELECTRICAL LEGEND - SYMBOLS AND ABBREVIATIONS	FILE NO. 111,386
	89 OF 356		REV. NO.

NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				
THIS DRAWING WAS LAST MODIFIED: 12/02/19 14:29, BY: dgargaritano				

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



BUREAU OF ENGINEERING
CITY & COUNTY OF SAN FRANCISCO
SAN FRANCISCO PUBLIC WORKS
30 VAN NESS AVENUE, 5TH FLOOR
SAN FRANCISCO, CA 94102 - 6028

Acting Section Mgr: PHILIP THWIN
Deputy Bureau Mgr: FERNANDO CISNEROS
Acting Bureau Mgr: IQBAL DHAPA

Date: 12/11/19
12/16/19
12/16/19

Drawing Path: V:\2652L_19th_Avenue_Combined_City_Project\2_Design_Working_Drawings\EEL_Current\Xref\EEL_TBD.dwg
Plot Time: Wed, 04 Dec 2019 - 5:43pm
Model Units: Undefined