

INDEX OF PLANS

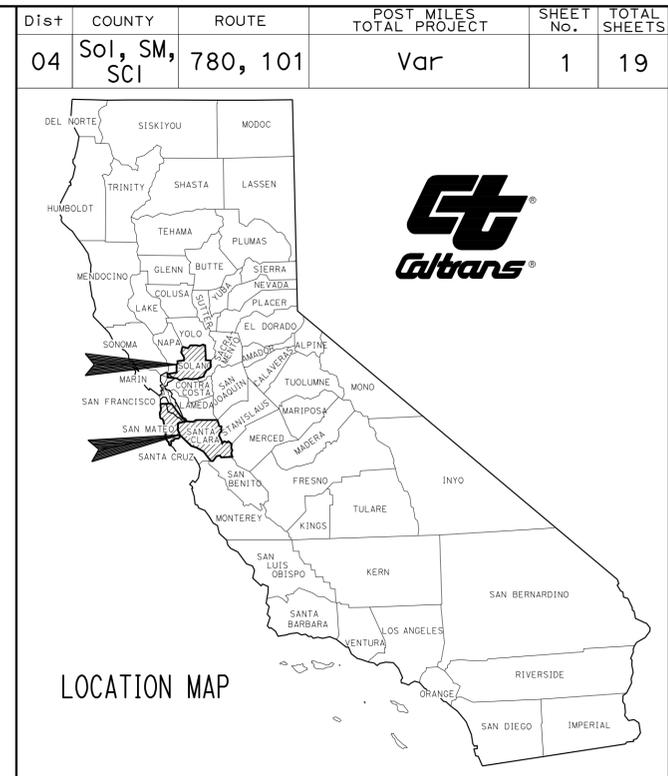
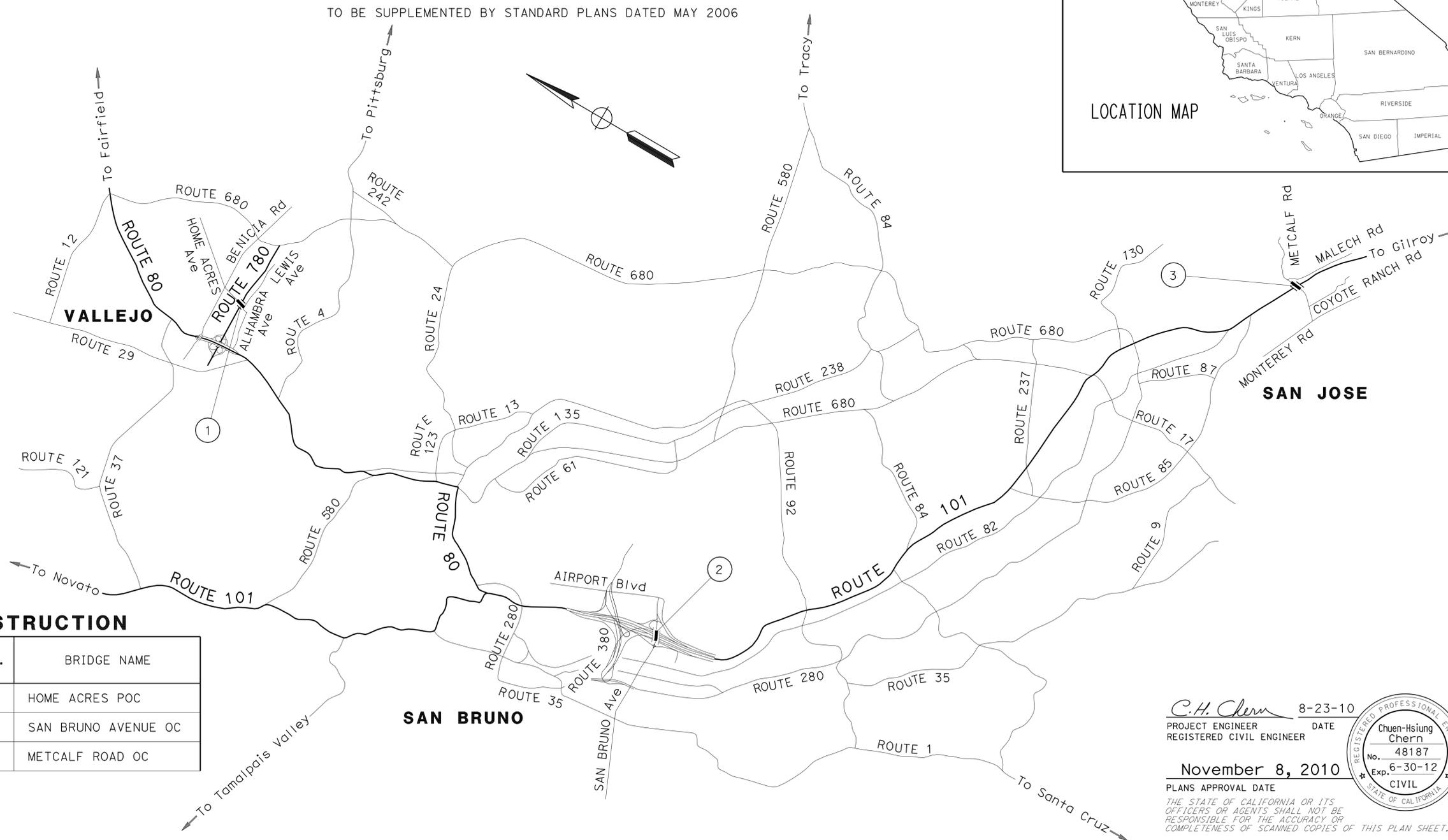
SHEET No.	DESCRIPTION
1	TITLE SHEET AND LOCATION MAP
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THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 PROJECT PLANS FOR CONSTRUCTION ON
 STATE HIGHWAY

IN SOLANO, SAN MATEO AND SANTA CLARA COUNTIES
 AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



LOCATIONS OF CONSTRUCTION

LOCATION	COUNTY	ROUTE	PM	BRIDGE No.	BRIDGE NAME
1	Sol	780	6.66	23-0133	HOME ACRES POC
2	SM	101	R20.39	35-0264	SAN BRUNO AVENUE OC
3	SCI	101	R25.31	37-0339	METCALF ROAD OC

C.H. Chern 8-23-10
 PROJECT ENGINEER DATE
 REGISTERED CIVIL ENGINEER



November 8, 2010
 PLANS APPROVAL DATE

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CONTRACT No.	04-1E6604
PROJECT ID	0400000566

NO SCALE

PROJECT MANAGER
 RAMSES SARGISS
 DESIGN ENGINEER
 CHUEN-HSIUNG CHERN

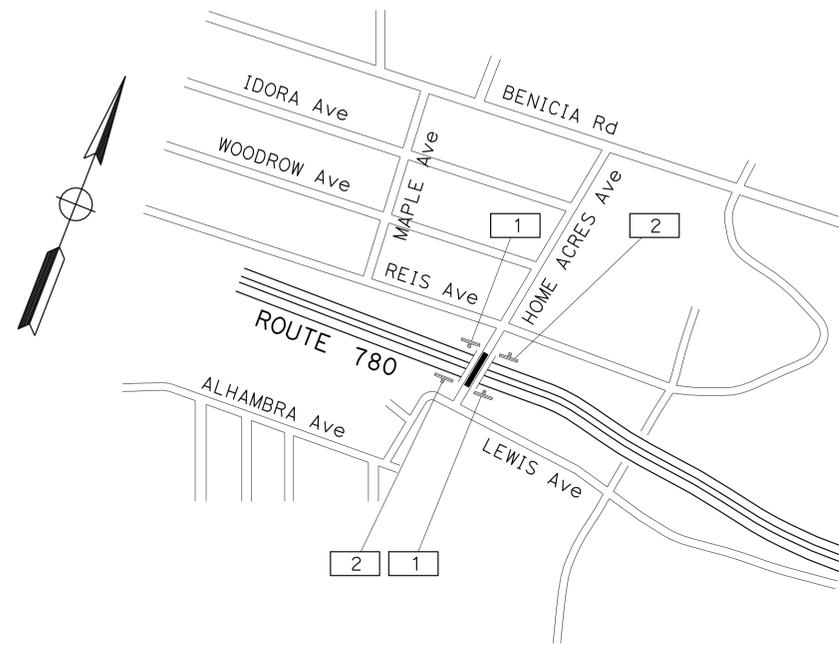
THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Sol, SM, SCI	780, 101	Var	2	19

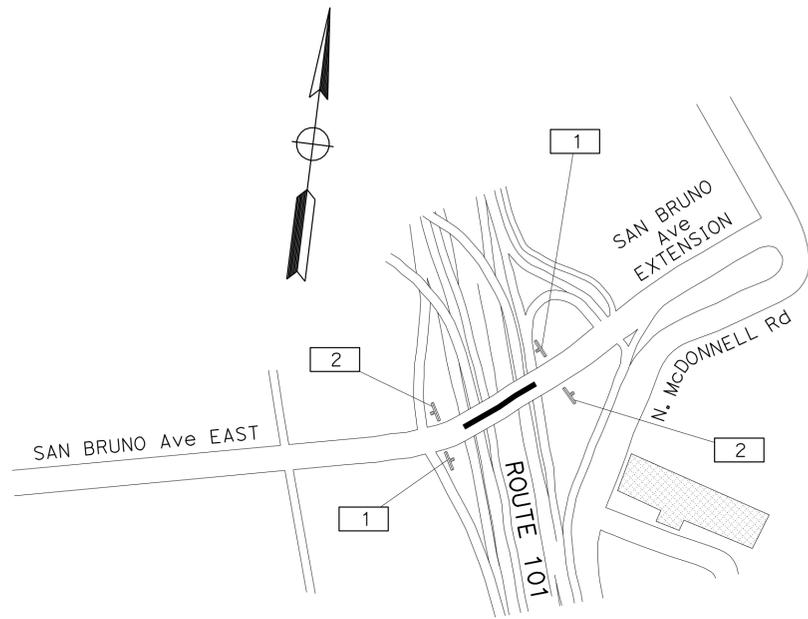
Jerilyn L. Struven 9-7-10
 REGISTERED CIVIL ENGINEER DATE
 11-8-10
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 No. 49964
 Exp. 2-31-10
 CIVIL
 STATE OF CALIFORNIA

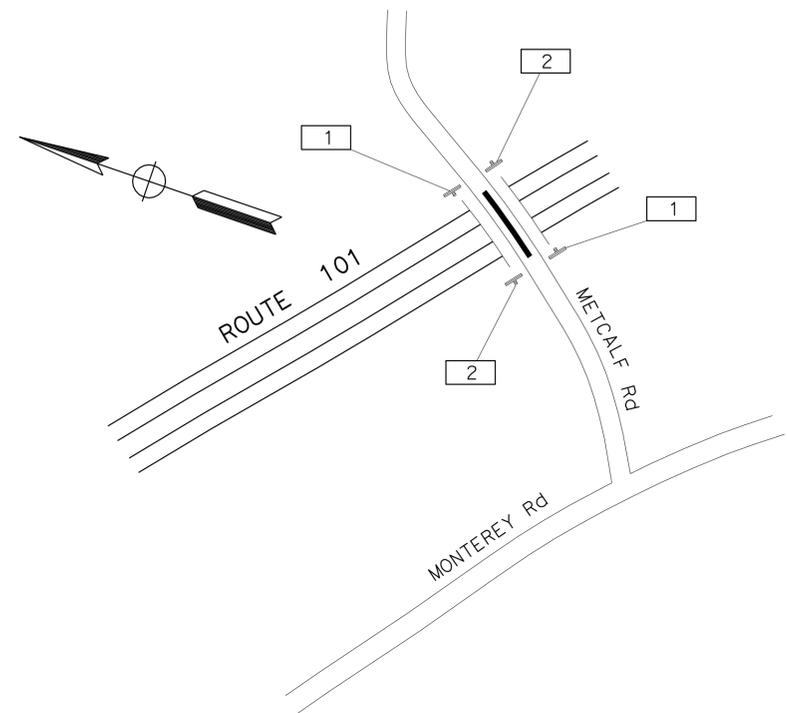
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HOME ACRES Ave POC
LOCATION ①



SAN BRUNO Ave OC
LOCATION ②



METCALF Rd OC
LOCATION ③

LEGEND:

- ✕ ROAD CLOSURE
- DIRECTION OF TRAFFIC
- ☐ No. CONSTRUCTION AREA SIGNS

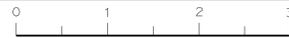
NOTES:

1. EXACT LOCATION AND POSITION OF CONSTRUCTION AREA SIGNS TO BE DETERMINED BY THE ENGINEER.
2. CONSTRUCTION AREA SIGNS TO BE STATIONARY MOUNTED.

CONSTRUCTION AREA SIGNS
NO SCALE

CS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISOR	DATE
Caltrans	JERILYN L. STRUVEN	SHARI TALAI	
TRAFFIC	JERILYN L. STRUVEN	JERILYN L. STRUVEN	
	CHECKED BY	REVISOR	DATE
		SHARI TALAI	
	DESIGNED BY		



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 FUNCTIONAL SUPERVISOR: JERILYN L. STRUVEN
 CALCULATED/DESIGNED BY: SHARI TALAI
 CHECKED BY: JERILYN L. STRUVEN
 REVISED BY: SHARI TALAI
 DATE REVISED: JERILYN L. STRUVEN

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Sol, SM, SCI	780, 101	Var	3	19

REGISTERED CIVIL ENGINEER: Jerilyn L. Struven
 No. 49964
 Exp. 2-31-10
 DATE: 9-7-10
 PLANS APPROVAL DATE: 11-8-10

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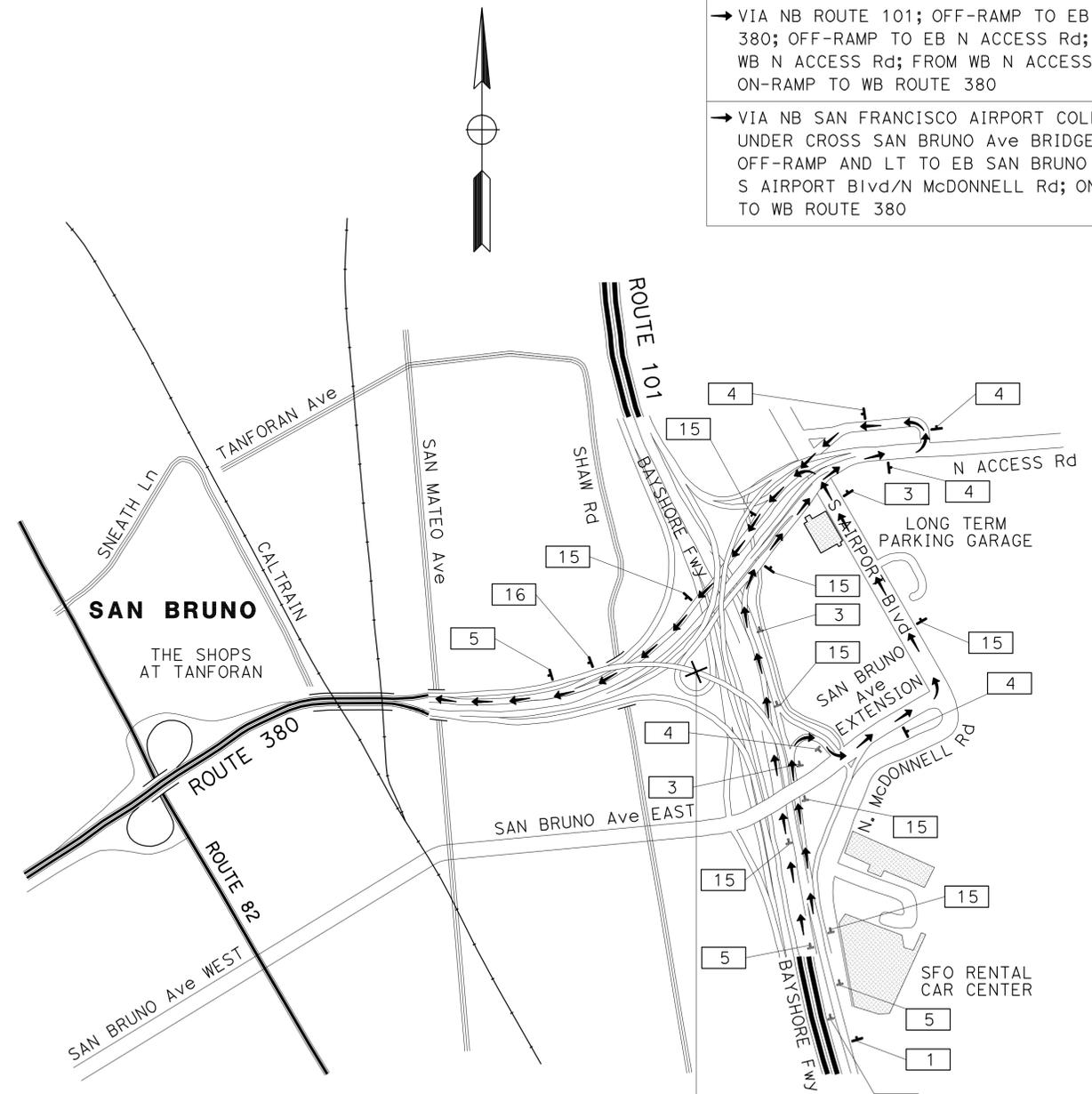
DETOUR

→ VIA NB ROUTE 101; OFF-RAMP TO EB ROUTE 380; OFF-RAMP TO EB N ACCESS Rd; LT TO WB N ACCESS Rd; FROM WB N ACCESS Rd ON-RAMP TO WB ROUTE 380

→ VIA NB SAN FRANCISCO AIRPORT COLLECTOR; UNDER CROSS SAN BRUNO Ave BRIDGE; LOOP OFF-RAMP AND LT TO EB SAN BRUNO Ave; NB S AIRPORT Blvd/N McDONNELL Rd; ON-RAMP TO WB ROUTE 380

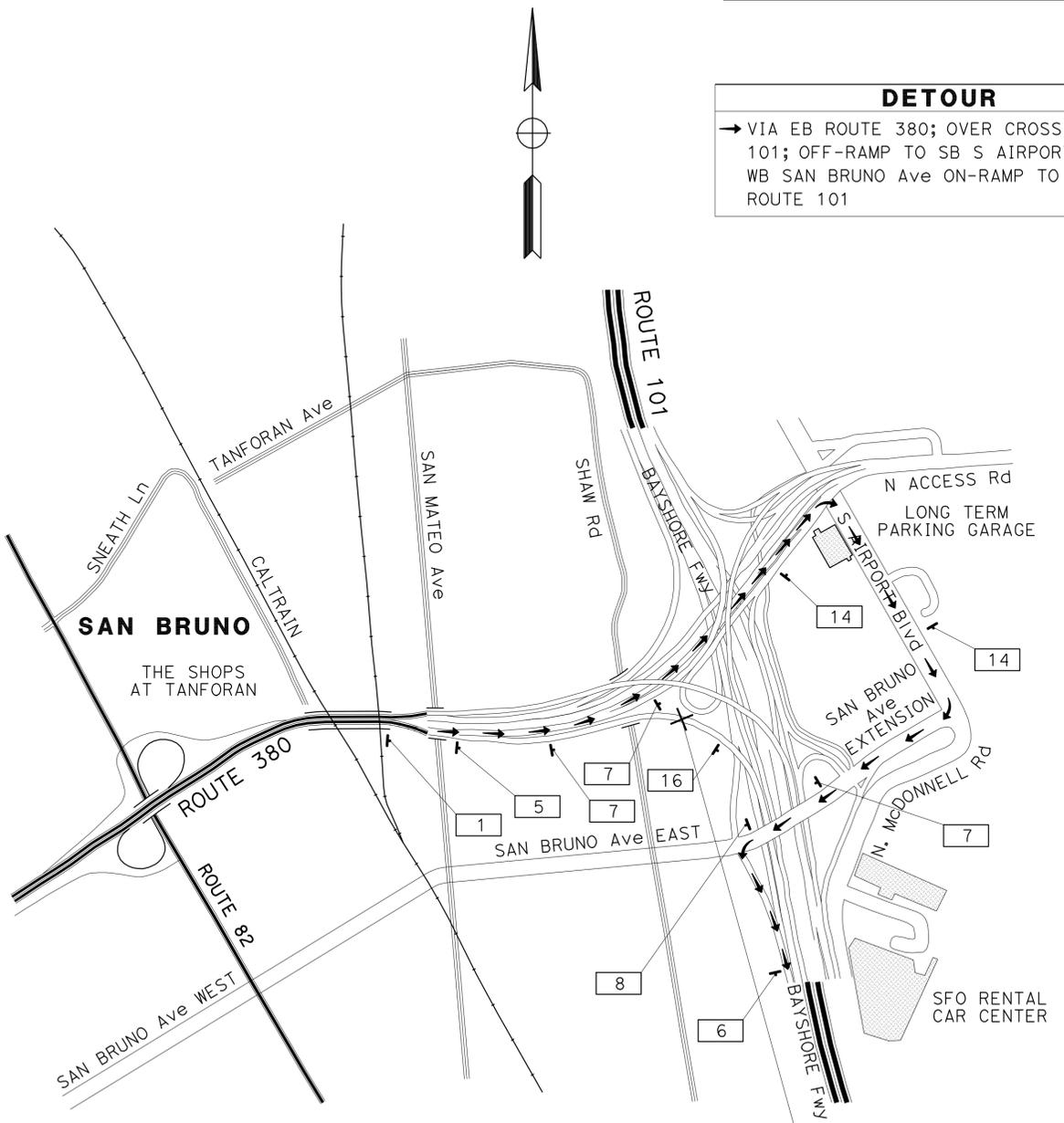
DETOUR

→ VIA EB ROUTE 380; OVER CROSS ROUTE 101; OFF-RAMP TO SB S AIRPORT Blvd; WB SAN BRUNO Ave ON-RAMP TO SB ROUTE 101



DETOUR PLAN #1
 NB ROUTE 101/SAN FRANCISCO AIRPORT COLLECTOR OFF-RAMP TO WB ROUTE 380 CLOSURE
 4-SM-101-R 20.39
 4-609-1E6601
 BRIDGE PRESERVATION

NB ROUTE 101/SAN FRANCISCO AIRPORT COLLECTOR OFF-RAMP TO WB ROUTE 380 CLOSED



DETOUR PLAN #2
 SB ROUTE 101 ON-RAMP FROM EB ROUTE 380 CLOSURE
 4-SM-101-R 20.39
 4-609-1E6601
 BRIDGE PRESERVATION

SB ROUTE 101 ON-RAMP FROM EB ROUTE 380 CLOSED

FOR NOTES AND LEGEND, SEE SHEET CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS
 NO SCALE

CS-2

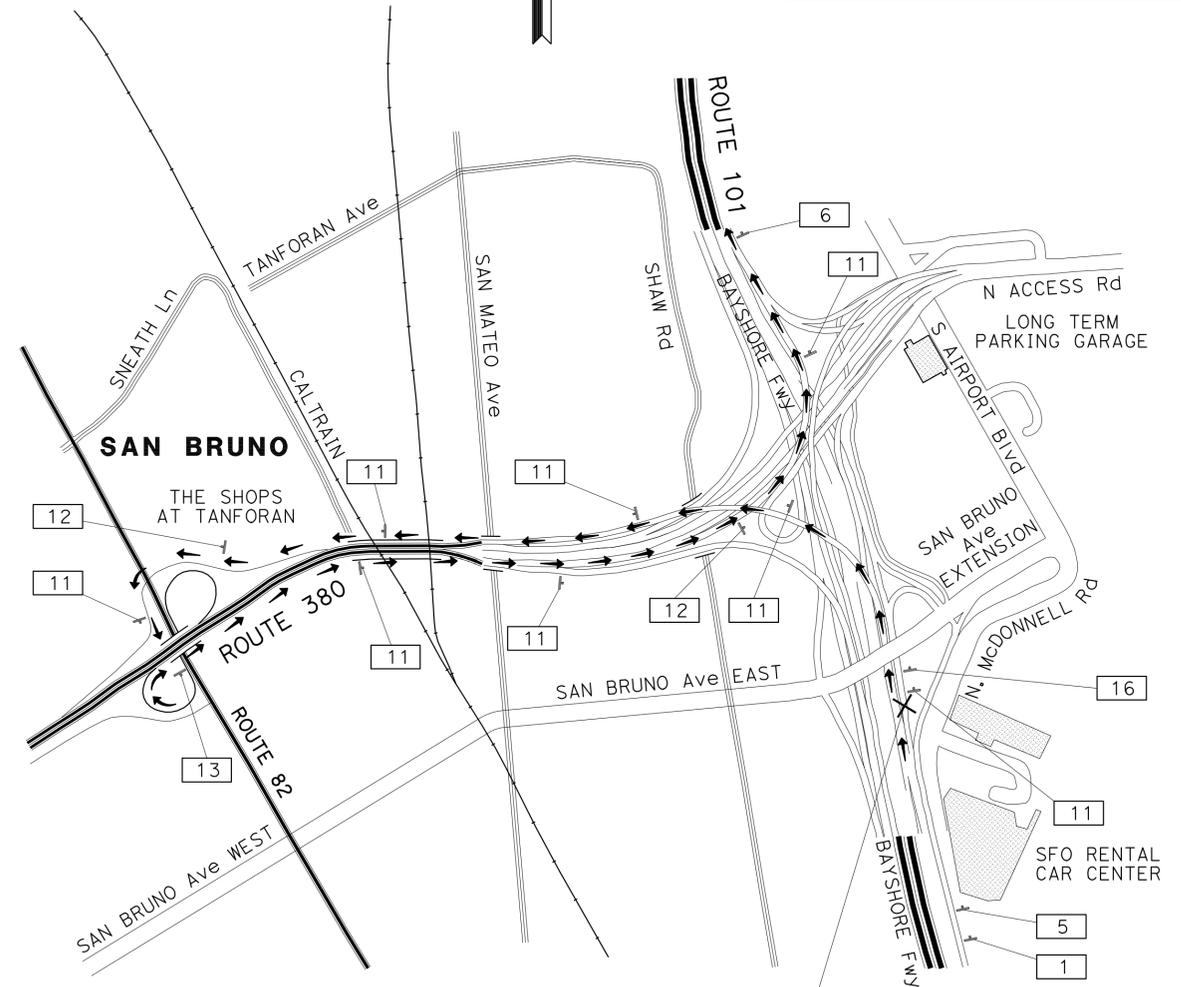
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 TRAFFIC

FUNCTIONAL SUPERVISOR	JERILYN L. STRUVEN
CALCULATED/DESIGNED BY	CHECKED BY
SHARI TALAI	JERILYN L. STRUVEN
REVISED BY	DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Sol, SM, SCI	780, 101	Var	4	19
 REGISTERED CIVIL ENGINEER DATE 9-7-10					
11-8-10 PLANS APPROVAL DATE					
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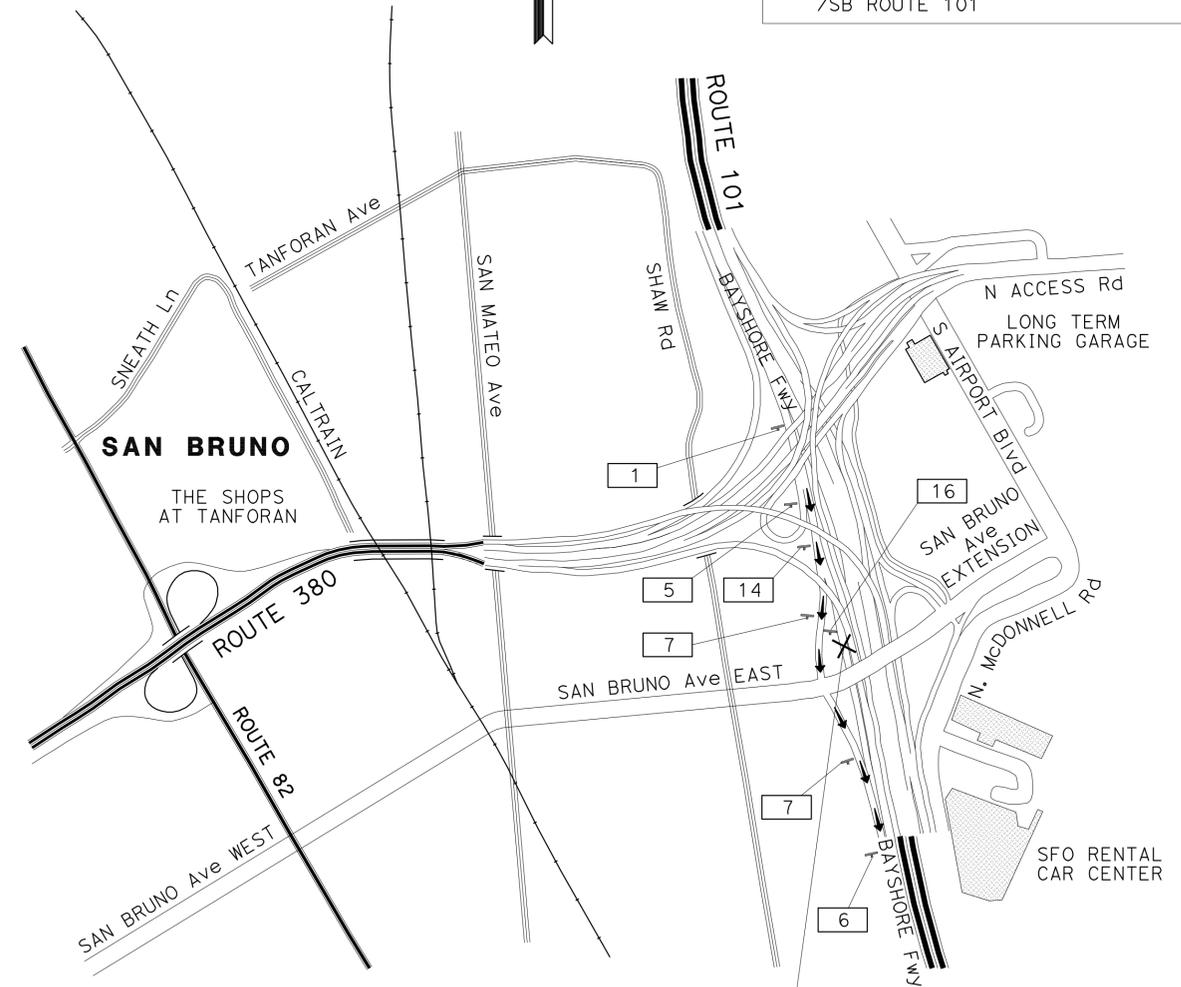
DETOUR
 → VIA NB SAN FRANCISCO AIRPORT COLLECTOR;
 OFF-RAMP TO WB ROUTE 380; OFF-RAMP TO
 SB ROUTE 82/EL CAMINO REAL; LOOP ON-RAMP
 TO EB ROUTE 380; OFF-RAMP TO NB ROUTE 101

DETOUR
 → VIA SB ROUTE 101 OFF-RAMP; RIGHT
 SEGMENT TO SAN BRUNO Ave;
 ACROSS SAN BRUNO Ave AND ON-RAMP
 TO SAN FRANCISCO AIRPORT COLLECTOR
 /SB ROUTE 101



DETOUR PLAN #3
 NB ROUTE 101 ON-RAMP FROM
 NB SAN FRANCISCO AIRPORT
 COLLECTOR
 CLOSURE
 4-SM-101-R 20.39
 4-609-1E6601
 BRIDGE PRESERVATION

NB ROUTE 101 ON-RAMP FROM
 NB SAN FRANCISCO AIRPORT
 COLLECTOR
 CLOSED



DETOUR PLAN #4
 SB ROUTE 101 OFF-RAMP
 TO SAN FRANCISCO AIRPORT
 COLLECTOR
 CLOSURE
 4-SM-101-R 20.39
 4-609-1E6601
 BRIDGE PRESERVATION

SB ROUTE 101 OFF-RAMP
 TO SAN FRANCISCO AIRPORT
 COLLECTOR
 CLOSED

FOR NOTES AND LEGEND,
 SEE SHEET CS-1

THIS PLAN ACCURATE FOR
 CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS
 NO SCALE

CS-3

FUNCTIONAL SUPERVISOR
 JERILYN L. STRUVEN

CALCULATED/DESIGNED BY
 CHECKED BY

REVISOR BY
 SHARI TALAI
 DATE REVISION
 JERILYN L. STRUVEN

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Sol, SM, SCI	780, 101	Var	5	19

Jerilyn L. Struven 9-7-10
 REGISTERED CIVIL ENGINEER DATE
 11-8-10
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 No. 49964
 Exp. 2-31-10
 CIVIL
 STATE OF CALIFORNIA

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CONSTRUCTION AREA SIGNS

SIGN No.	MUTCD CODE	SIGN MESSAGE	PANEL SIZE (INCH X INCH)	No. OF POSTS & SIZE (EA-INCHxINCH)	QUANTITY EA	REMARKS
1	W20-1	ROAD WORK AHEAD	48 x 48	1-4 x 6	10	
2	G20-2	END ROAD WORK	48 x 24	1-4 x 4	6	
3	M4-10 (R+)	DETOUR (RIGHT)	48 x 18	1-4 x 6	1	
	G27-2(380) (CA)	ROUTE SHIELD	30 x 25			
	M3-4	WEST	21 x 9			
4	M4-10 (L+)	DETOUR (LEFT)	48 x 18	1-4 x 6	5	
	G27-2(380) (CA)	ROUTE SHIELD	30 x 25			
	M3-4	WEST	21 x 9			
5	W20-2	DETOUR AHEAD	48 x 48	1-4 x 6	5	
6	M4-8	END DETOUR	36 x 18	1-4 x 4	3	
7	SC3(CA)(↑)	DETOUR (STRAIGHT)	48 x 18	1-4 x 6	5	
	G26-2(101) (CA)	ROUTE SHIELD	28 x 24			
	M3-3	SOUTH	21 x 9			
8	M4-10 (L+)	DETOUR (LEFT)	48 x 18	1-4 x 6	1	
	G26-2(101) (CA)	ROUTE SHIELD	28 x 24			
	M3-3	SOUTH	21 x 9			
11	SC3(CA)(↑)	DETOUR (STRAIGHT)	48 x 48	1-4 x 6	8	
	G26-2(101) (CA)	ROUTE SHIELD	28 x 18			
	M3-1	NORTH	21 x 9			
12	M4-10 (L+)	DETOUR (LEFT)	48 x 18	4 x 6	2	
	G26-2(101) (CA)	ROUTE SHIELD	28 x 24			
	M3-1	NORTH	21 x 9			
13	M4-8	DETOUR	21 x 9	1-4 x 6	1	
	G26-2(101) (CA)	ROUTE SHIELD	28 x 24			
	M3-1	NORTH	21 x 9			
14	M6-2(↗)	DETOUR (DIAGONAL ARROW)	21 x 15	1-4 x 6	3	
	M4-10 (R+)	DETOUR (RIGHT)	48 x 18			
	G26-2(101) (CA)	ROUTE SHIELD	28 x 24			
15	M3-3	SOUTH	21 x 9	1-4 x 6	8	
	SC3(CA)(↑)	DETOUR (STRAIGHT)	48 x 18			
	G27-2(380) (CA)	ROUTE SHIELD	30 x 25			
16	M3-4	WEST	21 x 9	2-4 x 4	4	
	SC6-4(CA)	RAMP CLOSED	48 x 60			

FOR NOTES AND LEGEND, SEE SHEET CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS
 NO SCALE

CS-4

ELECTROLIERS

STANDARD TYPES	Symbol	Description
15, 15D		High mast light pole
15 STRUCTURE		Double Arm lighting standard
21, 21D STRUCTURE		Existing electrolier
30		Electrolier foundation (Future installation)
31		NOTES: 1. Luminaires shall be 310 W HPS when installed on Type 21, 21D, 30, 31, 32, 35 and 36-20A Standards, unless otherwise specified. Luminaires shall be 200 W HPS when installed on other type standards or poles, unless otherwise specified. 2. Luminaires shall be the cutoff type, ANSI Type III medium cutoff lighting distribution, unless otherwise specified. 3. Variations noted adjacent to symbol on project plans.
32		
35		
36-20A		

- Electrolier (see project notes or project plans)
- Luminaire on wood pole

STANDARD NOTES:

- AB** Abandon. If applied to conduit, remove conductors.
- BC** Install pull box in existing conduit run.
- BP** Pedestrian barricade, type as indicated on plan.
- CB** Install conduit into existing pull box.
- CC** Connect new and existing conduit. Remove existing conductors and install conductors as indicated.
- CF** Conduit to remain for future use. Remove conductors. Install pull wire or rope.
- DH** Detector handhole.
- FA** Foundation to be abandoned.
- IS** Install sign on signal mast arm.
- NS** No slip base on standard.
- PEC** Photoelectric control.
- PEU** Photoelectric unit.
- RC** Equipment or material to be removed and become the property of the Contractor.
- RE** Remove electrolier, fuses and ballast. Tape ends of conductors.
- RL** Relocate equipment.
- RR** Remove and reuse equipment.
- RS** Remove and salvage equipment.
- SC** Splice new to existing conductors.
- SD** Service disconnect.
- SF** Standard to remain for future use. Remove luminaire, pole conductors, fuses and ballast.
- TSP** Telephone service point.

ABBREVIATIONS AND EQUIPMENT DESIGNATIONS

PROPOSED EXISTING

BBS	bbs	Battery backup system
BC	bc	Bolt circle
C	C	Conduit
CCTV	cctv	Closed circuit television
CKT	ckt	Circuit
CMS	cms	Changeable message sign
DLC	dlc	Loop detector lead-in cable
EMS	ems	Extinguishable message sign
EVC	evc	Emergency vehicle cable
EVD	evd	Emergency vehicle detector
FB	fb	Flashing beacon
FBCA	fbca	Flashing beacon control assembly
FBS	fbs	Flashing beacon with slip base
FO	fo	Fiber optic
G	G	Ground (Equipment Grounding Conductor)
GFCI	GFCI	Ground fault circuit interrupt
HAR	har	Highway advisory radio
HEX	hex	Hexagonal
HPS	hps	High pressure sodium
IISNS	iisns	Internally illuminated street name sign
ISL	isl	Induction sign lighting
LED	led	Light emitting diode
LMA	lma	Luminaire mast arm
LPS	lps	Low pressure sodium
LTG	ltg	Lighting
LUM	lum	Luminaire
MAT	mat	Mast arm mounting vehicle signal faces, top attachment
MAS	mas	Mast arm mounting vehicle signal faces, side attachment
MAS-4A	mas-4A	Mast arm mounting vehicle signal faces, side attachment - 4 signal section
MAS-4B	mas-4B	
MAS-4C	mas-4C	
MAS-5A	mas-5A	Mast arm mounting vehicle signal faces, side attachment - 5 signal section
MAS-5B	mas-5B	
MC	mc	Mercury contactor
M/M	m/m	Multiple to multiple transformer
MT	mt	Conduit with pull wire or rope only
MTG	mtg	Mounting
	mv	Mercury vapor lighting fixture
N	N	Neutral (Grounded Conductor)
NC	NC	Normally closed
NO	NO	Normally open
PB	pb	Pull box
PEC	pec	Photoelectric control (Type I, II, III, IV or V as shown)
PED	ped	Pedestrian
PEU	peu	Photoelectric unit
PPB	ppb	Pedestrian push button
RL		Relocated equipment
RM	rm	Ramp metering
SB	sb	Slip base
SIC	sic	Signal interconnect cable
SIG	sig	Signal
SMA	sma	Signal mast arm
SNS	sns	Street name sign
SP	sp	Service point
TDC	tdc	Telephone demarcation cabinet
TMS	tms	Traffic monitoring station
TOS	tos	Traffic Operations System
VEH	veh	Vehicle
XFMR	xfmr	Transformer
COMM	comm	Communication
RWIS	rwis	Roadway weather information system

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Sol, SM SCI	780,101	Var	6	19

REGISTERED ELECTRICAL ENGINEER
 October 5, 2007
 PLANS APPROVAL DATE

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To accompany plans dated 11-8-10

SOFFIT AND WALL MOUNTED LUMINAIRES

- Pendant, 70 W HPS unless otherwise specified.
- Flush, 70 W HPS unless otherwise specified.
- Wall surface, 70 W HPS unless otherwise specified.
- Existing soffit or wall luminaire to remain unmodified.
- Existing soffit or wall luminaire to be modified as specified.

NOTE:

Arrow indicates "street side" of luminaire.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
(SYMBOLS AND ABBREVIATIONS)**

NO SCALE

RSP ES-1A DATED OCTOBER 5, 2007 SUPERSEDES STANDARD PLAN ES-1A
DATED MAY 1, 2006 - PAGE 400 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1A

2006 REVISED STANDARD PLAN RSP ES-1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	San Joaquin	780,101	Var	7	19

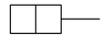
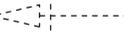
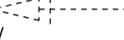
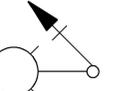
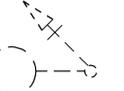
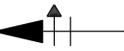
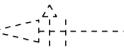
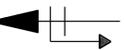
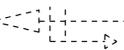
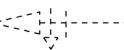
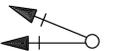
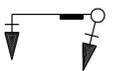
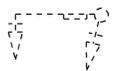
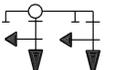
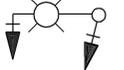
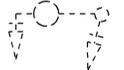
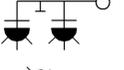
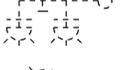
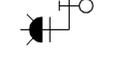
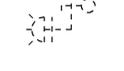
Jeffrey G. McRae
 REGISTERED ELECTRICAL ENGINEER
 October 5, 2007
 PLANS APPROVAL DATE
 Jeffrey G. McRae
 No. E14512
 Exp. 6-30-08
 ELECTRICAL
 STATE OF CALIFORNIA

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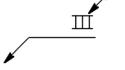
CONDUIT

PROPOSED	EXISTING	
---	---	Lighting Conduit, unless otherwise indicated or noted
---	---	Traffic signal conduit
-C-	-c-	Communication conduit
-T-	-t-	Telephone conduit
-F-	-f-	Fire alarm conduit
-FO-	-fo-	Fiber optic conduit
---	---	Conduit termination 
		Conduit riser in/on structure or service pole

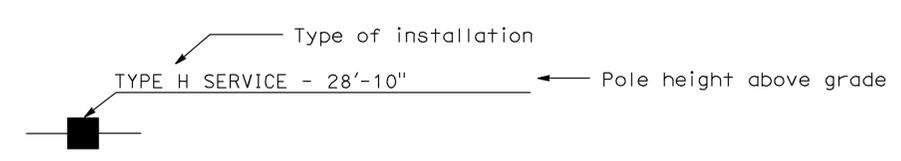
SIGNAL EQUIPMENT

PROPOSED	EXISTING	
		Pedestrian signal face
		Pedestrian push button post
		Pedestrian barricade
		Vehicle signal face (with backplate, 3-Section: red, yellow and green)
		Vehicle signal face with angle visors
		Modifications of basic symbols: "L" Indicates all non-arrow sections louvered "LG" Indicates louvered green section only "PV" Indicates 12" programmed visibility sections "8" indicates all 8" sections (only when specified)
		Type 15TS and Vehicle signal face
		Vehicle signal face with red, yellow and green left arrow sections
		Vehicle signal face with red and yellow sections and up green arrow
		Vehicle signal face (5 Section) with red, yellow and green sections and yellow and green right arrows
		Type 1 Standard and attached vehicle signal faces
		Standard with signal mast arm only and attached vehicle signal faces and internally illuminated street name sign
		Type 33 Standard, Left-turn vehicle signal face and sign
		Standard with luminaire and signal mast arms and attached vehicle signal faces
		Cantilever flashing beacon, Type 9 Frame, with a sign unless otherwise specified or indicated
		Type 15-FBS Standard with two vehicle signal face sections with lens, backplate and visor with a sign
		Flashing beacon. One vehicle signal face section with lens, backplate and visor. "R" indicates red indication, "Y" indicates yellow indication
		Controller assembly. Door indicates front of cabinet

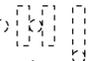
SERVICE EQUIPMENT

PROPOSED	EXISTING	
---OH---	---oh---	Overhead lines
		Wood pole "U" indicates utility owned
		Pole guy with anchor
		Utility transformer - ground mounted
		Service equipment enclosure type
		Service equipment enclosure door indicates front of enclosure
		Telephone demarcation cabinet

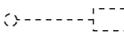
POLE-MOUNTED SERVICE DESIGNATION



ILLUMINATED OVERHEAD SIGN

PROPOSED	EXISTING	
		Overhead sign - Single post
		Overhead sign - Two post
		Overhead sign - Mounted on structure
		Overhead sign with electrolier

SIGNAL EQUIPMENT Cont

PROPOSED	EXISTING	
		Guard post
		Type 1 Standard with "Meter On" sign
		Emergency Vehicle detector

NOTES:

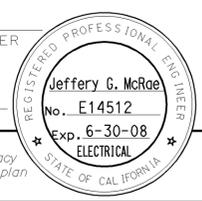
- All signal sections shall be 12" unless shown otherwise.
- Signal heads shall be provided with backplates unless shown otherwise.
- Signal indication shall be LED.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
 (SYMBOLS AND ABBREVIATIONS)**
 NO SCALE

RSP ES-1B DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-1B
 DATED MAY 1, 2006 - PAGE 401 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1B

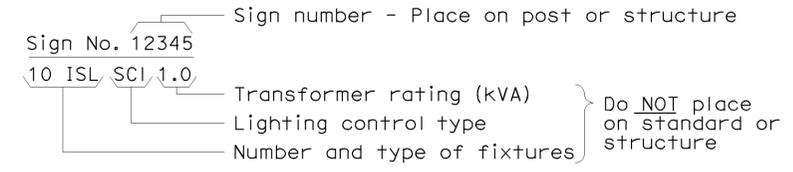
2006 REVISED STANDARD PLAN RSP ES-1B



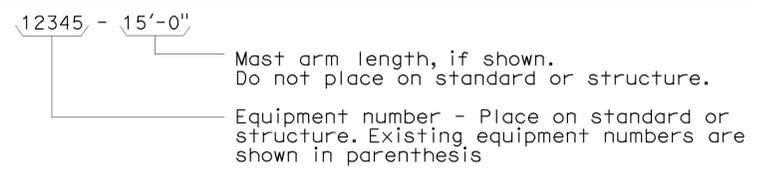
To accompany plans dated 11-8-10

EQUIPMENT IDENTIFICATION

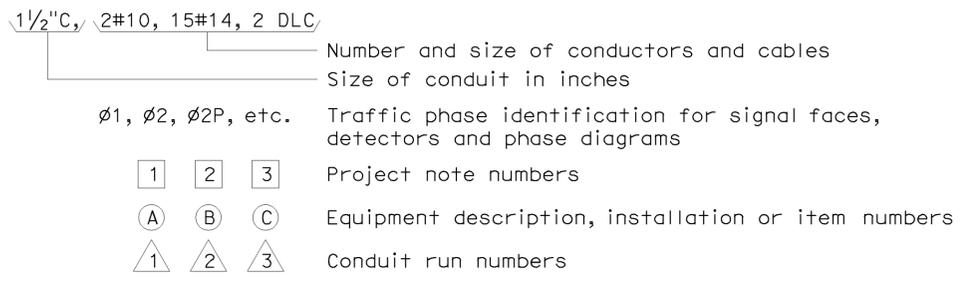
ILLUMINATED SIGN IDENTIFICATION NUMBER:



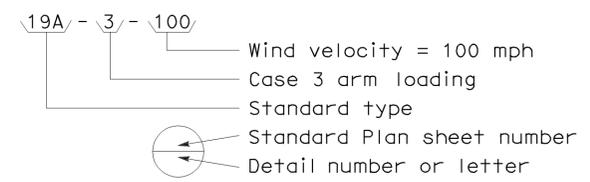
ELECTROLIER OR EQUIPMENT IDENTIFICATION NUMBER:



CONDUIT AND CONDUCTOR IDENTIFICATION:



SIGNAL AND LIGHTING STANDARD (TYPICAL DESIGNATION):



MISCELLANEOUS EQUIPMENT

PROPOSED	EXISTING	
		Changeable message sign
		Closed circuit television camera
		Highway advisory radio pole and antenna
		Extinguishable message sign
		Detection device M = Microwave sensor V = Video image sensor

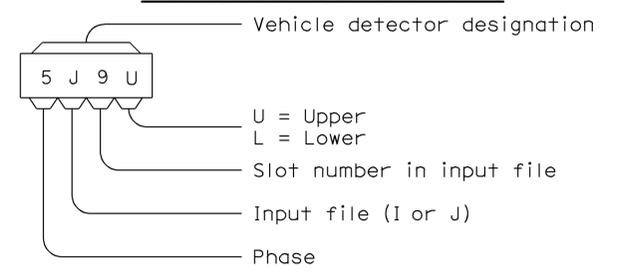
WIRING DIAGRAM LEGEND

P Pole	External conductor
CB Circuit breaker	Conductor or bus
A Ampere	Tie point
V Volt	Contactor coil
M Metered	Contactor, Contact NO
UM Unmetered	Terminal blocks
NB Neutral bus	Contactor, Contact NC
GB Ground bus	Enclosure bond
G Equipment grounding conductor	Grounding electrode
N Grounded conductor (Neutral)	Circuit breaker
	Receptacle

PULL BOXES

PROPOSED	EXISTING	
		Pull box-No. 5 unless otherwise indicated or noted.
		Pull box-Additional designations or descriptions
3 = No. 3 1/2 pull box		(C) = Communications pull box
5 = No. 5 pull box		(E) = Pull box with extension
6 = No. 6 pull box		(S) = Sprinkler control pull box
7 = No. 7 (Ceiling pull box)		(21) = Anchor bolts and conduit for future installation of Type 21 Standard
8 = No. 8 (Pendant soffit pull box)		(T) = Traffic pull box
9 = No. 9 pull box		
9A = No. 9A pull box		

VEHICLE DETECTORS

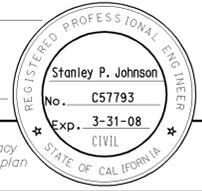


PROPOSED	EXISTING	
		Type A detector loop. Outline of sawcut shown.
		Type B detector loop. Outline of sawcut shown.
		Type C detector loop. Outline of sawcut shown.
		Type D detector loop. Outline of sawcut shown.
		Type E detector loop. Outline of sawcut shown.
		Type Q detector loop. Outline of sawcut shown.
		Magnetic detector
		Detector handhole
		Microwave or video detection zone

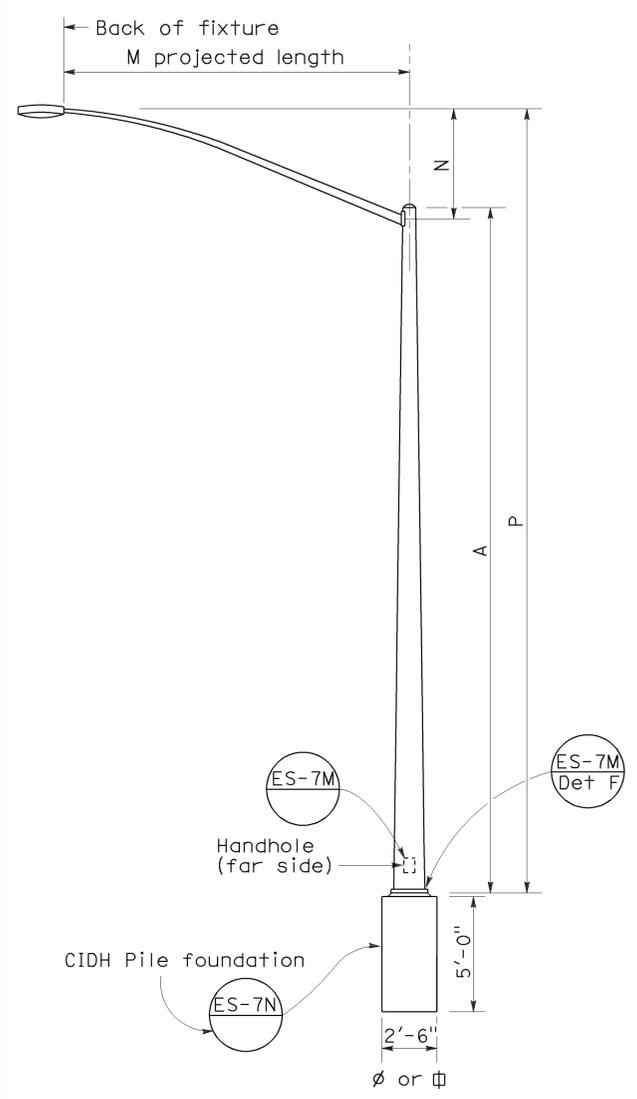
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
ELECTRICAL SYSTEMS
(SYMBOLS AND ABBREVIATIONS)
NO SCALE

RSP ES-1C DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-1C
DATED MAY 1, 2006 - PAGE 402 OF THE STANDARD PLANS BOOK DATED MAY 2006.

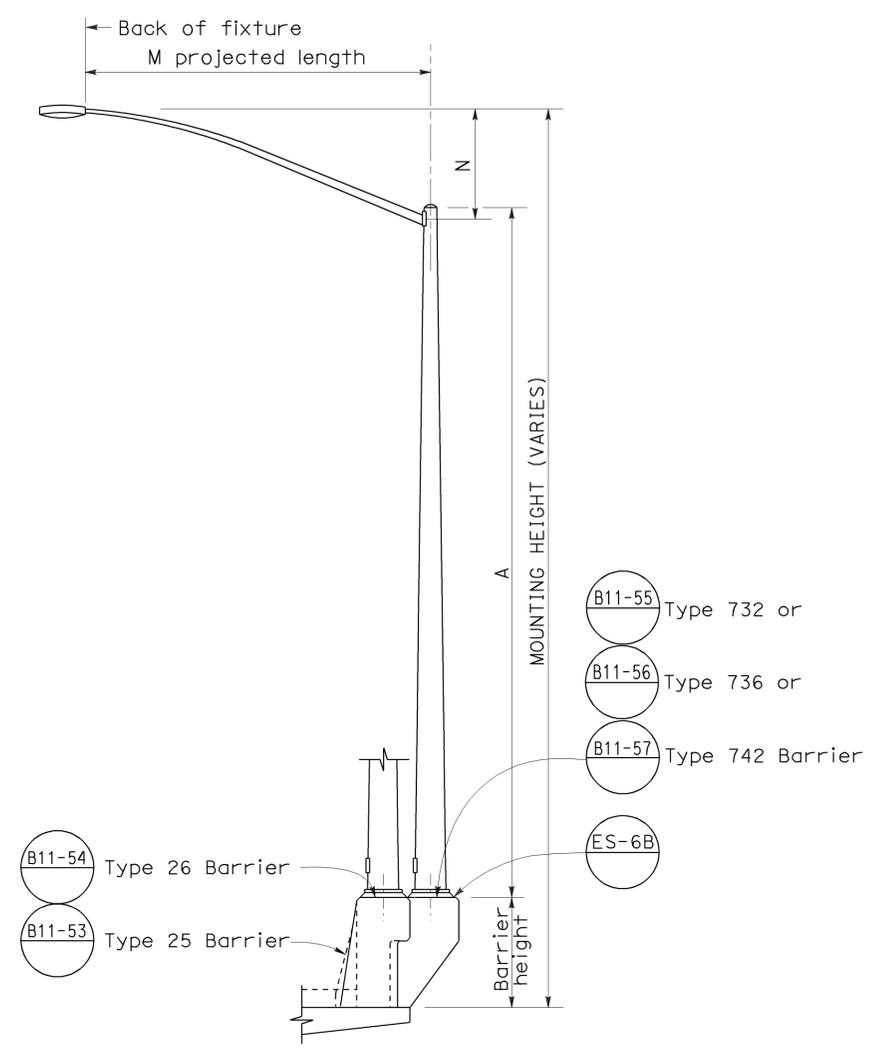
2006 REVISED STANDARD PLAN RSP ES-1C



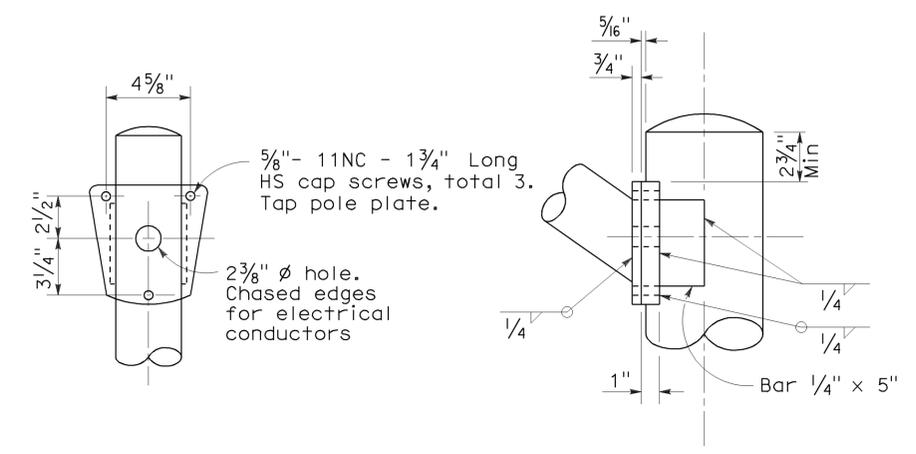
To accompany plans dated 11-8-10



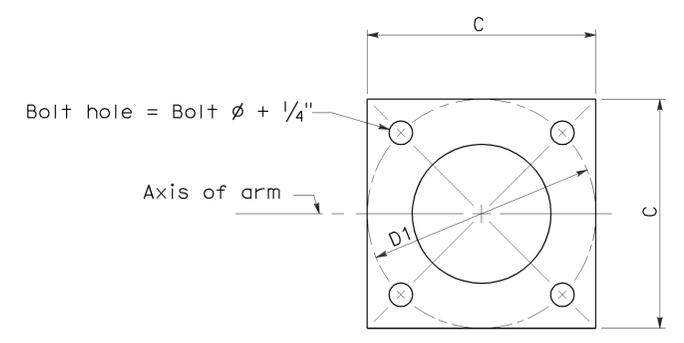
ELEVATION
TYPE 15 AND TYPE 21



ELEVATION
TYPE 15 AND TYPE 21 BARRIER RAIL MOUNTED



DETAIL R
LUMINAIRE ARM CONNECTION



BASE PLATE

POLE TYPE	POLE DATA				BASE PLATE DATA				LUMINAIRE ARM
	A Height	Min OD Base	Min OD Top	Wall Thickness	C	D1 Bolt Circle	Thick-ness	Anchor Bolts Size	
15	30'	8"	3 7/8"	0.1196"	1'-0"	1'-0"	1"	1" ϕ x 3'-0" x 4"*	6' - 15' 12'
21	35'	8 5/8"	3 7/8"	0.1196"	1'-0"	1'-0"	1"	1 1/4" ϕ x 3'-0" x 4"*	6' - 15' 12'

M Projected Length	N Rise	Min OD At Pole	Nominal Thickness	LUMINAIRE ARM DATA	
				Type 15	Type 21
6'-0"	2'-0"±	3/4"	0.1196"	31'-6"±	36'-6"±
8'-0"	2'-6"±	3/2"	0.1196"	32'-0"±	37'-0"±
10'-0"	3'-3"±	3 3/8"	0.1196"	32'-9"±	37'-9"±
12'-0"	4'-3"±	3 7/8"	0.1196"	33'-9"±	38'-9"±
15'-0"	4'-9"±	4 1/4"	0.1196"	34'-3"±	39'-3"±

* For barrier rail bolts, see Standard Plan ES-6B.

NOTES:

- Indicates arm length to be used unless otherwise noted on the plans.
- For Type 15-SB, use Type 15 standard with Type 30 slip base plate details, see Standard Plan ES-6F.
- For additional notes, see Standard Plan ES-7M and ES-7N.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
ELECTRICAL SYSTEMS
(LIGHTING STANDARD
TYPES 15 AND 21)

NO SCALE

RSP ES-6A DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-6A DATED MAY 1, 2006 - PAGE 427 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-6A

2006 REVISED STANDARD PLAN RSP ES-6A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Sol. SM SCI	780,101	Var	10	19

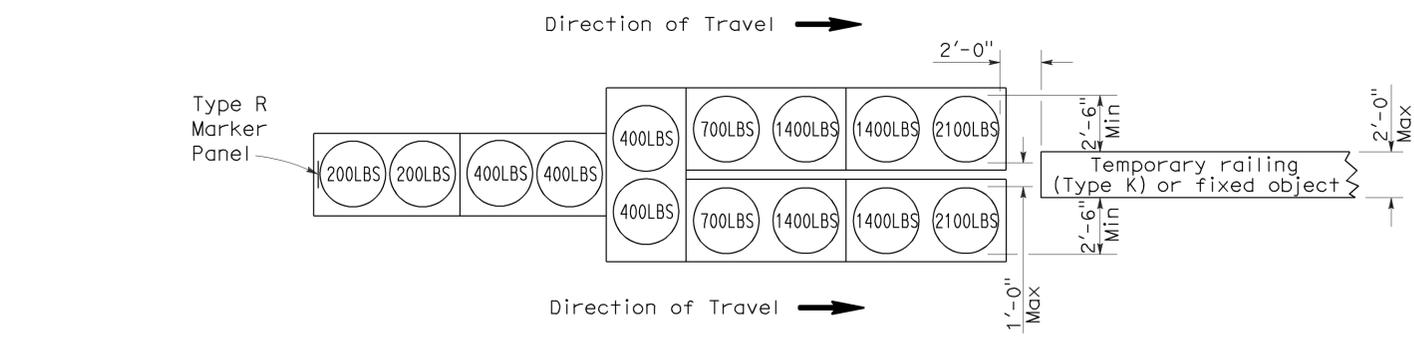
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

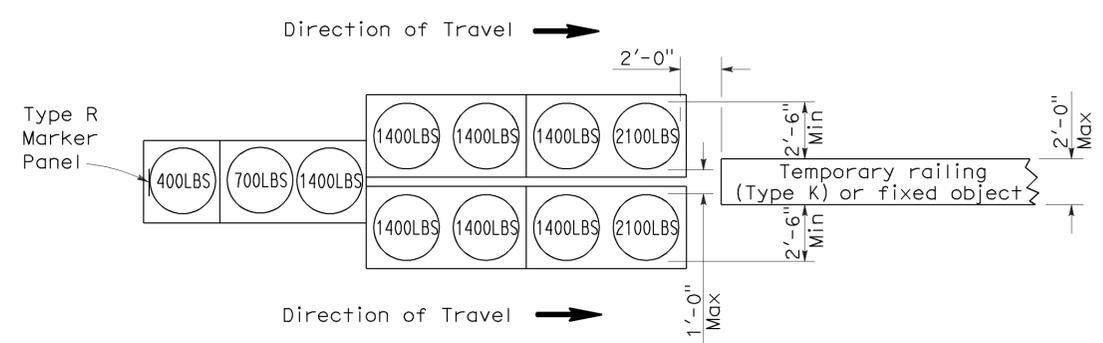
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 11-8-10



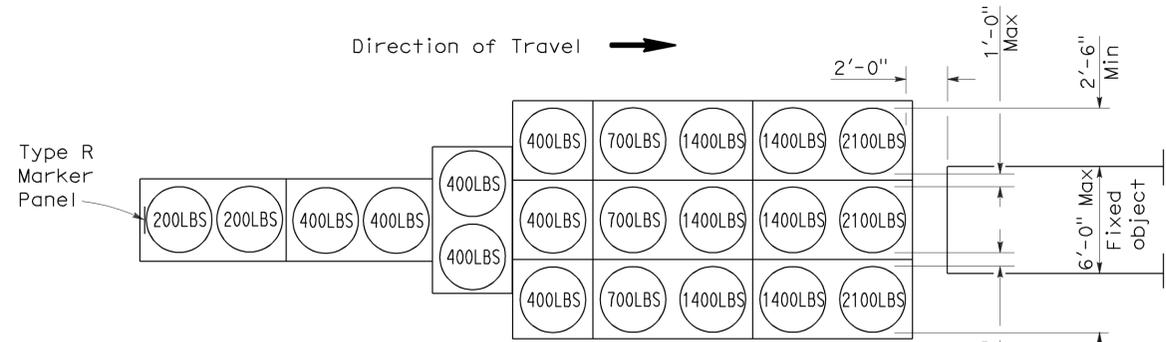
ARRAY 'TU14'

Approach speed 45 mph or more



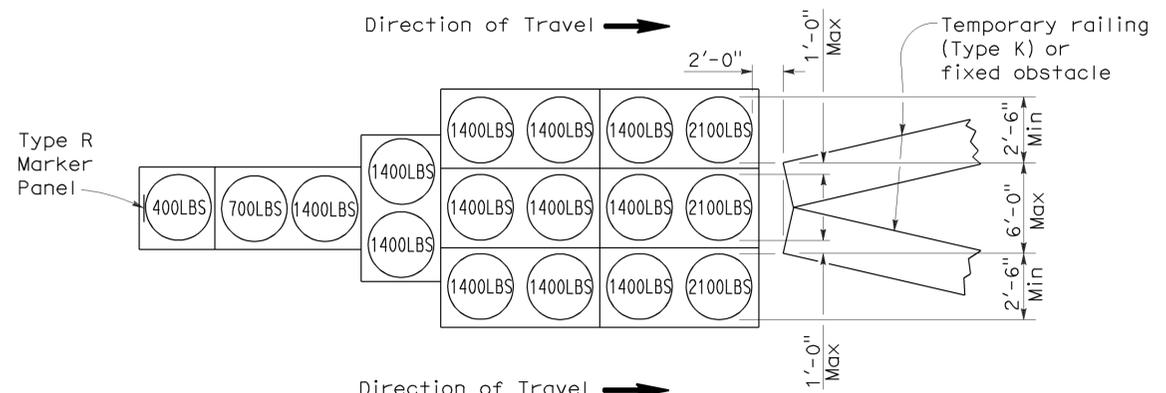
ARRAY 'TU11'

Approach speed less than 45 mph



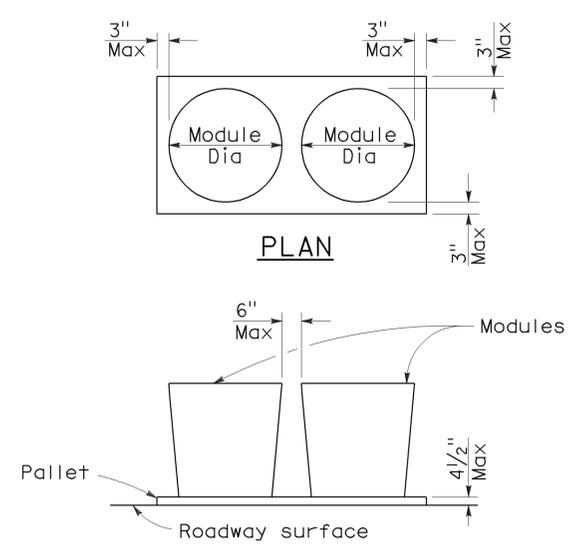
ARRAY 'TU21'

Approach speed 45 mph or more



ARRAY 'TU17'

Approach speed less than 45 mph



CRASH CUSHION PALLET DETAIL
See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the top of Type R marker panel 1" below the module lid.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(UNIDIRECTIONAL)**

NO SCALE

RSP T1A DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1A
DATED MAY 1, 2006 - PAGE 211 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

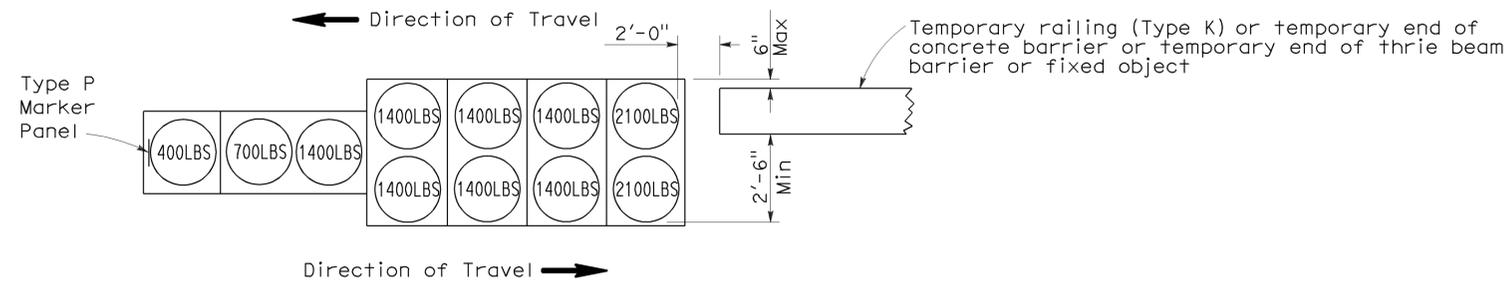
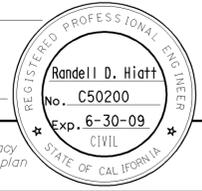
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SoL, SM SCI	780,101	Var	11	19

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

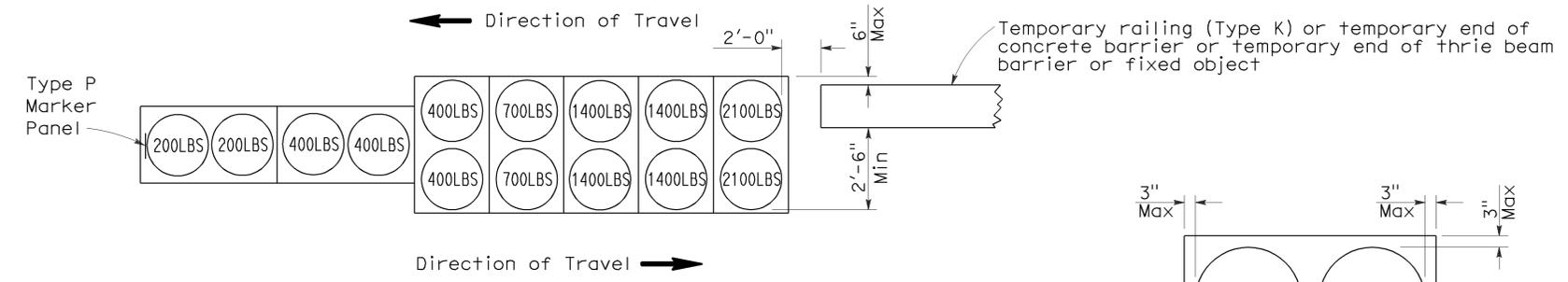
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 11-8-10



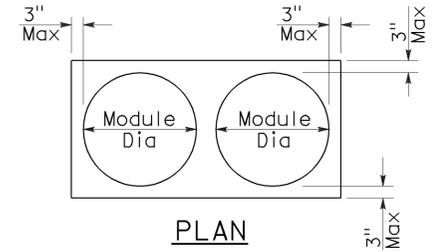
ARRAY 'TB11'

Approach speed less than 45 mph

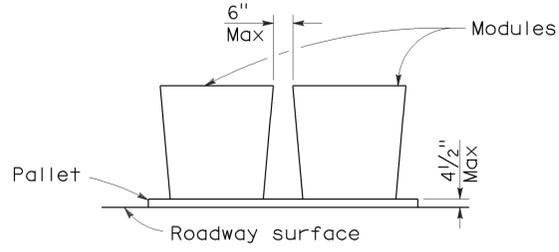


ARRAY 'TB14'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the Type P marker panel so that the bottom of the panel rests upon the pallet.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(BIDIRECTIONAL)**

NO SCALE

RSP T1B DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1B
DATED MAY 1, 2006 - PAGE 212 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

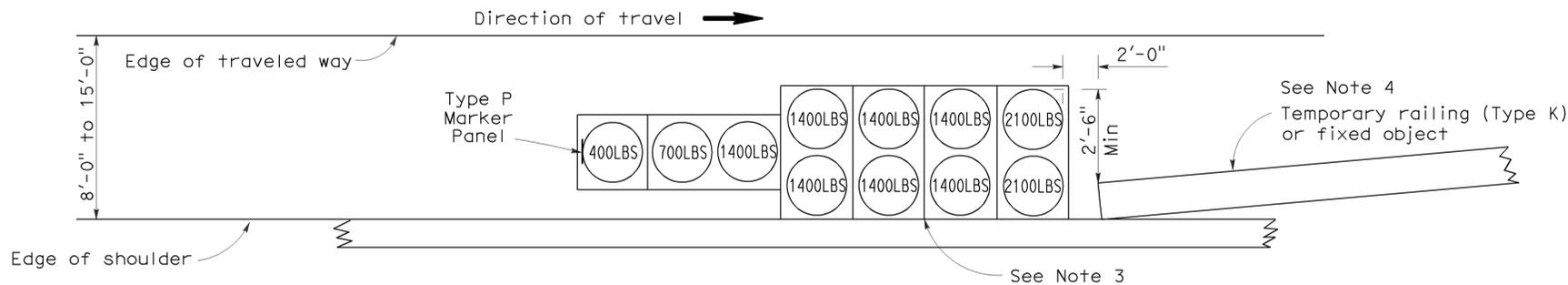
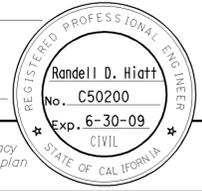
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SoL, SM SCI	780,101	Var	12	19

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

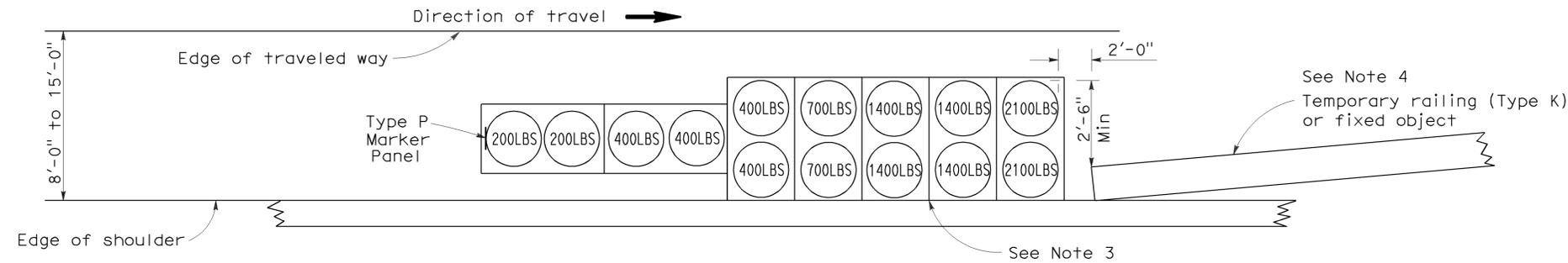
June 6, 2008
PLANS APPROVAL DATE

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To accompany plans dated 11-8-10



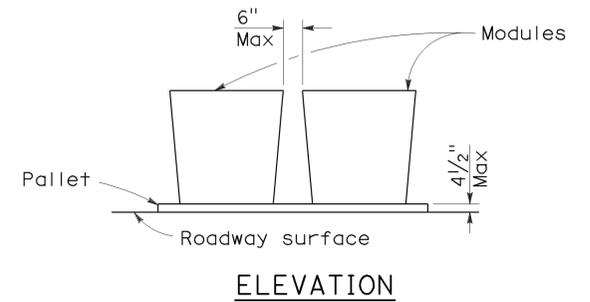
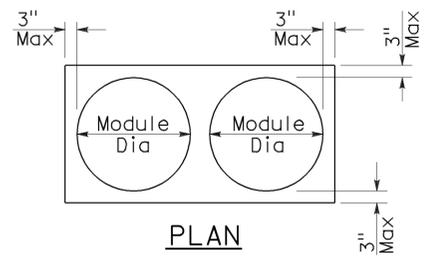
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



ARRAY 'TS14'
Approach speed 45 mph or more
See Note 9

NOTES:

- (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
- All sand weights are nominal.
- The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
- If the fixed object or approach end of the temporary railing is less than 15'-0" from the edge of traveled way, a temporary crash cushion is required in a construction or work zone.
- Temporary crash cushion arrays shall not encroach on the traveled way.
- Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
- Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
- Refer to Standard Plan A73B for marker details.
- For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
- Approach speeds indicated conform to NCHRP 350 Report criteria.
- Use of pallets is optional.



CRASH CUSHION PALLET DETAIL
See Note 11

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**
NO SCALE

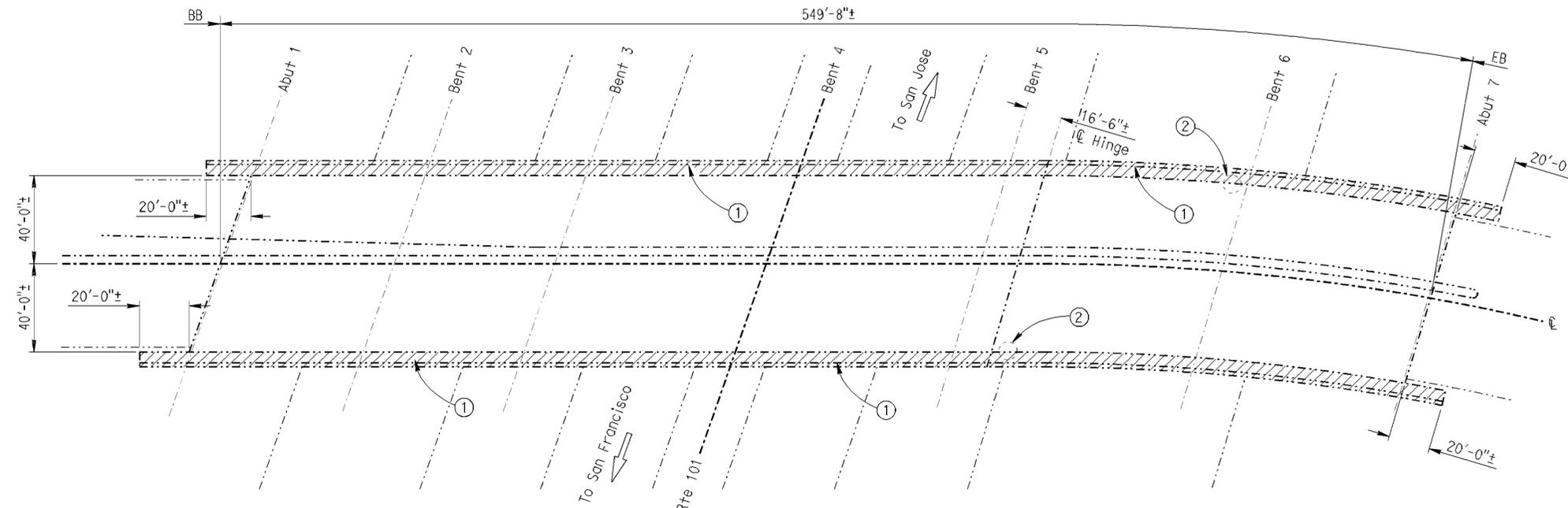
RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Sol, SM, SCL	780, 101	VAR	13	19

8-18-10
 REGISTERED CIVIL ENGINEER DATE
 11-8-10
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

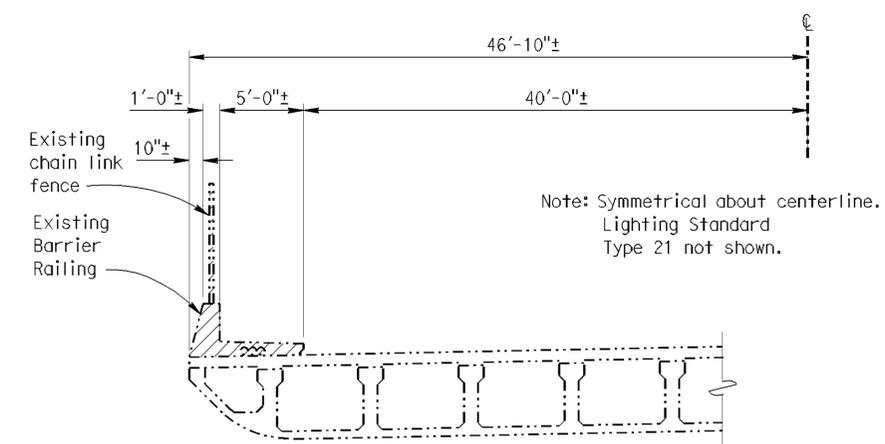


SAN BRUNO AVENUE OVERCROSSING
 BR NO. 35-0264, SM, ROUTE 101, PM R20.39
 1" = 30'

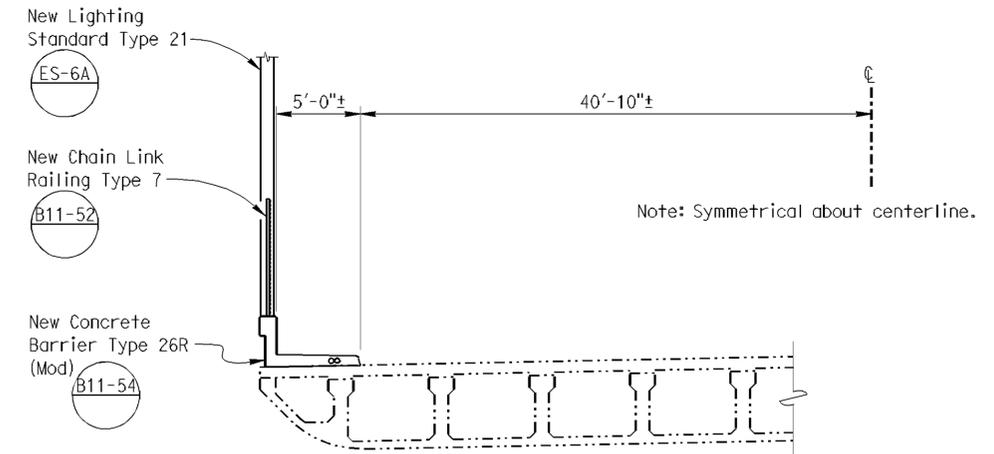
QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION A	LUMP SUM
REFINISH BRIDGE DECK	1,375 SQFT
REPAIR SPALLED SURFACE AREA	55 SQFT
CHAIN LINK RAILING (TYPE 7)	1,180 LF
CONCRETE BARRIER (TYPE 26R MODIFIED)	1,180 LF
MODIFY LIGHTING	LUMP SUM

- NOTES: (APPLY TO ALL SHEETS)
- Indicates existing structure.
 - THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
 - STANDARD PLAN SHEET NUMBER
 - DETAIL NUMBER
- NOTES: (APPLY TO THIS SHEET ONLY)
- ▨ Indicates limits of remove existing barrier railing and chain link fence. Replace with new Concrete Barrier Type 26R (Mod) and new Chain Link Railing Type 7 as directed by the Engineer.
 - ① Approximate location of existing lighting standard to be removed and replace with new Lighting Standard Type 21.
 - ② Approximate location of repair spalled surface area at bridge soffit as directed by the Engineer. See SPALL REPAIR DETAIL on "MISCELLANEOUS DETAILS NO. 2" sheet.



EXISTING



RECONSTRUCTION

TYPICAL SECTION
 1" = 5'

INDEX TO PLANS

SHEET NO.	TITLE
1	GENERAL PLAN NO. 1
2	GENERAL PLAN NO. 2
3	GENERAL PLAN NO. 3
4	MISCELLANEOUS DETAILS NO. 1
5	MISCELLANEOUS DETAILS NO. 2
6	MISCELLANEOUS DETAILS NO. 3
7	CHAIN LINK RAILING TYPE 3

STANDARD PLANS DATED MAY 2006

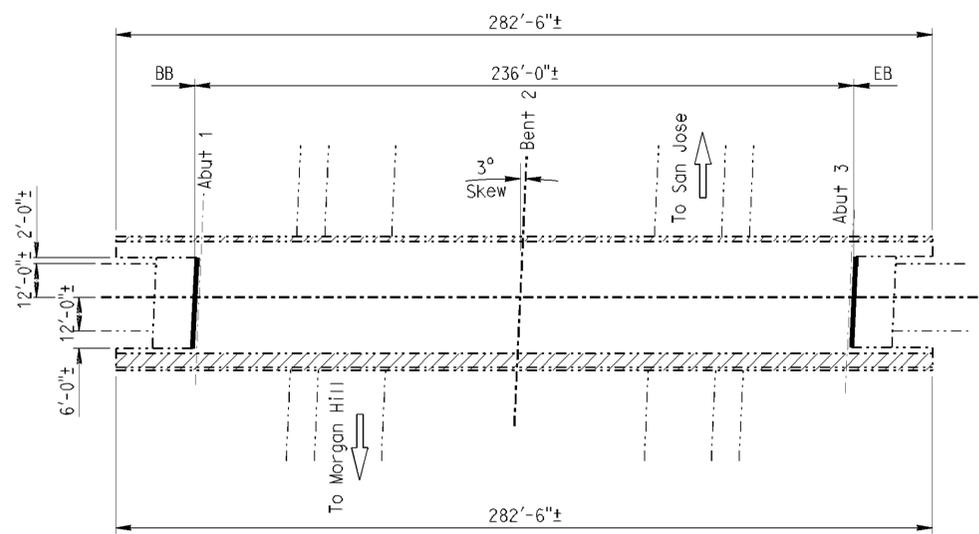
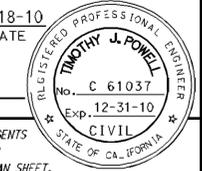
SHEET NO.	TITLE
A10A	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
A10B	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)
B11-52	CHAIN LINK RAILING TYPE 7
B11-53	CONCRETE BARRIER TYPE 25
B11-54	CONCRETE BARRIER TYPE 26
ES-6A	ELECTRICAL SYSTEMS (LIGHTING STANDARD TYPES 15 AND 21)
RSP B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING=2")

 DESIGN ENGINEER 8-18-10	DESIGN BY T. Powell	CHECKED K. Truong	LAYOUT BY M. Hallstrom	CHECKED K. Truong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO. VARIOUS	ROUTE 101, 780 BRIDGES GENERAL PLAN NO. 1
	DETAILS BY M. Hallstrom	CHECKED K. Truong	SPECIFICATIONS BY T. Chen	PLANS AND SPECIFICATIONS COMPARED T. Powell			POST MILE VARIES	
QUANTITIES BY T. Powell	CHECKED K. Truong	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 04609 EA 1E6601	3-11-10	REVISION DATES	SHEET 1	OF 7

USERNAME => 5131417 DATE PLOTTED => 09-NOV-2010 TIME PLOTTED => 09:20

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Sol, SM, SCL	780, 101	VAR	14	19

8-18-10
 REGISTERED CIVIL ENGINEER DATE
 11-8-10
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

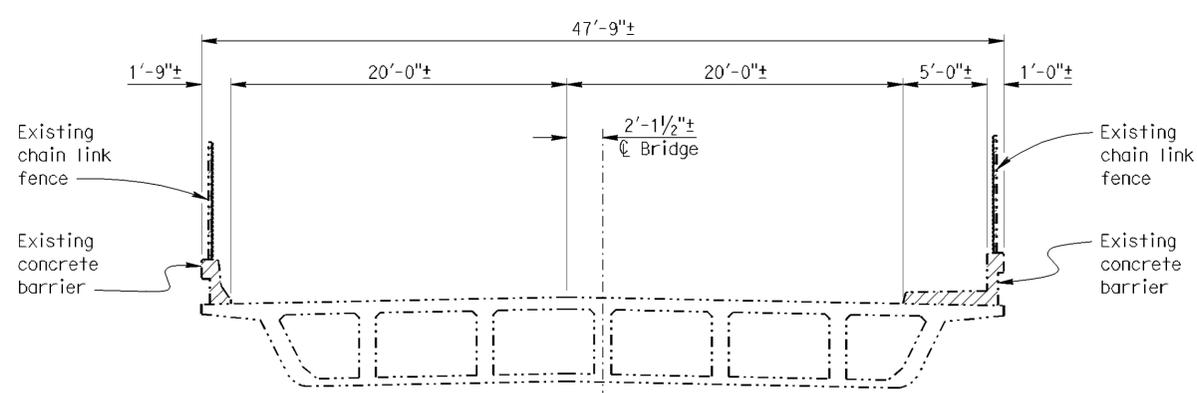


QUANTITIES

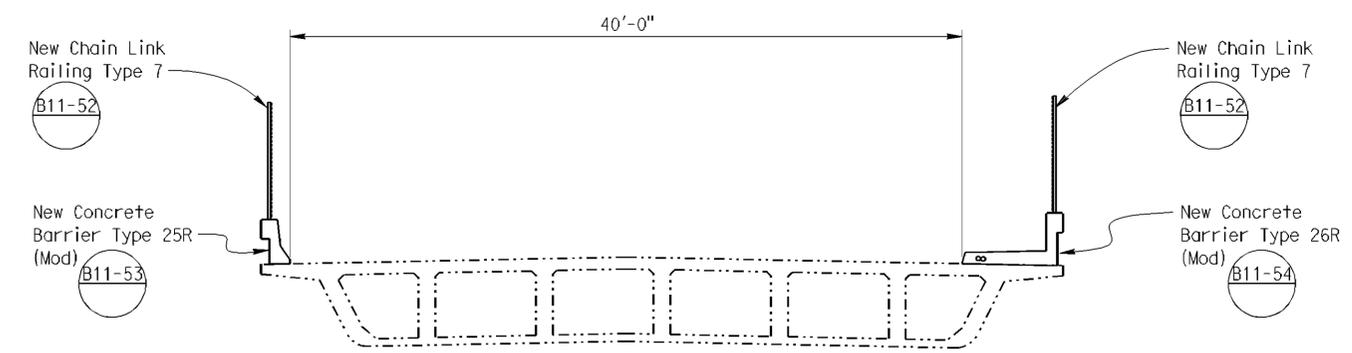
BRIDGE REMOVAL (PORTION), LOCATION B	LUMP SUM
CLEAN EXPANSION JOINT	67 LF
JOINT SEAL (MR 1")	67 LF
CHAIN LINK RAILING (TYPE 7)	565 LF
CONCRETE BARRIER (TYPE 25R MODIFIED)	282 LF
CONCRETE BARRIER (TYPE 26R MODIFIED)	282 LF

- NOTES: (APPLY TO THIS SHEET ONLY)
- Indicates limits of remove existing concrete barrier and chain link fence. Replace with new Concrete Barrier Type 25R (Mod) and Concrete Barrier Type 26R (Mod) and new Chain Link Railing Type 7.
 - Indicates remove existing joint seal and place new joint seal. MR=1". No water stop. Depth to clean joint=12".

METCALF ROAD OVERCROSSING
 BR NO. 37-0339, SCL, ROUTE 101, PM R25.31
 1" = 30'



EXISTING
TYPICAL SECTION
 1" = 5'



RECONSTRUCTION
 See MISCELLANEOUS DETAILS NO. 1 sheet

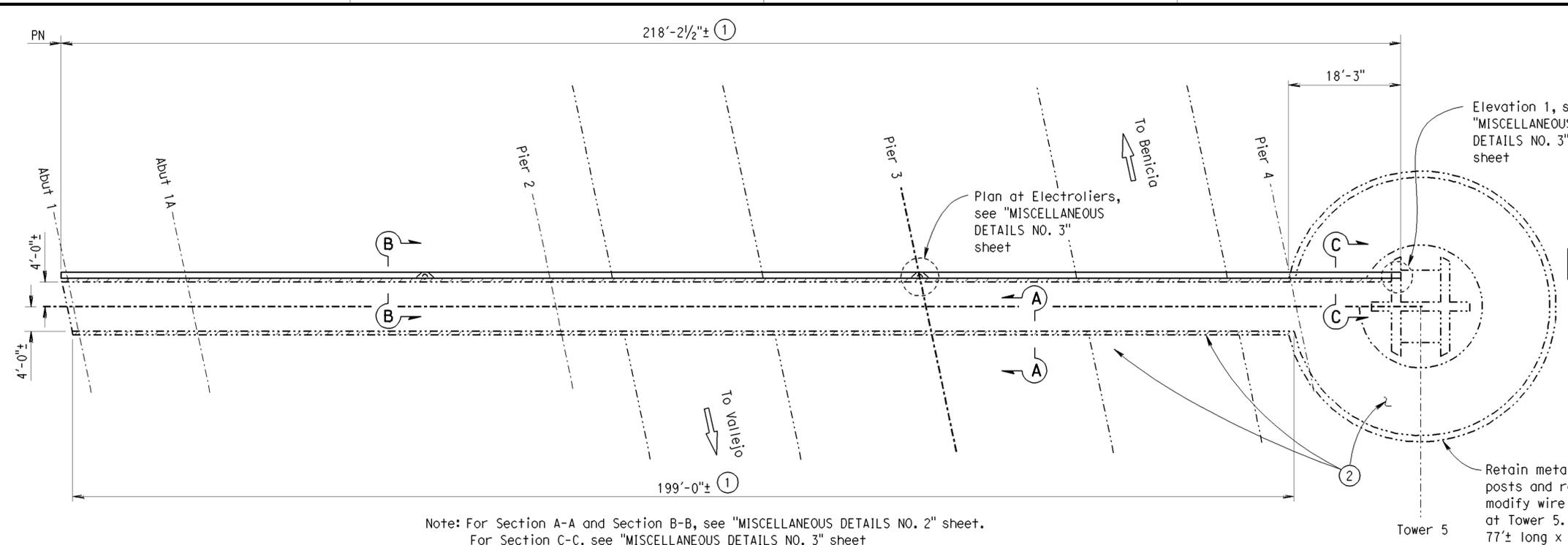
 DESIGN ENGINEER 8-18-10	DESIGN	BY T. Powell	CHECKED K. Truong	LAYOUT	BY M. Hallstrom	CHECKED K. Truong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 101, 780 BRIDGES GENERAL PLAN NO. 2	
	DETAILS	BY M. Hallstrom	CHECKED K. Truong	BY T. Chen	PLANS AND SPECIFICATIONS COMPARED	T. Powell			VARIOUS		POST MILE
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 04609 EA 1E6601	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 2 OF 7

USERNAME => 8131417 DATE PLOTTED => 09-NOV-2010 TIME PLOTTED => 09:20

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Sol, SM, SCL	780, 101	VAR	15	19

8-18-10
 REGISTERED CIVIL ENGINEER DATE
 11-8-10
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
 TIMOTHY J. POWELL
 No. C 61037
 Exp. 12-31-10
 CIVIL
 STATE OF CALIFORNIA



Note: For Section A-A and Section B-B, see "MISCELLANEOUS DETAILS NO. 2" sheet.
 For Section C-C, see "MISCELLANEOUS DETAILS NO. 3" sheet



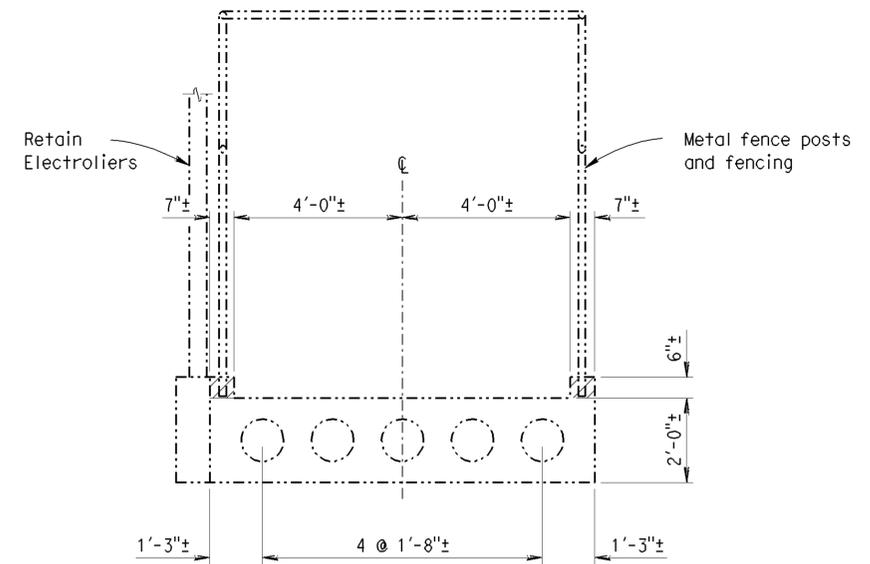
HOME ACRES AVENUE PEDESTRIAN OVERCROSSING

BR NO. 23-0133, SOL, ROUTE 780, PM 6.66
 1" = 10'

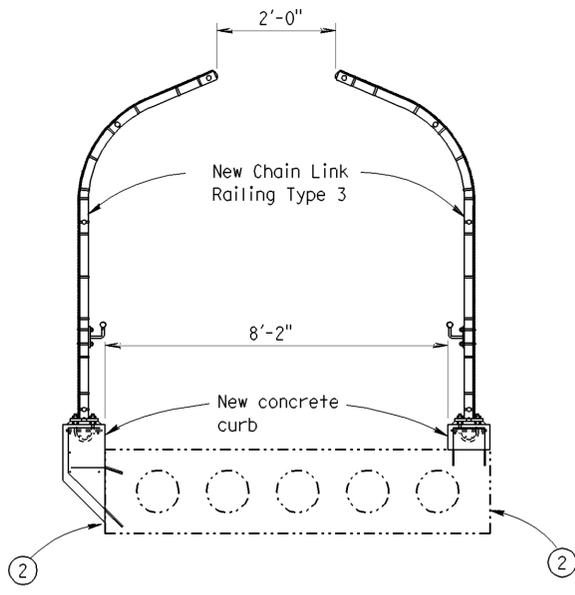
- NOTES:** (APPLY TO THIS SHEET ONLY)
- Indicates limits of remove existing reinforced concrete.
 - ① Limits of remove metal fence posts, fencing and curb and replace with new curb and chain link railing. See "CHAIN LINK RAILING TYPE 3" sheet.
 - ② Indicates location of prepare and paint concrete and repair spalled surface area as directed by the Engineer. See SPALL REPAIR DETAIL on "MISCELLANEOUS DETAILS NO. 2" sheet.

QUANTITIES

	LUMP SUM
BRIDGE REMOVAL (PORTION), LOCATION C	
MODIFY WIRE MESH	77 LF
REFINISH BRIDGE DECK	127 SQFT
REPAIR SPALLED SURFACE AREA	32 SQFT
PREPARE AND PAINT CONCRETE	5,000 SQFT
CHAIN LINK RAILING (TYPE 3)	417 LF



EXISTING



RECONSTRUCTION

TYPICAL SECTION

1/2" = 1'

GENERAL NOTES LOAD FACTOR DESIGN

- DESIGN: BRIDGE DESIGN SPECIFICATIONS (1996 AASHTO with Interims and Revisions by CALTRANS)
- DEAD LOAD: Includes 35 psf for future wearing surface.
- LIVE LOADING: HL93 and permit design load.
- REINFORCED CONCRETE: fy = 60 ksi
f'c = 3.6 ksi
n = 8

 8-18-10 DESIGN ENGINEER	DESIGN	BY T. Powell	CHECKED K. Truong	LAYOUT	BY M. Hallstrom	CHECKED K. Truong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 101, 780 BRIDGES GENERAL PLAN NO. 3
	DETAILS	BY M. Hallstrom	CHECKED K. Truong	SPECIFICATIONS	BY T. Chen	T. Powell			VARIOUS	
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 04609 EA 1E6601	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES
							0 1 2 3	3-11-10		SHEET 3 OF 7

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Sol, SM, SCL	780, 101	VAR	17	19

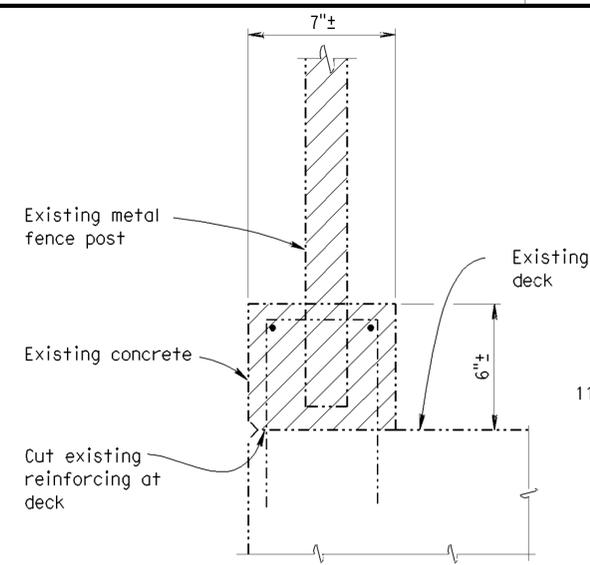
REGISTERED CIVIL ENGINEER DATE 8-18-10
 11-8-10
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For more info see "CHAIN LINK RAILING TYPE 3" sheet

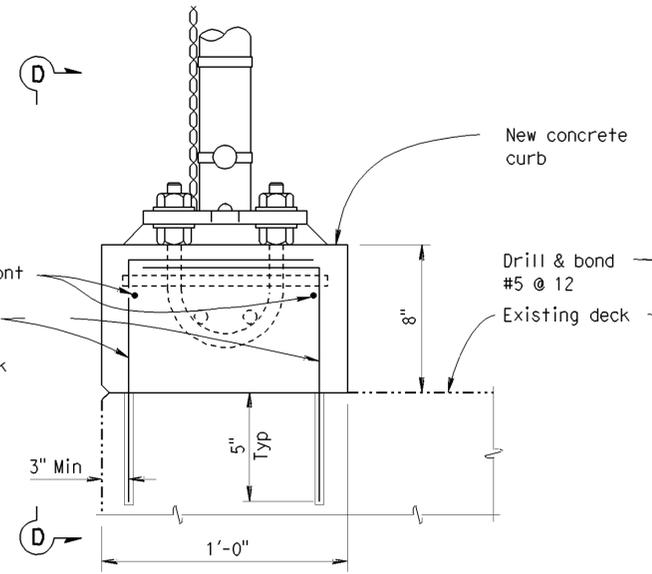
NOTES: (APPLY TO THIS SHEET ONLY)

 Indicates limits of remove existing reinforced concrete, metal fence posts and chain link fence.

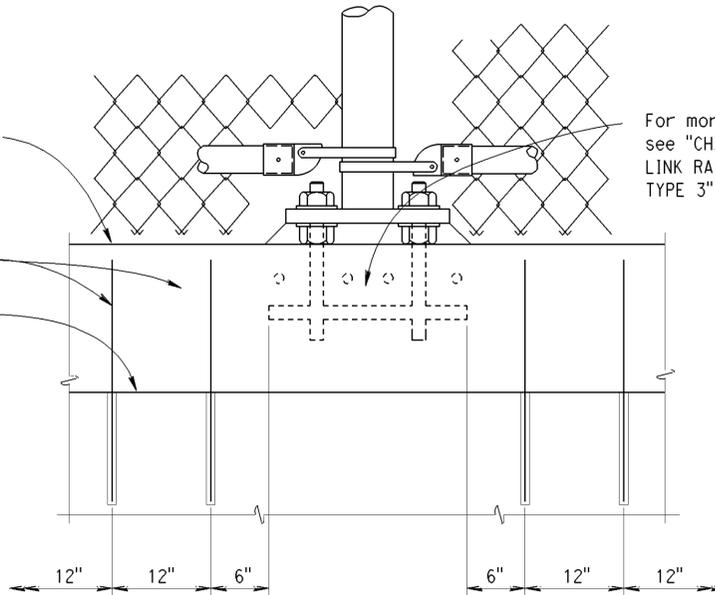


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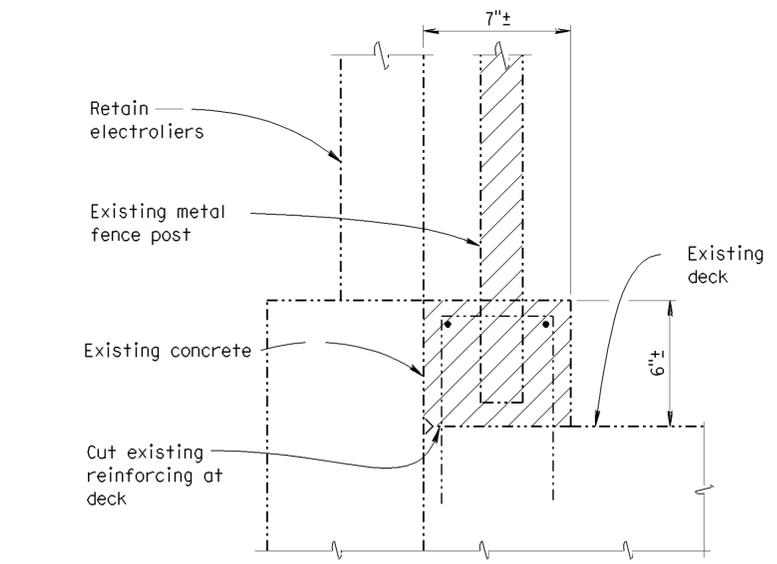
SECTION A-A
No Scale



RECONSTRUCTION

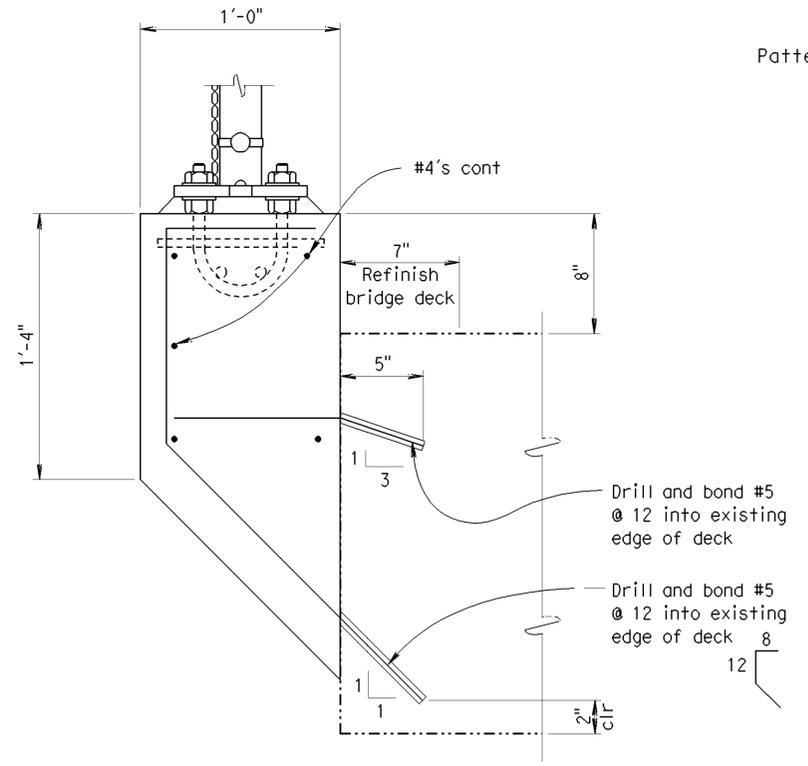


SECTION D-D
No Scale
Pattern typical for Section B-B.

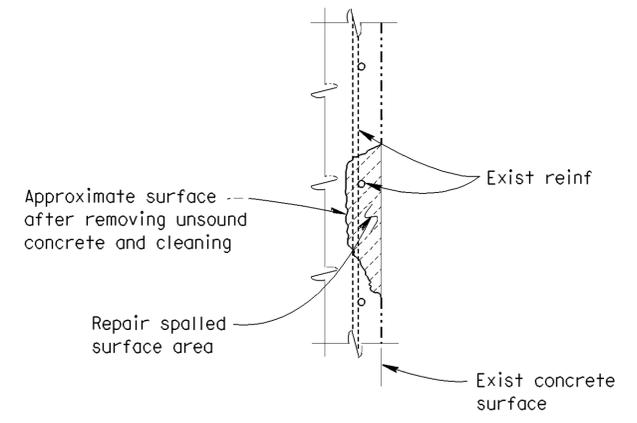


EXISTING

SECTION B-B
No Scale



RECONSTRUCTION

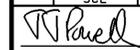
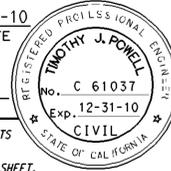


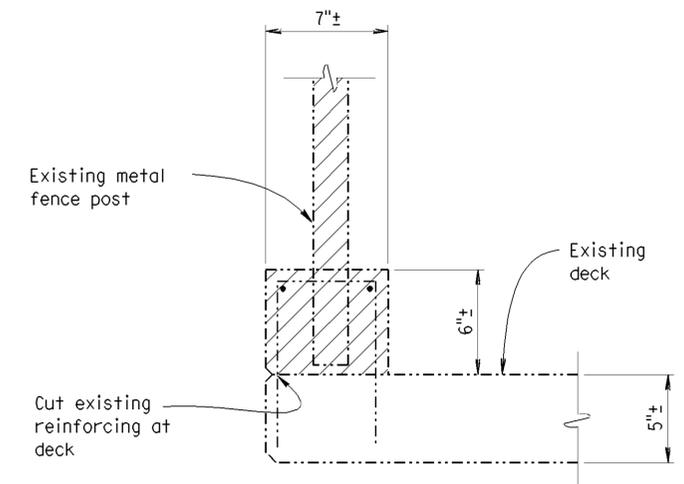
SPALL REPAIR DETAIL
Reinforcement may be encountered during concrete removal.
NO SCALE

BRIDGE NUMBER	TOTAL AREA (ft ²)	% DAMAGED	DEPTH (in)
35-0264	11,000	2	3
23-0133	6,400	2	3

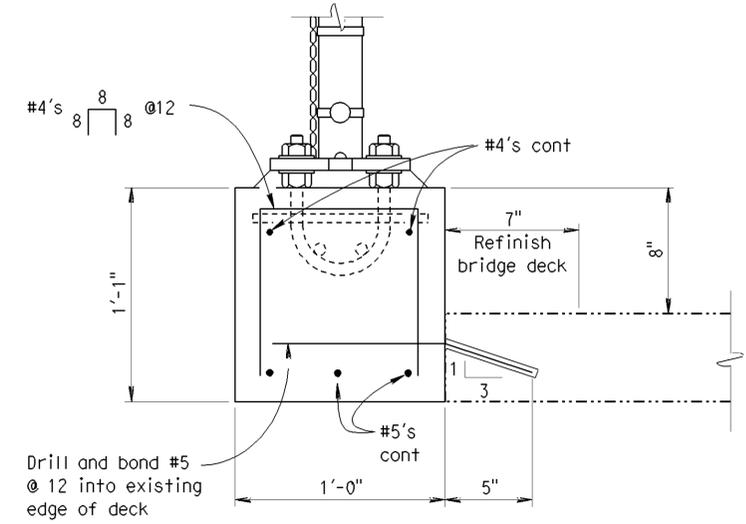
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)	DESIGN	BY T. Powell	CHECKED K. Truong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	VARIOUS	ROUTE 101, 780 BRIDGES
	DETAILS	BY M. Hallstrom	CHECKED H. Truong			POST MILE		
	QUANTITIES	BY T. Powell	CHECKED K. Truong	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 04609 EA 1E6601	DISREGARD PRINTS BEARING EARLIER REVISION DATES	3-11-10	SHEET 5 OF 7

FILE => 04-1e6601_05misc_det2.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Soi, SM, SCL	780, 101	VAR	18	19
 REGISTERED CIVIL ENGINEER DATE 8-18-10					
PLANS APPROVAL DATE 11-8-10					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.</small>					



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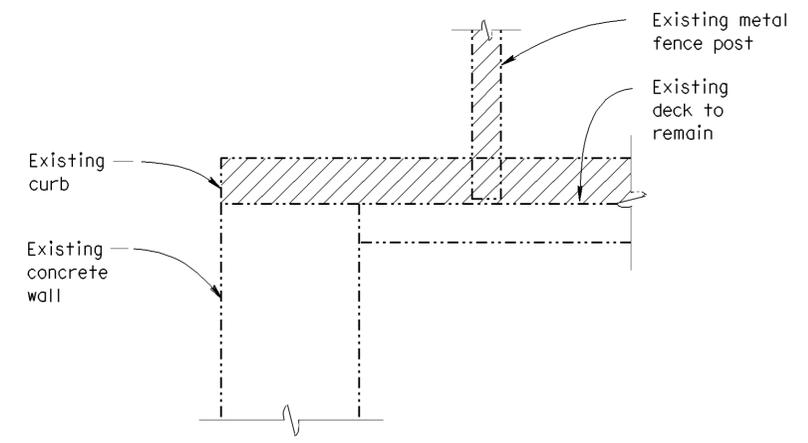
RECONSTRUCTION

SECTION C-C

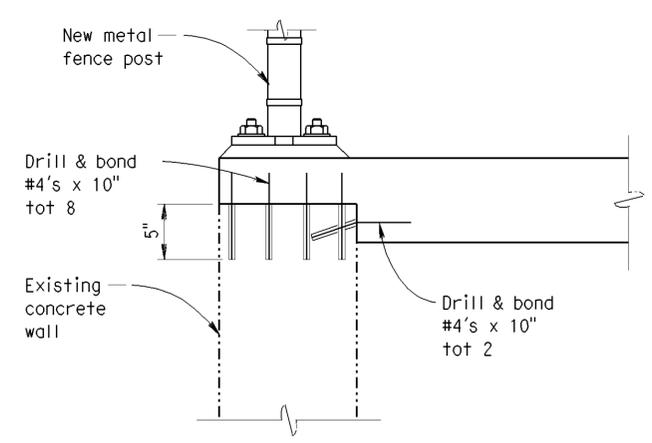
No Scale

NOTES: (APPLY TO THIS SHEET ONLY)

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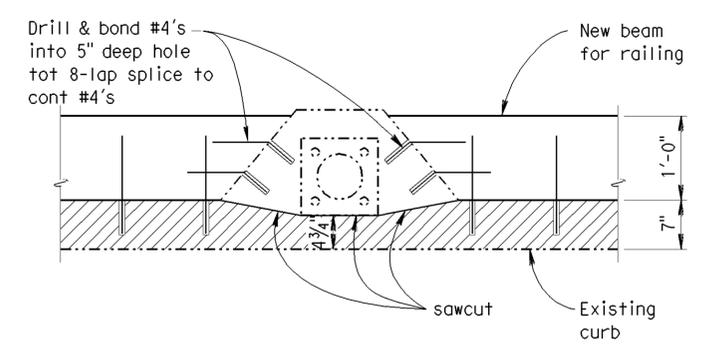
EXISTING



RECONSTRUCTION

ELEVATION 1

No Scale



PLAN AT ELECTROLIERS

1"=1'-0"

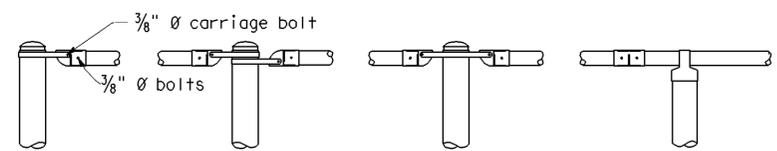
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)	DESIGN	BY T. Powell	CHECKED K. Truong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 101, 780 BRIDGES MISCELLANEOUS DETAILS NO. 3
	DETAILS	BY M. Hallstrom	CHECKED H. Truong			VARIOUS	
	QUANTITIES	BY T. Powell	CHECKED K. Truong			VARIES	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				CU 04609 EA 1E6601		DISREGARD PRINTS BEARING EARLIER REVISION DATES	
				0 1 2 3		REVISION DATES 3-11-10	
						SHEET 6 OF 7	

USERNAME => s131417 DATE PLOTTED => 09-NOV-2010 TIME PLOTTED => 09:20

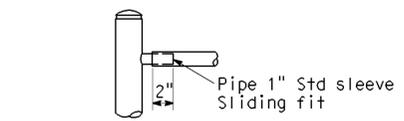
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Sol, SM, SCL	780, 101	VAR	19	19

REGISTERED ENGINEER - CIVIL
 8-18-10
 11-8-10
 PLANS APPROVAL DATE
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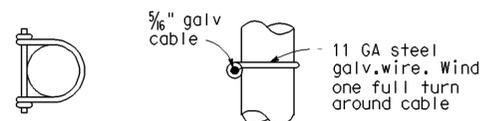
REGISTERED PROFESSIONAL ENGINEER
 TIMOTHY J. POWELL
 No. C 61037
 Exp. 12-31-10
 CIVIL
 STATE OF CALIFORNIA



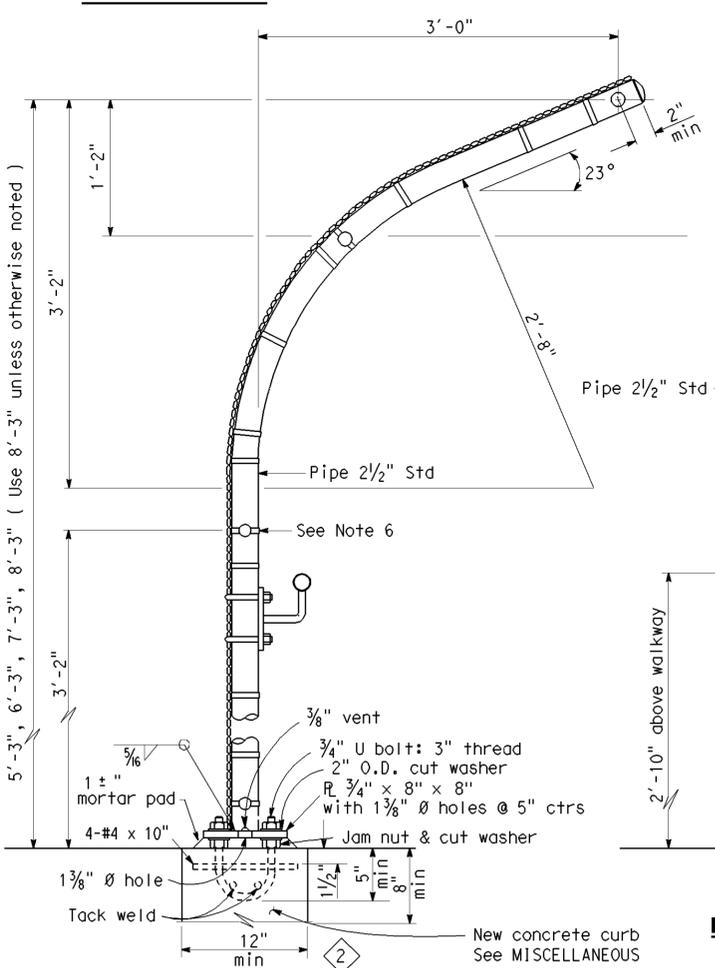
ALTERNATIVE DETAILS



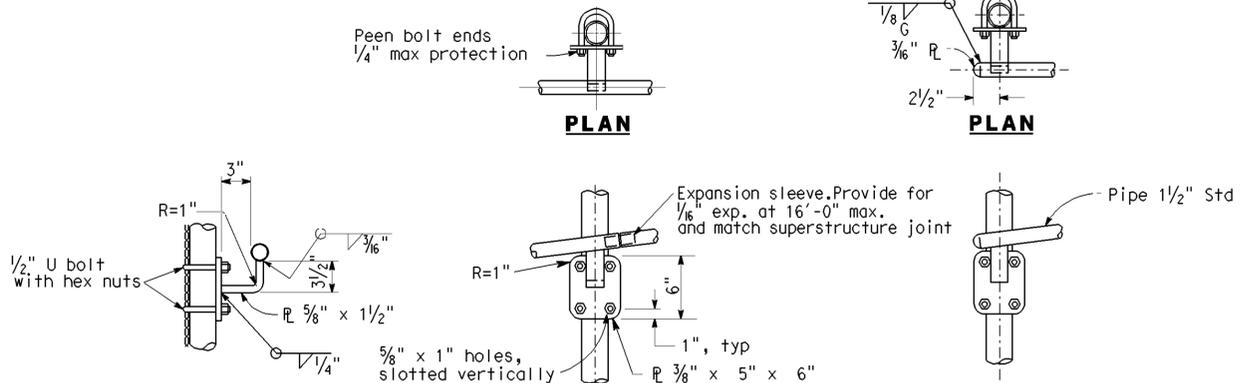
TYPICAL DETAILS



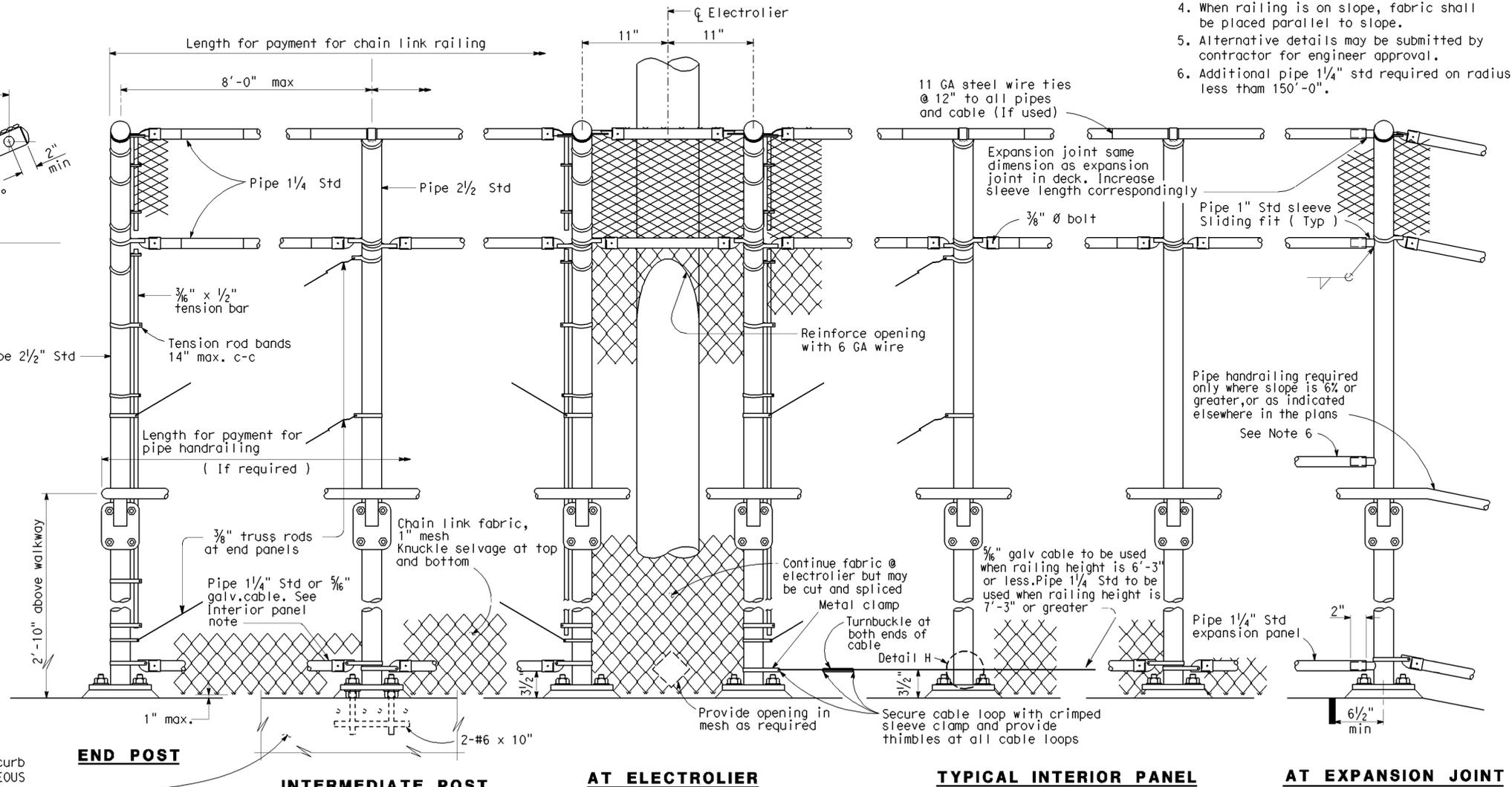
**PLAN ELEVATION
DETAIL H**



TYPICAL POST DETAIL



**SIDE VIEW ELEVATION ELEVATION
PIPE HANDRAILING BRACKET PIPE HANDRAILING AT END**



END POST INTERMEDIATE POST AT ELECTROLIER TYPICAL INTERIOR PANEL AT EXPANSION JOINT

ELEVATION

NO SCALE

FILE NO. xs16-310e	APPROVED BY <u>T. SATTER</u> RESPONSIBLE TECHNICAL SPECIALIST	RELEASED BY <u>ROBERTO LACALLE</u> RESPONSIBLE OFFICE CHIEF
	APPROVAL DATE <u>4-15-08</u>	RELEASE DATE <u>4-15-08</u>

- 1 Detail deleted
- 2 Detail revised

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 BRIDGE NO. 23-0133
 POST MILE 6.66

ROUTE 101, 708 BRIDGES
 CHAIN LINK RAILING TYPE 3

US OSD 2147A (ENGLISH STANDARD DRAWING "XS" BORDER REV. 01/11/08)	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 04609 EA 1E6601	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET 7	OF 7
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USERNAME => s137417

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