

City of Rialto COMMUNITY DEVELOPMENT DEPARTMENT **ENGINEERING DIVISION**

PERMIT/TRAKIT NO.

PERMIT TYPE

■ Extension Maximum of 1 full year

☐ Standard

335 W. Rialto Avenue, Rialto, CA 92376 Phone: (909) 421-4999 • Fax: (909) 421-7210

Email Application to: <u>UtilityPermits@rialtoca.gov</u> Website: www.yourrialto.com

ENCROACHMENT PERMIT APPLICATION

	A Standard Permit is valid for a period of 180 days Only. Upon expiration, a new
Applicant (Name/Company):	permit must be submitted and all fees paid
Address:	at resubmission.
City/State/Zip	ISSUED DATE:
Phone: _()	EXPIRATION DATE:
Contractor (Name/Company):	**FOR OFFICE USE ONLY**
Phone: () Email:	DATE:
Contractor License #: Type: Expiration Date:	ENTERED BY:
Rialto Business License: Expiration Date:	
(Note: This permit is valid until the insurance expiration date.)	
Said work to be in conformance with Encroachment Permit General Provisions, a Specifications for such work, and to the satisfaction of the City Engineer.	pplicable City Ordinances, and/or according to City
Permission is requested to open the following street/address:	Street
between Street and	Street
For the purpose of:	
For the duration of: One Day or Less Two Days Thre	ee or more Days
APPLICANT MUST PROVIDE PROOF OF THE FOLLOWING:	
 Current Business License with the City of Rialto. Certificate of General Liability Insurance, including additional Insurance Endor 	rsements, in the minimum amount of \$1 Million dollars
naming the City of Rialto as additionally insured.	sements, in the minimum amount of \$1 Million dollars
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Standard and Special Drawings (Green Pages)

LIST OF STANDARD AND SPECIAL DRAWINGS (GREEN PAGES)

NOTICE TO RESIDENTS (ENGLISH) NOTICE TO RESIDENTS (SPANISH)

SAN BERNARDINO COUNTY STANDARDS

116 6" CURB AND GUTTER

117 ASPHALT CONCRETE DIKE (MODIFIED) VERSION 1

119 CROSS GUTTER

203A LOCAL DEPRESSION 6" CURB

303 STREET MARKER

303b STREET MARKER POST INSTALLATION

CALTRANS STANDARD PLANS 2018

A20A A20B A20D A24A A24B A24D A24E

RS4 ES-3B ES-4E DETAIL B ES-7N ES-7P ES-7R

RSP ES-2E RSP ES-4B DETAIL B RSP ES-7B RSP ES-8A

RSP ES-8B

CALTRANS STANDARD PLANS 2015

RSP T9 RSP T10 T11 T13

CALIFORNIA MUTCD 2014

FIG 2A-2 (CA) FIG 3B-102(CA) FIG 6H-28 FIG 6H-29 SEC 6D.01

SEC 6D.02





NOTICE TO THE RESIDENTS OF EL RIVINO ROAD AND AGUA MANSA ROAD

The County of San Bernardino Department of Public Works has contracted with (Company name) for the (type of work) of (name of road) in the (city) area. The construction shall include (detailed description of work).

This work will be perfo	rmed between th	he dates of (start date	e) and (end date).	
Normal working hours	s will be betwee	en the hours of	A.M. and	_ P.M. Monday
through Friday.	4			

There will be "No Parking Signs" posted on your street indicating the specific dates work will be performed on the street. During the time we are working, access to the public will be limited and we ask the following:

- 1. Do not park your vehicles on the roadway
- 2. Do not allow water to run on the roadway
- 3. Do not allow children to play in the roadway
- 4. Do not place trash cans or other debris on the roadway

We regret any inconvenience that this work may cause you and we thank you for your cooperation in assisting us in rebuilding your street.

Thank you.
(Company name)
(Company contact name)
(Company phone number)

If you need further assistance contact the Department of Public Works at (909) 387-7920





NOTIFICACIÓN A LOS RESIDENTES DE EL RIVINO ROAD Y AGUA MANSA ROAD

El Condado de San Bernardino, Departamento de Obras Públicas, a contratado con (Company name) para (type of work) la calle llamada (name of road) en la ciudad de (city). La construcción va a incluir (detailed description of work).

Este trabajo será hecho entre la fecha de (start date) y (end date). Las horas elegidas para hacer este trabajo serán entre las ______ de la mañana y _____ de la tarde de lunes a viernes.

Habrá letreros indicando que "No Habrá Estacionamiento" en la calle y especificando el horario cuando el trabajo será hecho. Durante el tiempo que estaremos trabajando en la calle, la entrada para el público será limitada y por esta razón pedimos lo siguiente:

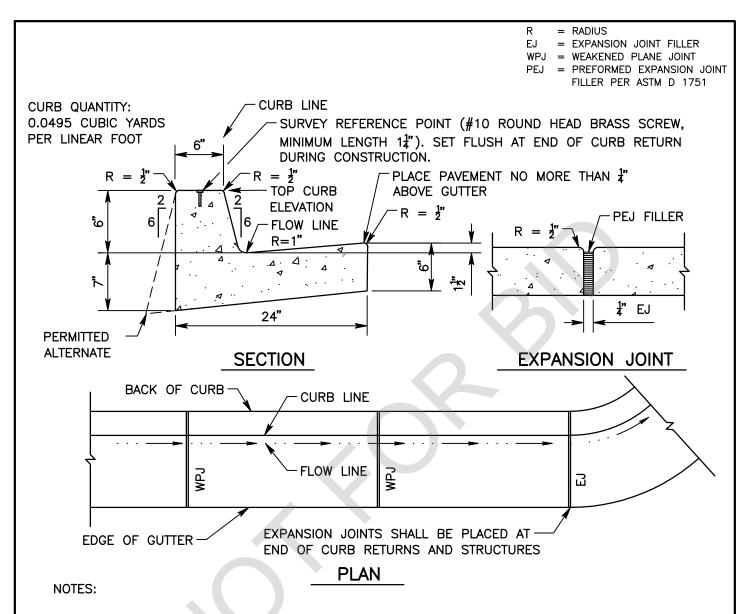
- 1. No estacionen sus vehículos en la calle.
- 2. No permita que corre el agua hacia la calle.
- 3. No permita que los niños jueguen en la calle.
- 4. No ponga los botes de basura o cualquier otra basura en la calle.

Lamentamos la inconveniencia que causara este trabajo y les agradecemos por su cooperación y asistencia en el mejoramiento de su calle.

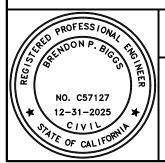
Muchas Gracias.

(Company name)
(Company contact name)
(Company phone number)

Si necesita asistencia favor de hablar al Departamento de Obras Publicas, (909) 387-7920.



- CURB AND GUTTER SHALL BE CONSTRUCTED MONOLITHICALLY OF MINOR CONCRETE.
- 2. WIDTHS OF STANDARD STREET SECTIONS SHOWN ON PLANS ARE TO CURB LINE UNLESS OTHERWISE INDICATED.
- 3. WEAKENED PLANE JOINTS $(\frac{3}{16}^8 \times 1\frac{1}{2}^9)$ DEEP) SHALL BE CONSTRUCTED AT TEN FOOT (10') INTERVALS, EXCEPT THAT THE INTERVAL SHALL BE VARIED TO ALLOW MATCHING OF JOINTS IN ADJACENT EXISTING IMPROVEMENTS.
- 4. CURING COMPOUND SHALL BE SPRAYED UNIFORMLY ON EXPOSED SURFACES.
- 5. WHEN CURB AND GUTTER IS PLACED BY AN EXTRUSION MACHINE, MINOR FINISHING MAY BE DONE TO PROVIDE AN ACCEPTABLE FINISH AND THE WEAKENED PLANE JOINTS MAY BE SAWCUT.
- 6. PEJ FILLER SHALL BE APPLIED IN THE WHOLE CROSS SECTION OF THE CURB AND GUTTER.
- 7. WHEN IN FRONT OF A CURB RAMP, USE GUTTER PAN TRANSITION ON THE CURRENT CALTRANS STANDARD PLAN A88A.

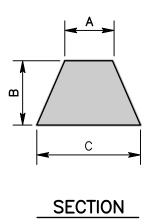


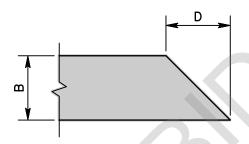
SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS

6" CURB AND GUTTER

BRENDON P. BIGGS, PE DIRECTOR OF PUBLIC WORKS/ROAD COMMISSIONER

116



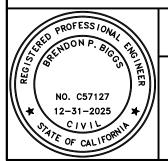


END CUT OFF

	Α	В	С	D
6" ASPHALT DIKE	0.5'	0.5'	1.08'	0.5'
8" ASPHALT DIKE	0.5'	0.67'	1.08'	0.67'

NOTES:

- 1. DIKE SHALL BE CONSTRUCTED OF TYPE A ASPHALT CONCRETE.
- 2. PAINT BINDER SHALL BE PLACED ON EXISTING ASPHALT CONCRETE PAVEMENT PRIOR TO THE INSTALLATION OF THE DIKE.

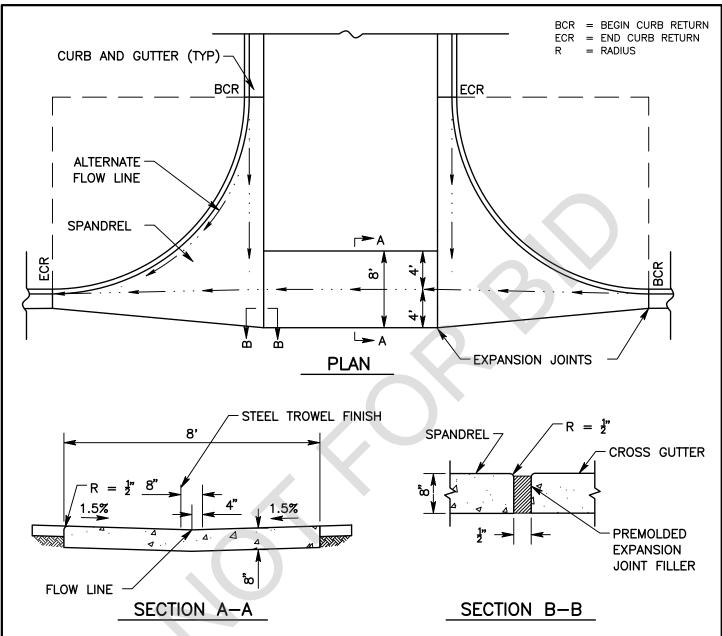


SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS

ASPHALT CONCRETE DIKE

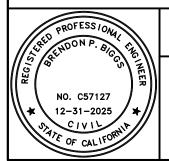
BRENDON P. BIGGS, PE DIRECTOR OF PUBLIC WORKS/ROAD COMMISSIONER

117



NOTES:

- 1. CROSS GUTTER SHALL BE CONSTRUCTED OF MINOR CONCRETE.
- 2. THE STRAIGHT GRADE BETWEEN BCR'S MAY BE ALTERED ON AN EXCESSIVE GRADE.
- 3. A 0.3' MINIMUM FALL IS REQUIRED BETWEEN BCR AND ECR, AND CROSS GUTTER FLOW LINE.
- 4. SPANDREL SHALL BE 8" THICKNESS MINOR CONCRETE.
- 5. VARIABLE CURB FACE ALLOWED FOR DRAINAGE PURPOSES



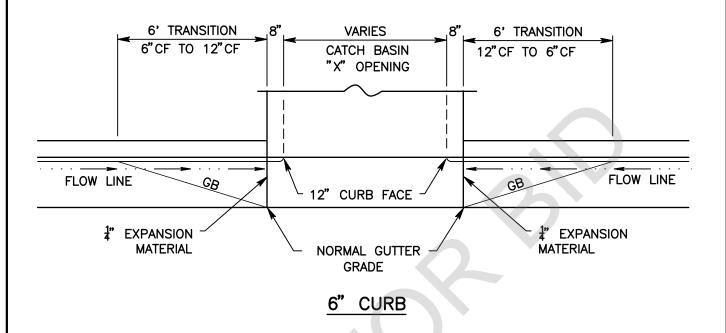
SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS

CROSS GUTTER

BRENDON P. BIGGS, PE DIRECTOR OF PUBLIC WORKS/ROAD COMMISSIONER

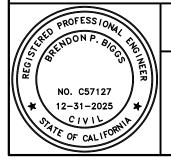
119

CF = CURB FACE GB = GRADE BREAK



NOTES:

- 1. LOCAL DEPRESSION SHALL BE CONSTRUCTED OF MINOR CONCRETE 6" THICK.
- 2. CURB AND GUTTER SHALL BE CONSTRUCTED PRIOR TO CONSTRUCTING TOP OF CATCH BASIN AND CURB TRANSITIONS.

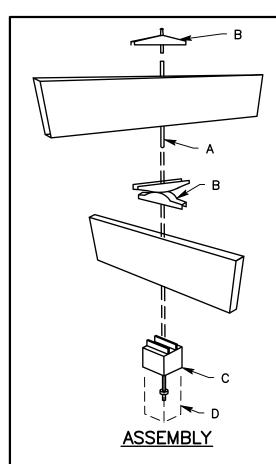


SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS

LOCAL DEPRESSION 6" CURB

BRENDON P. BIGGS, PE DIRECTOR OF PUBLIC WORKS/ROAD COMMISSIONER

203A



ADMINISTRATION

24", 30", OR 36"

GREEN TYPE II REFLECTIVE
SHEETING BACKGROUND
SILVER TYPE II REFLECTIVE
SHEETING LETTERS

DIA = DIAMETER

FHWA = FEDERAL HIGHWAY

- A §"x15" CADMIUM PLATED CARRIAGE BOLT.
- ORNAMENTAL TOP SHALL BE 14 GAGE ANODIZED ALUMINUM. CENTER CROSS SADDLE SHALL BE ONE PIECE CAST ANODIZED ALUMINUM.
- C ONE PIECE 2" CAST ANODIZED ALUMINUM POST CAP WITH FOUR 3" STAINLESS STEEL ALLEN HEAD SET SCREWS.
- D 2" SQUARE STEEL POST 8'-12' LONG INSTALLED WITH A DRIVEN 2 $\frac{1}{2}$ " SQUARE STEEL BREAKAWAY BASE 3' LONG AS PER STANDARD 303B.

DESIGN: EACH FOUR-WAY UNTIL SHALL CONSIST OF TWO DOUBLE FACE SIGNS WITH STREET NAMES MOUNTED AT RIGHT ANGLES WITH CENTER ROD ASSEMBLY.

BRACKET ASSEMBLY: THE POST CAP, ORNAMENT, AND CENTER ROD ASSEMBLY SHALL BE MADE TO MOUNT ON 2" SQUARE GALVANIZED POST. THE CENTER ROD SHALL BE A \{\}\)" CADMIUM PLATED CARRIAGE BOLT. HEAD OF BOLT SHALL FORM TOP OF ORNAMENT. BOLT SHALL EXTEND THROUGH SIGNS AND FASTEN WITH NUT INSIDE OF POST CAP. POST CAP SHALL BE DEEPLY GROOVED TO SECURELY HOLD SIGN FROM TWISTING AND SHALL BE SECURED TO THE PIPE WITH THREE \{\}\)" STAINLESS STEEL ALLEN HEAD SET SCREWS.

MATERIAL: SIGN SHALL BE GREEN ANODIZED ALUMINUM EXTRUSION OF 6063T — 4 ALLOY MATERIAL. ALL ANODIZING SHALL CONFORM WITH ALUMILITE SPECIFICATIONS #215 — R1.

FINISH: SIGN FACES SHALL BE FHWA TYPE II REFLECTIVE SHEETING. THE TRANSPARENT SCREEN PROCESS COLOR SHALL BE AS RECOMMENDED BY THE REFLECTIVE SHEETING MANUFACTURER. APPLICATION OF THE REFLECTIVE SHEETING TO THE SIGN SHALL BE BY METHODS AS APPROVED BY THE REFLECTIVE SHEETING MANUFACTURER.

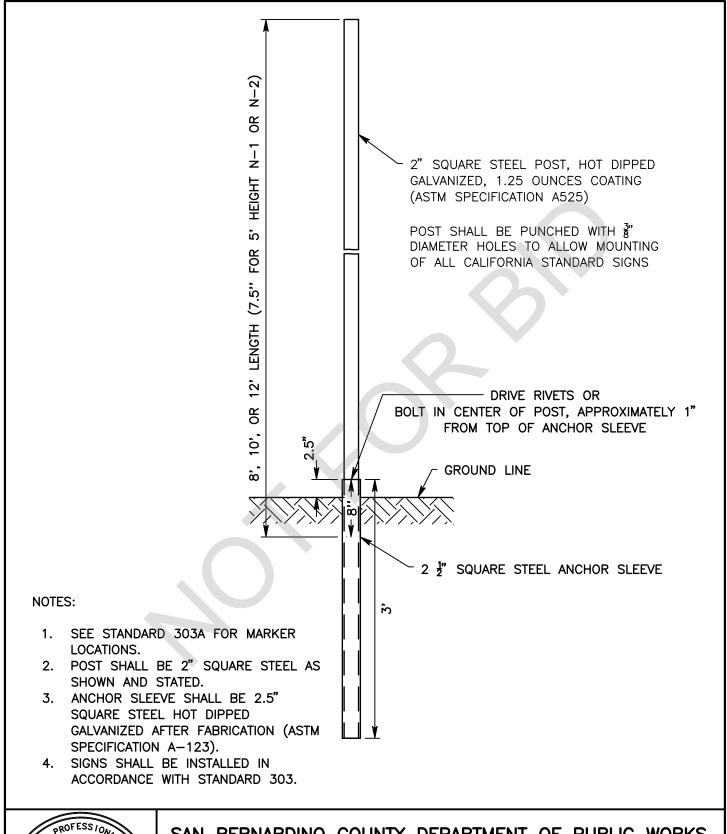
LETTERING: STREET NAMES SHALL BE 4" HIGH. EACH NAME SHALL BE INDIVIDUALLY LAID OUT TO FIT EITHER THE 24" OR 30" SPACE. THE LETTERS SHALL BE OF THE ROUNDED TYPE STYLE CONFORMING WITH THE STANDARD ALPHABET FOR HIGHWAY SIGNS DESIGNED BY THE U.S. PUBLIC ROADS ADMINISTRATION. LETTERS SHALL BE FHWA TYPE II REFLECTIVE SHEETING.



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS

STREET MARKER

BRENDON P. BIGGS, PE DIRECTOR OF PUBLIC WORKS/ROAD COMMISSIONER



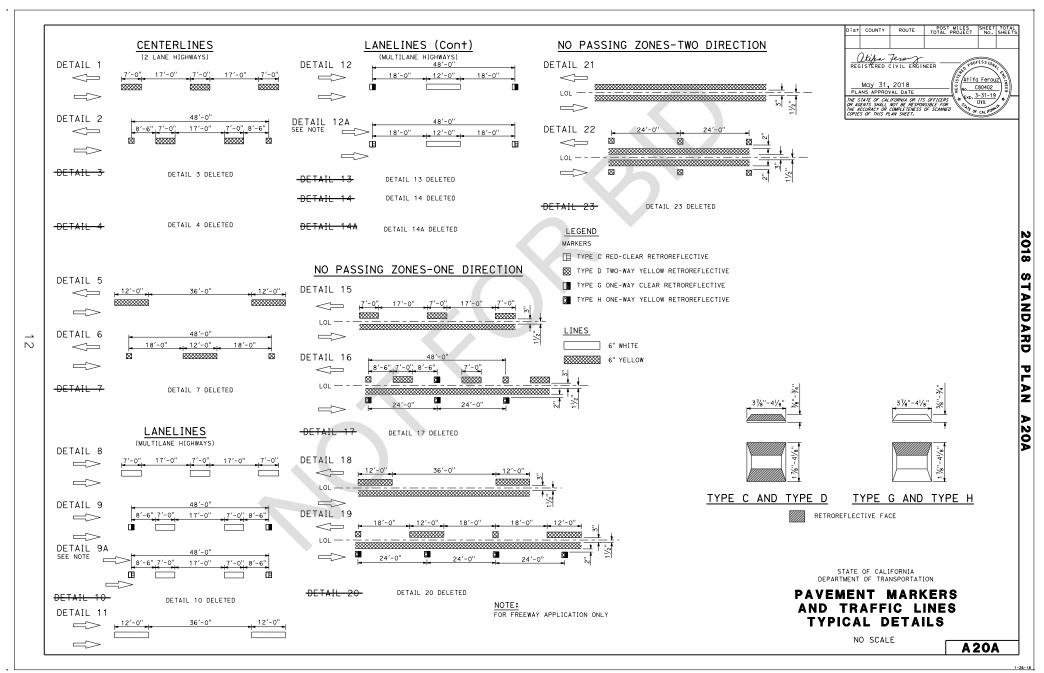


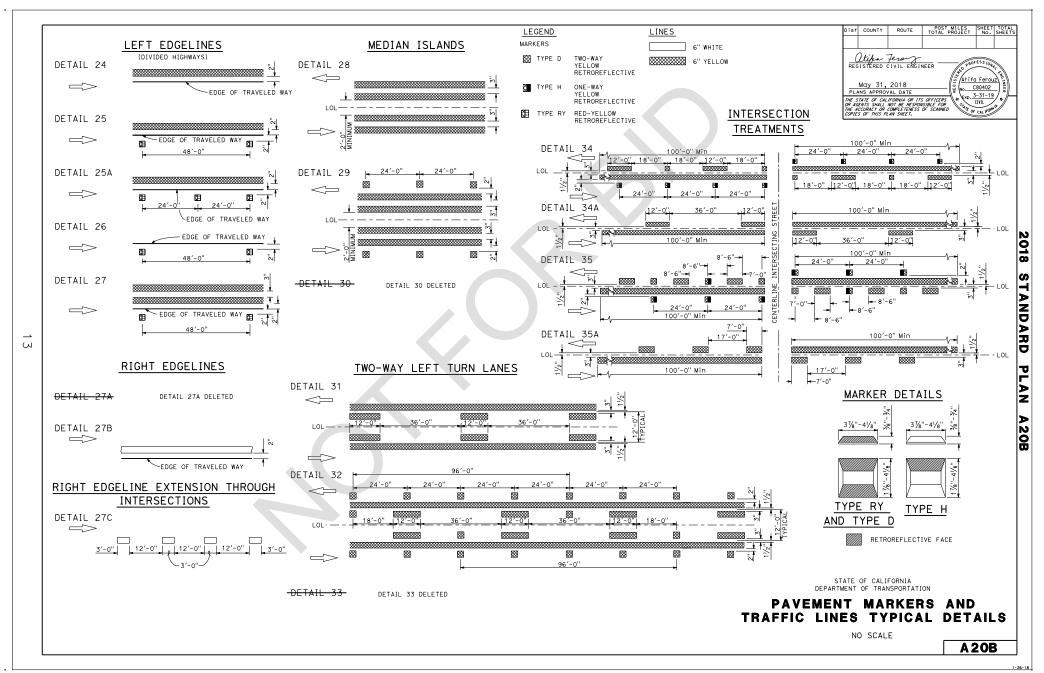
SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS

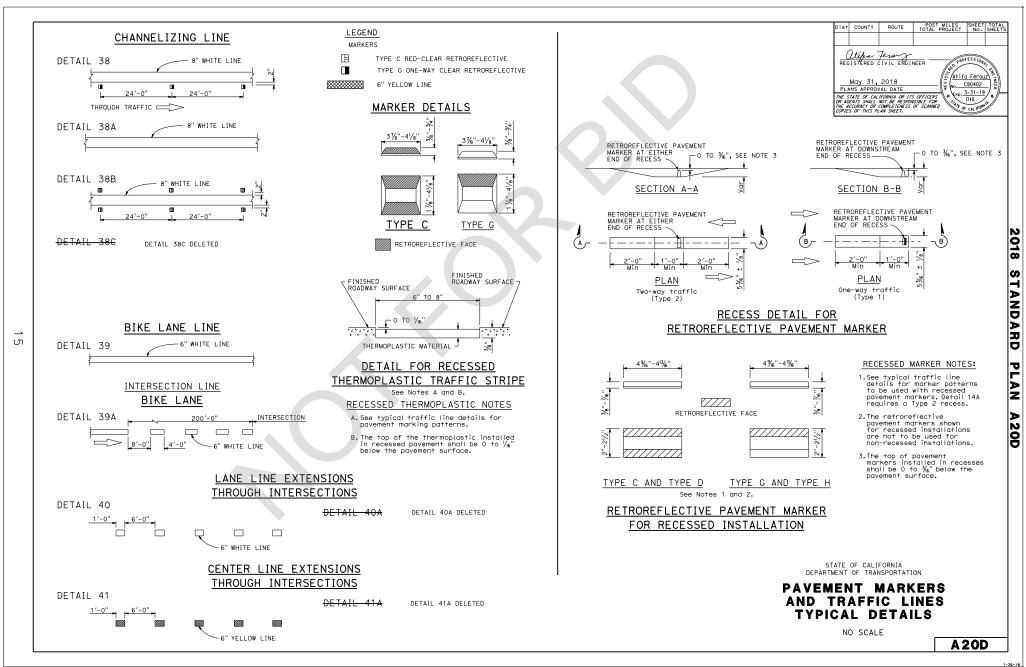
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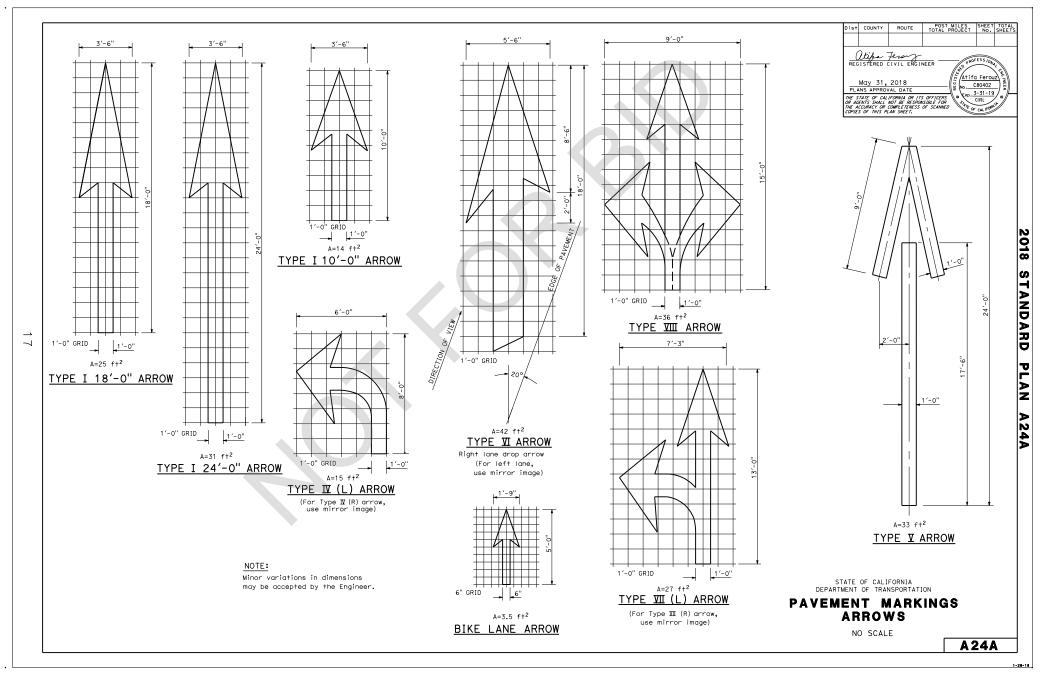
BRENDON P. BIGGS, PE DIRECTOR OF PUBLIC WORKS/ROAD COMMISSIONER

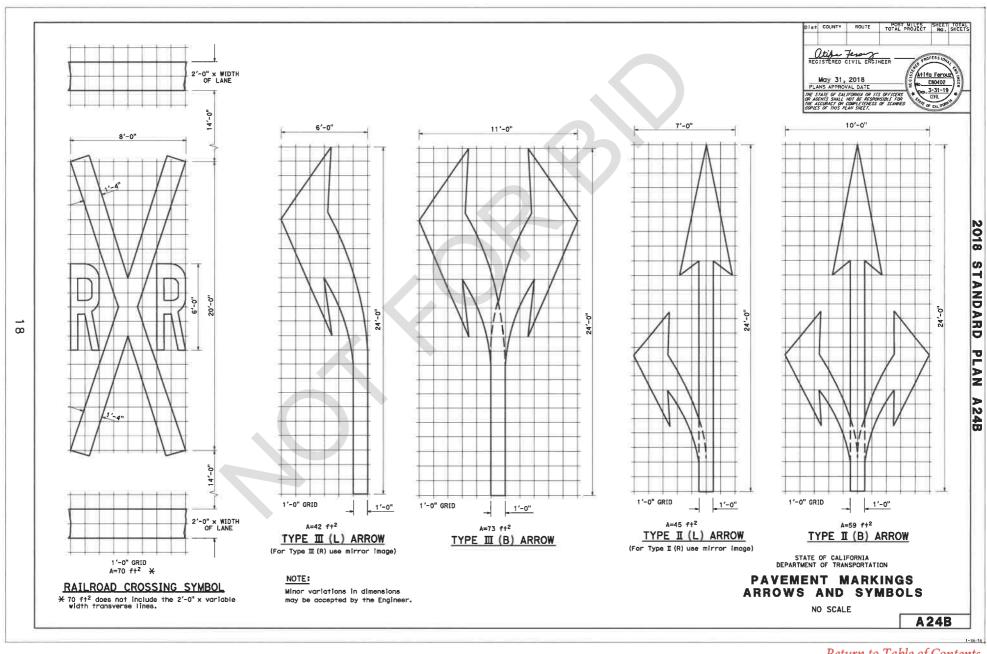
303B

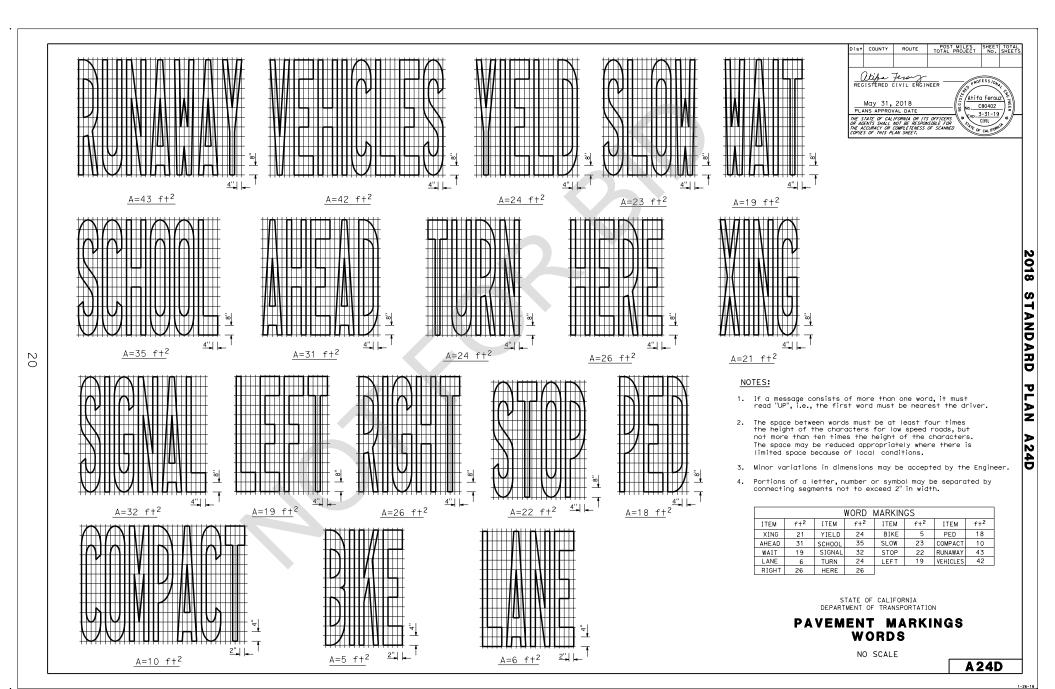


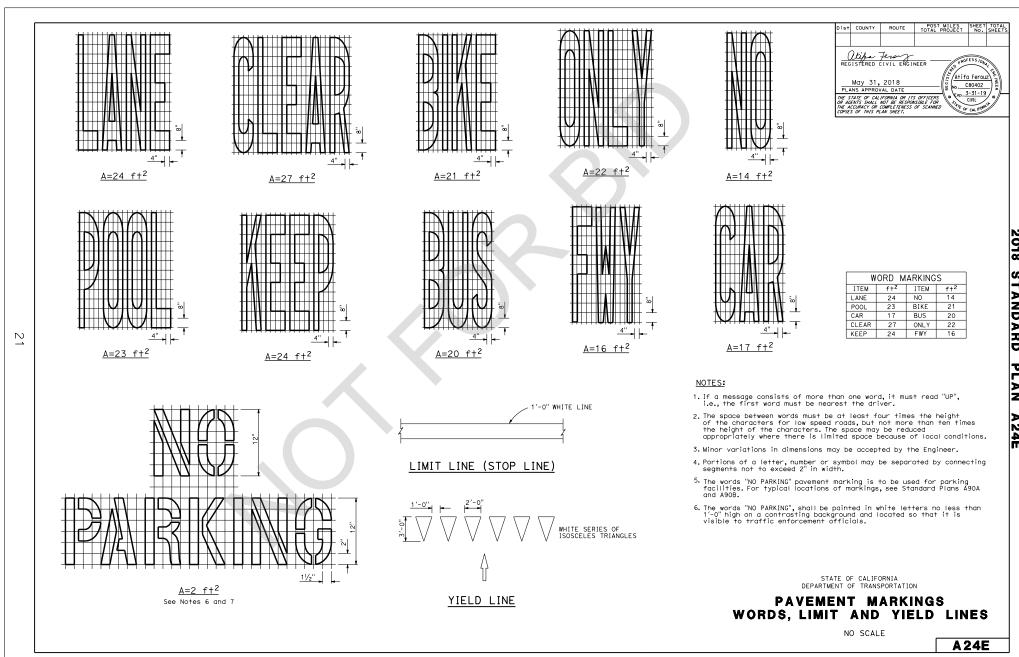




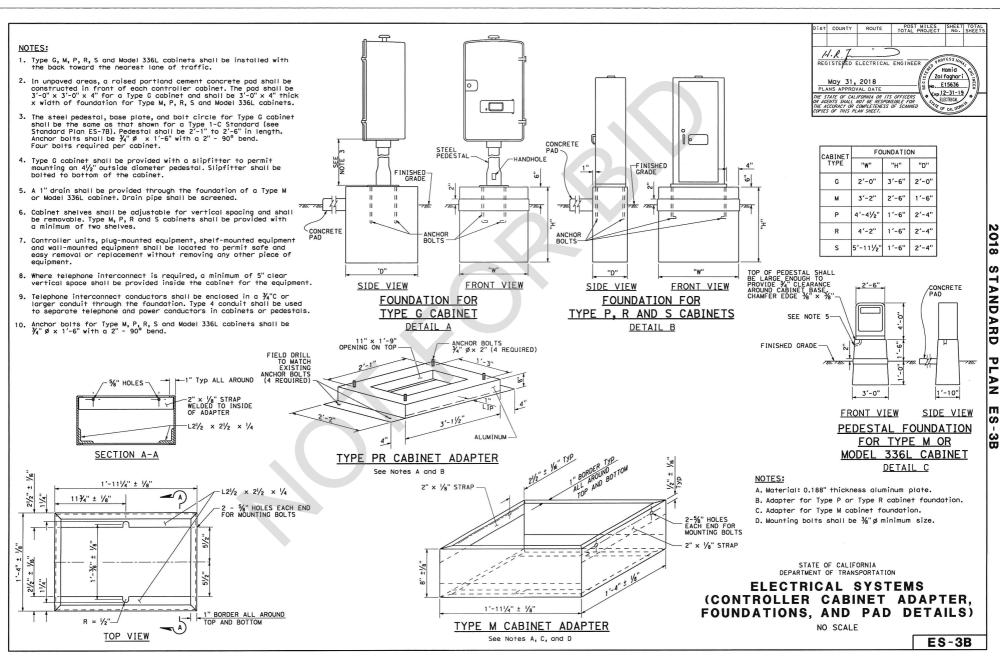


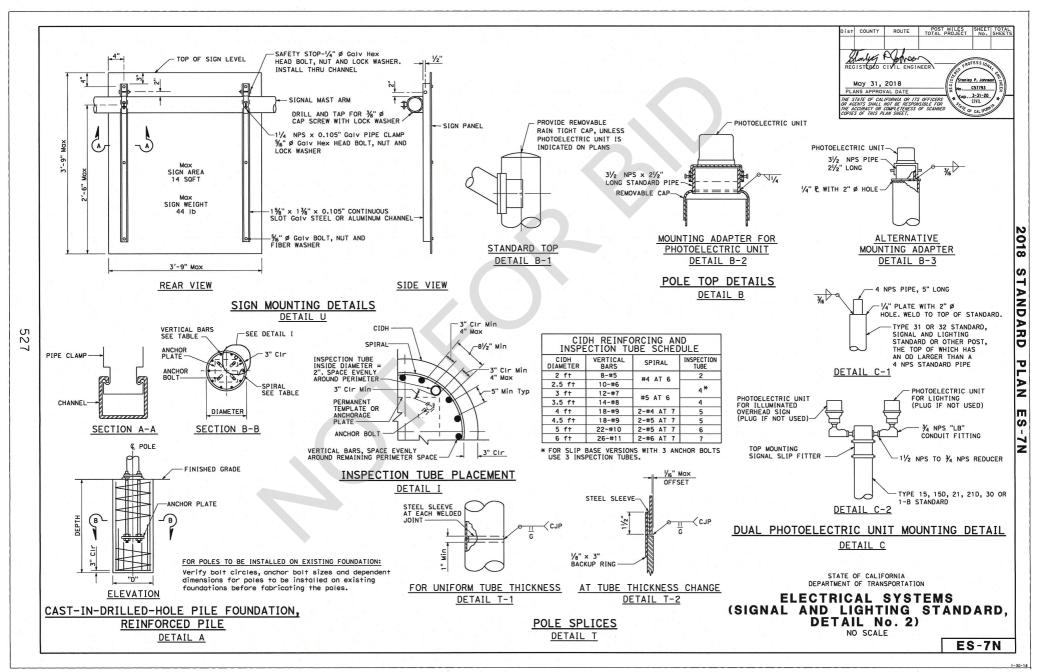




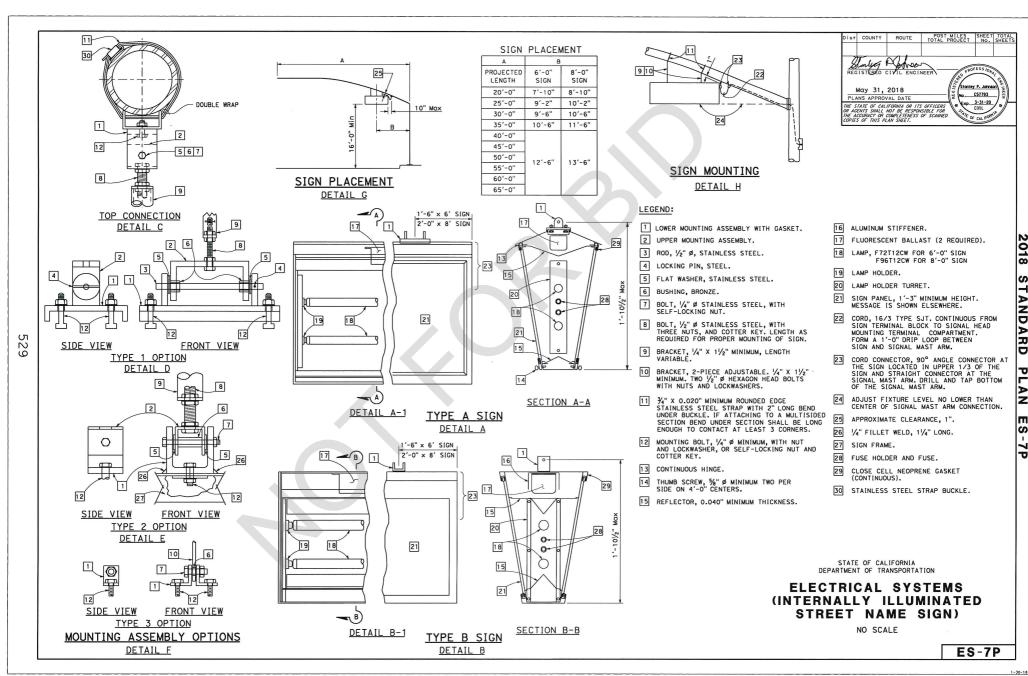


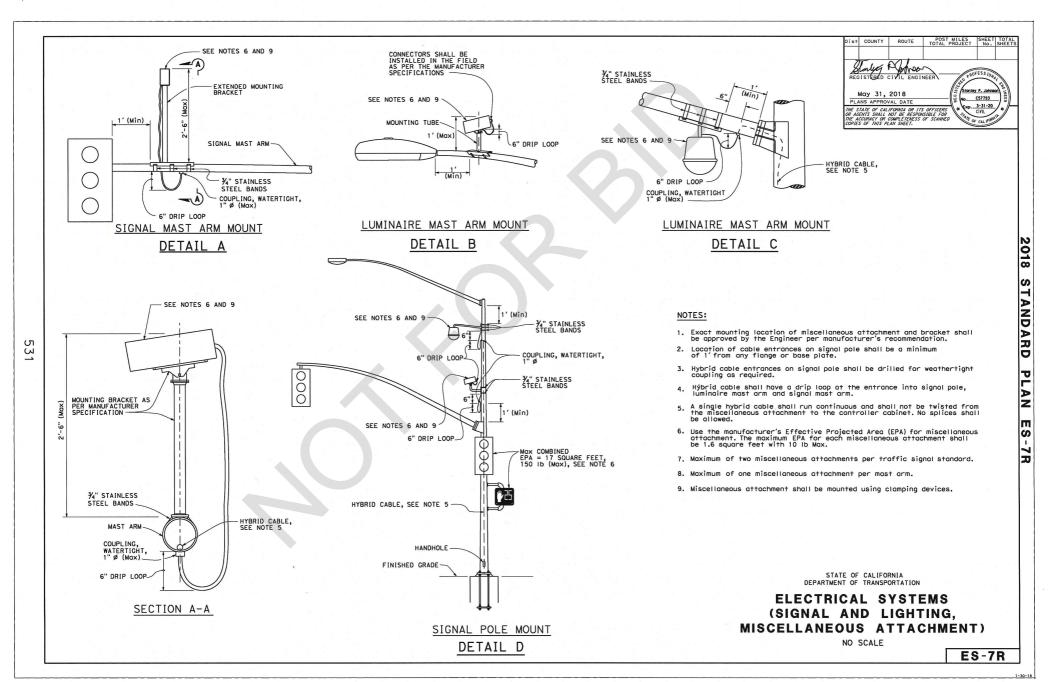


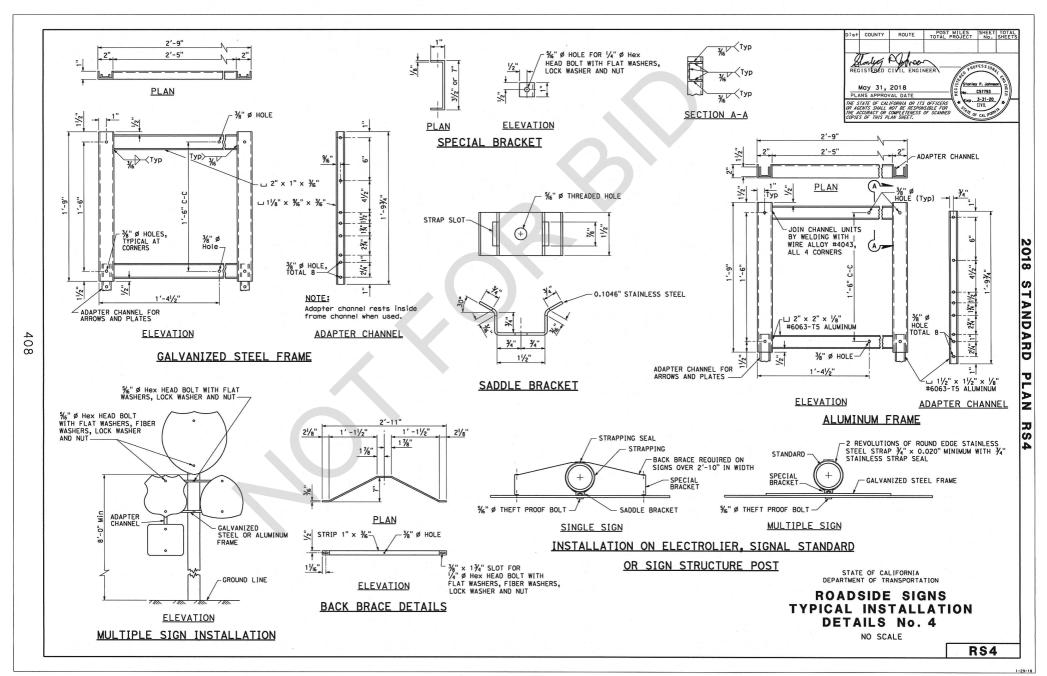












(3)(9)(h)(2)

120/240 V SERVICE WIRING DIAGRAM (TYPICAL)

(18)

DETAIL D

TYPE III-BF SERVICE EQUIPMENT ENCLOSURE (TYPICAL)

ANCHOR BOLTS, 5/8" Ø Min x 18" Galv, 4" - 90° BEND

GROUNDING

ELECTRODE

(4 REQUIRED)

PIANO HINGE

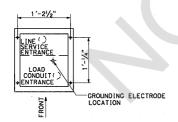
SERVICE

CONDUIT

LOAD

FRONT VIEW

BONDING



BASE FOR TYPE III-B
SERVICE EQUIPMENT ENCLOSURE

DETAIL B

TYPE II-B SERVICE EQUIPMENT ENCLOSURE LEGEND (120/240 V)										
ITEM	COMPONENT	NAMEPLATE DESCRIPTION	ITEM	COMPONENT	NAMEPLATE DESCRIPTION					
①	NEUTRAL LUG		13	15 A, 120 V, 1P, CB	FLASHING BEACON					
@	LANDING LUG		19	30 A, 240 V, 2P, CB	SIGN ILLUMINATION					
3	TEST BYPASS FACILITY		(3)	100 A, 240 V, 2P, CB	MAIN BREAKER					
(4)	METER SOCKET AND SUPPORT		(6)	30 A, 240 V, 2P, CB	LIGHTING					
⑤	TERMINAL BLOCKS		0	50 A, 120 V, 1P, CB	SIGNALS					
©	NEUTRAL BUS		(18)	30 A, 120 V, 1P, CB	RAMP METERING					
7	GROUND BUS		109	20 A, 120 V, 1P, CB	IRRIGATION					
(8)	GROUNDING ELECTRODE	*	0	15 A, 120 V, 1P, CB	LIGHTING CONTROL					
9	30 A, 2P, NO CONTACTOR	SIGN ILLUMINATION	2	20 A, 120 V, IP, CB	TELEPHONE DEMARCATION CABINET					
0	PHOTOELECTRIC UNIT (NOTE 4)	PEU	23	15 A, 1P, TEST SWITCH	LIGHTING TEST SWITCH					
(15 A, 1P, TEST SWITCH	SIGN ILLUMINATION TEST SWITCH	23	60 A, 2P, NO CONTACTOR	LIGHTING					
(2)	15 A, 120 V, 1P, CB	SIGN ILLUMINATION CONTROL								

NOTES:

-SERVICE CONDUIT

SIDE VIEW

- Unless otherwise indicated on the plans, service equipment items shall be provided for each service equipment enclosure as shown.
- Connect to remote test switch mounted on lighting standards, sign post, or structure when required.
- 3. Items 1 and 6 shall be isolated from the service equipment enclosure.
- 4. Type I photoelectric control shall be used unless otherwise indicated on the plans.
- 5. Item (2) and (2) shall be ganged operated CB.
- 6. The plan shows the approximate location of devices within the enclosure. Components may be rearranged, however, the "working" clearances within the service equipment enclosure shall be maintained.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (SERVICE EQUIPMENT ENCLOSURE AND TYPICAL WIRING DIAGRAM, TYPE III-B SERIES)

NO SCALE

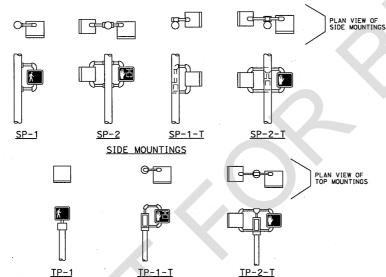
RSP ES-2E DATED APRIL 17, 2020 SUPERSEDES RSP ES-2E DATED OCTOBER 19, 2018 AND STANDARD PLAN ES-2E DATED MAY 31, 2018 - PAGE 482 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP ES-2E

REVISED STANDARD PLAN RSP ES-2E

2018

12-12-19



TOP MOUNTINGS PEDESTRIAN SIGNAL HEAD MOUNTINGS DETAIL A







PERSON WALKING INTERVAL FLASHING UPRAISED HAND INTERVAL STEADY UPRAISED HAND INTERVAL LED COUNTDOWN PEDESTRIAN SIGNAL FACE MODULE

DETAIL B

NOTES:

- Mounting shall be oriented to provide maximum horizontal clearance to adjacent roadway.
- 2. See Revised Standard Plan RSP ES-4D for attachment fittings details.

ABBREVIATIONS:

- 1, 2 NUMBER OF SIGNAL FACES
- SIDE MOUNTED PEDESTRIAN SIGNAL
- TERMINAL COMPARTMENT
- TOP MOUNTED PEDESTRIAN SIGNAL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (PEDESTRIAN SIGNAL HEADS)

NO SCALE

RSP ES-4B DATED OCTOBER 19, 2018 SUPERSEDES STANDARD PLAN ES-4B DATED MAY 31, 2018 - PAGE 500 OF THE STANDARD PLANS BOOK DATED 2018.

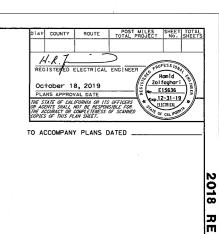
REVISED STANDARD PLAN RSP ES-4B

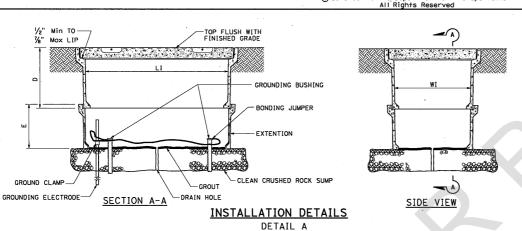
STANDARD

PLAN

RSP

m S-4B





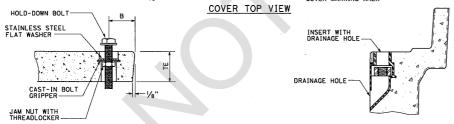
RECESS IN COVER FOR HARDWARE (TOTAL 2)

PULL SLOT WITH CENTER PIN

MANUFACTURER'S LOGO

LOAD RATING

COVER MARKING AREA



TYPICAL COVER CAPTIVE BOLT
OR SIMILAR

TYPICAL THREADED INSERT
OR SIMILAR

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	NOMINAL DIMENSIONS TABLE										
PULL BOX COVER											
PULL BOX TYPE	MINIMUM DEPTH BOX (D)	MINIMUM DEPTH EXTENSION (E)	MAXIMUM WEIGHT	Lī Miņ	WI Min	TE	В	L	w	MAXIMUM WEIGHT	
No. 31/2	12"	N/A	40 lb	1'-2%"	9"	15/6"-13/4"	1 3/4"	1'-31/4" - 1'-33/8"	10" - 101/8"	30 lb	
No. 5	12"	10"	65 lb	1' - 8"	11"	2"	1 3/4"	1'-111/4"	1'-13/4"	60 Ib	
No. 6	12"	10"	70 lb	2' - 41/4"	1' - 31/4"	2"	2"	2'-61/2"	1'-51/2"	95 Ib	

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (NON-TRAFFIC PULL BOX)

NO SCALE

RSP ES-8A DATED OCTOBER 18, 2019 SUPERSEDES STANDARD PLAN ES-8A DATED MAY 31, 2018 - PAGE 532 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP ES-8A

VISED

TANDARD

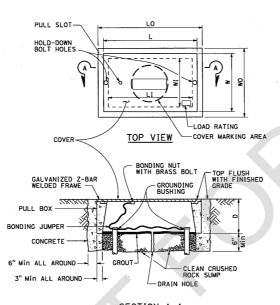
PLAN

RSP

ES-8A



TO ACCOMPANY PLANS DATED



 $\frac{\text{SECTION A-A}}{\text{SECTION A-A}}$

No. $3\frac{1}{2}$ (T), No. 5(T), AND No. 6(T)

TRAFFIC PULL BOX

	NOMINAL DIMENSIONS TABLE									
	PULL BOX COVER									
PULL BOX MINIMUM MINIMUM DEPTH LO LI WO WI L							w			
No. 31/2(T)	11/2"	1 '-0"	1'-10" - 1'-11"				1'-8" - 1'-81/2"			
No. 5(T)	1 3/4"	1'-0"	2'-5" - 2'-6"	2'-0" - 2'-1"	1'-6" - 1'-7"	1'-1" - 1'-2"	2'-3" - 2'-31/2"	1'-4" - 1'-41/2"		
No. 6(T)	2"	1'-0"	2'-11" - 3'-1"	2'-6" - 2'-7"	1'-10" - 2'-0"	1'-5" - 1'-6"	2'-9" - 2'-91/2"	1'-8" - 1'-81/2"		

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (TRAFFIC PULL BOX)

NO SCALE

RSP ES-8B DATED OCTOBER 18, 2019 SUPERSEDES STANDARD PLAN ES-8B DATED MAY 31, 2018 - PAGE 533 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP ES-8B

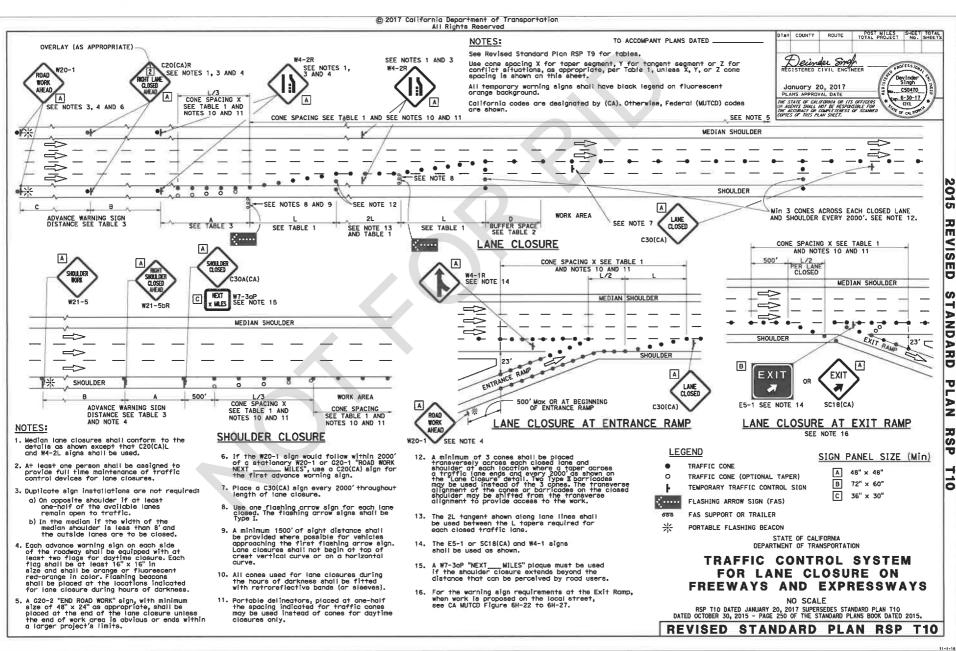
2018 REVISED

STANDARD

PLAN

RSP

ES-8B



TO ACCOMPANY PLANS DATED ..

TABLE 1

				RITERIA VICE SP			
		MINIMUM TAPER LENGTH * FOR WIDTH OF OFFSET 12 FEET (W)					LIZING ING
SPEED	TON WIL	DIN OF OR	13E1 12 1		×	Y	z **
(S)	TANGENT 2L	MERGING L	SHIFTING L/2	SHOULDER L/3	TAPER	TANGENT	CONFLICT
mph	ft	ft	f†	f†	f†	ft	f†
20	160	80	40	27	20	40	10
25	250	125	63	42	25	50	12
30	360	180	90	60	30	60	15
35	490	245	123	82	35	70	17
40	640	320	160	107	40	80	20
45	1080	540	270	180	45	90	22
50	1200	600	300	200	50	100	25
55	1320	660	330	220	50	100	25
60	1440	720	360	240	50	100	25
65	1560	780	390	260	50	100	25
70	1680	840	420	280	50	100	25
75	1800	900	450	300	50	100	25

* - For other offsets, use the following merging taper length formula for L: For speed of 40 mph or less, L = WS^2/60 For speed of 45 mph or more, L = WS

Where: L = Taper length in feet

W = Width of offset in feet

S = Posted speed limit, off-peck 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

** - Use for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers (CA).

TABLE 2

	DOWNGRADE MIN D ****								
SPEED *	Min D **	-3%	-6%	-9%					
mph	ft	f†	ft	f+					
20	115	116	120	126					
25	155	158	165	173					
30	200	205	215	227					
35	250	257	271	287					
40	305	315	333	354					
45	360	378	400	427					
50	425	446	474	507					
55	495	520	553	593					
60	570	598	638	686					
65	645	682	728	785					
70	730	771	825	891					
75	820	866	927	1003					

- Speed is posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph
- ** Longitudinal buffer space or flagger station spacing
- *** Use on sustained downgrade steeper than -3 percent and longer than 1 mile.

TABLE 3

ADVANCE WARNING SI	GN SPAC	ING							
DISTANCE BETWEEN SIGNS									
ROAD TYPE	A	В	С						
	ft	ft	ft						
URBAN - 25 mph OR LESS	100	100	100						
URBAN - MORE THAN 25 mph TO 40 mph	250	250	250						
URBAN - MORE THAN 40 mph	350	350	350						
RURAL	500	500	500						
EXPRESSWAY / FREEWAY	1000	1500	2640						

* - The distances are approximate, are intended for guidance purposes only, and should be applied with engineering judgment. These distances should be adjusted by the Engineer for field conditions, if necessary, by increasing or decreasing the recommended distances.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM TABLES FOR LANE AND RAMP CLOSURES

NO SCALE

RSP T9 DATED JANUARY 20, 2017 SUPERSEDES STANDARD PLAN T9
DATED OCTOBER 30, 2015 - PAGE 249 OF THE STANDARD PLANS BOOK DATED 2015.

REVISED STANDARD PLAN RSP T9

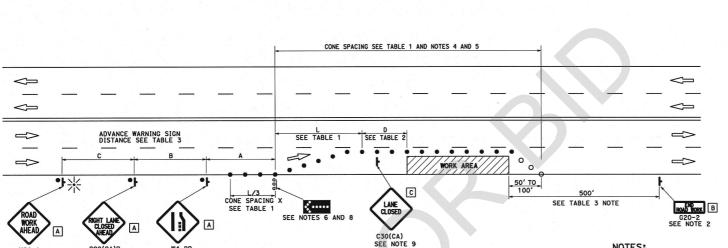
2015

REVISED

STANDARD

PLAN

RSP



TYPICAL LANE CLOSURE

Dist COUNTY ROUTE POST MILES SHEET TOTAL TOTAL PROJECT No. SHEETS Decinder Singh REGISTERED CIVIL ENGINEER Devinde Singh October 30, 2015 C50470 PLANS APPROVAL DATE n 6-30-17 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNEY COPIES OF THIS PLAN SHEET.

NOTES:

See Standard Plan T9 for tables.

Use cone spacing X for taper segment, Y for tangent segment or Z for confilct situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.

All temporary warning signs shall have black legend on fluorescent

California codes are designated by (CA). Otherwise, Federal (MUTCD) codes

LEGEND

SIGN PANEL SIZE (Min)

TRAFFIC CONE

- A 48" × 48"
- TRAFFIC CONE (OPTIONAL TAPER) TEMPORARY TRAFFIC CONTROL SIGN
- B 36" x 18" C 30" x 30"

FLASHING ARROW SIGN (FAS)

FAS SUPPORT OR TRAILER PORTABLE FLASHING BEACON

- bands (or sleeves).
- 11. At least one person shall be assigned to provide full time maintenance of traffic control devices for lane closure unless, otherwise directed by

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM FOR LANE CLOSURE ON **MULTILANE CONVENTIONAL** HIGHWAYS

NO SCALE

T11

015

STANDARD

PLAN

Return to Table of Contents

NOTES:

SEE NOTES 1

Each advance warning sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.

C20(CA)R

SEE NOTES 1 AND 10

- 2. A G20-2 "END ROAD WORK" sign, as appropriate, shall be placed at the end of the lane closure unless the end of work area is obvious, or ends within a larger project's limits.
- 3. If the W20-1 sign would follow within 2000' of a stationary W20-1 or G20-1 "ROAD WORK NEXT
 _____ MILES", use a C20(CA) sign for the first advance warning sign.
- 4. All cones used for lane closures during the hours of darkness shall be fitted with retroreflective
- 5. Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime closures only.

6. Flashing arrow sign shall be either Type I or Type II.

7. For approach speeds over 50 mph, use the "Traffic Control System for Lane Closure On Freeways And Expressways" plan for lane closure details and requirements.

A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at the top of crest vertical curve or on a horizontal

Place a C30(CA) sign every 2000' throughout length of lane closure.

Median lane closures shall conform to the details shown except that C2O(CA)L and W4-2L signs shall be used.

W4-2R

SEE NOTES 1 AND 10

