INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	LAYOUTS
3	CONSTRUCTION DETAILS
4	CONSTRUCTION AREA SIGNS
5	SUMMARY OF QUANTITIES
6	SIGN PLANS, DETAILS AND QUANTITIES
7-10	ELECTRICAL PLANS
11-20	REVISED AND NEW STANDARD PLANS

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

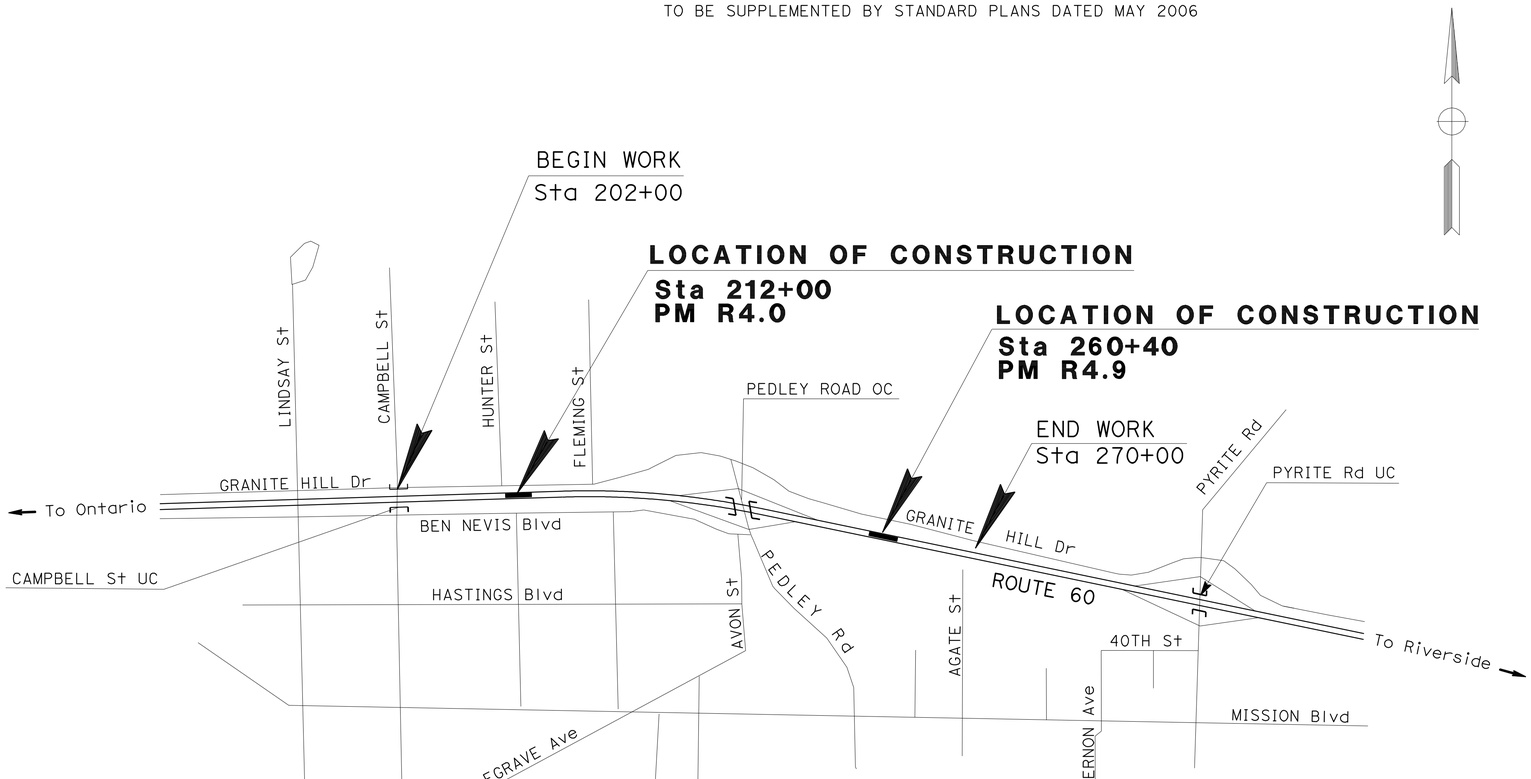
PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

IN RIVERSIDE COUNTY
AT GLEN AVON
AT 0.4 MILE EAST OF PEDLEY ROAD OVERCROSSING
AND AT 0.4 MILE WEST OF PEDLEY ROAD OVERCROSSING

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	1	20



Glen Avon

NO SCALE

PROJECT MANAGER: MUSTAPHA IAALI

DESIGN ENGINEER: W. K. TSAO

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

Savat Khamphou 02-03-10
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

February 16, 2010
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — SAVAT KHAMPHOU — No. 62019 — Exp. 9/30/11 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CONTRACT No. 08-0M1404

LAST REVISION 02-02-10 | DATE PLOTTED => 17-FEB-2010 | TIME PLOTTED => 10:12

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	2	20

12-30-09
REGISTERED CIVIL ENGINEER DATE

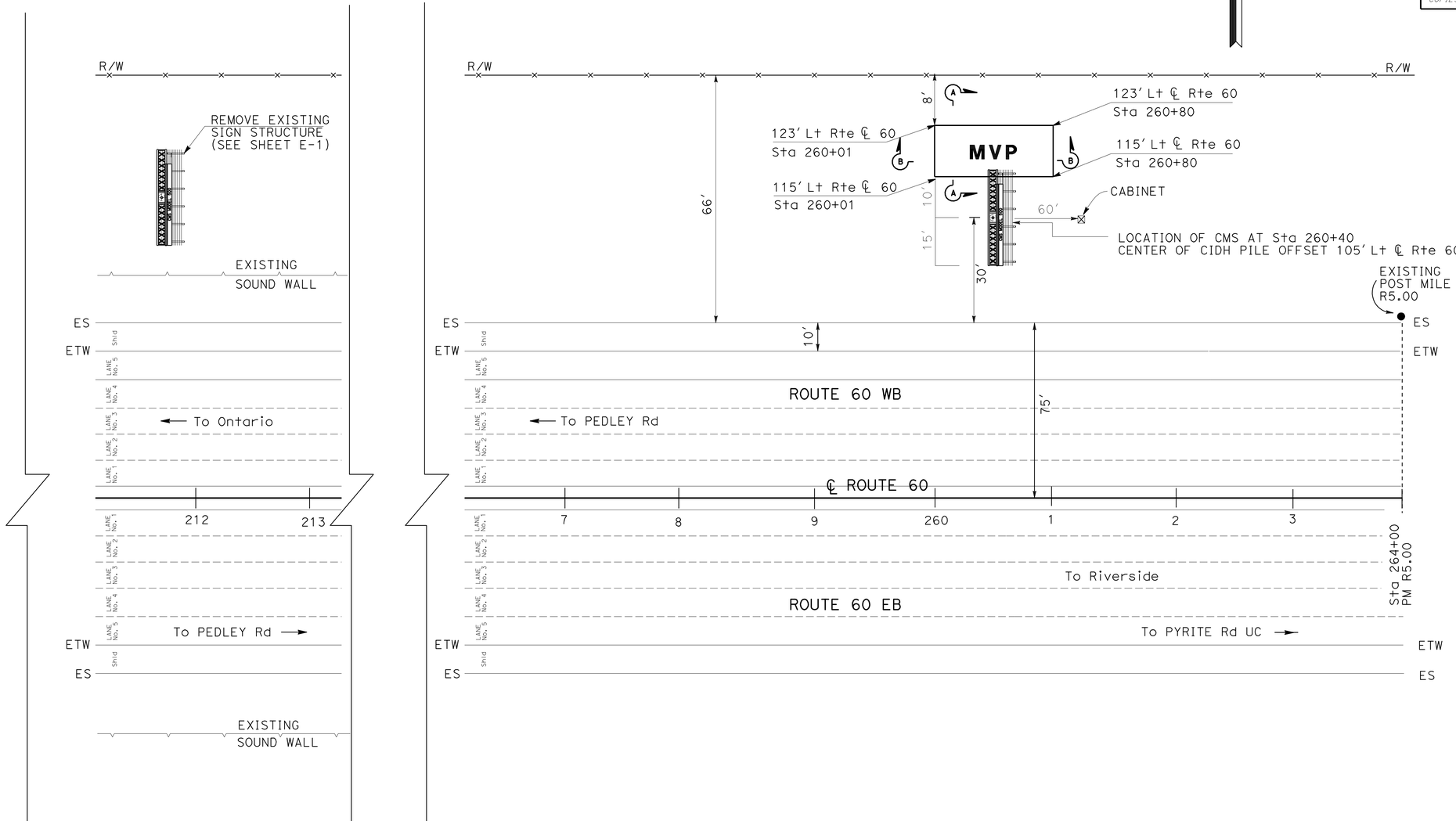
2-16-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
SAVAT KHAMPHOU
No. 62019
Exp. 9/30/11
CIVIL
STATE OF CALIFORNIA

NOTES:

1) FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY MAPS AT DISTRICT OFFICE.

2) SEE SHEET C-1 FOR SECTIONS B-B AND C-C.



LAYOUT

NO SCALE **L-1**

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: W.K.TSAO
CHECKED BY: MAINUL KHAN
FUNCTIONAL SUPERVISOR: SAVAT KHAMPHOU

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® DESIGN N

LAST REVISION | DATE PLOTTED => 17-FEB-2010
12-30-09 | TIME PLOTTED => 10:13

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	3	20

12-30-09
REGISTERED CIVIL ENGINEER DATE

2-16-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
SAVAT KHAMPHOU
No. 62019
Exp 9/30/11
CIVIL
STATE OF CALIFORNIA

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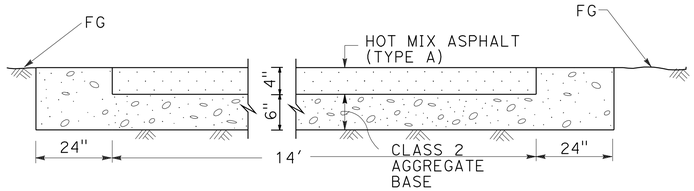


A-A
SECTION

B-B
SECTION

MAINTENANCE VEHICLE PAD

CONSTRUCTION DETAILS

NO SCALE

C-1

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY: W.K.TSAO
CHECKED BY: MAINUL KHAN
FUNCTIONAL SUPERVISOR: SAVAT KHAMPHOU
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® DESIGN N

LAST REVISION 12-30-09
DATE PLOTTED => 17-FEB-2010
TIME PLOTTED => 10:13

BORDER LAST REVISED 4/11/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trlenard
DGN FILE => 080m140ga001.dgn
CU 08228
EA 0M1401

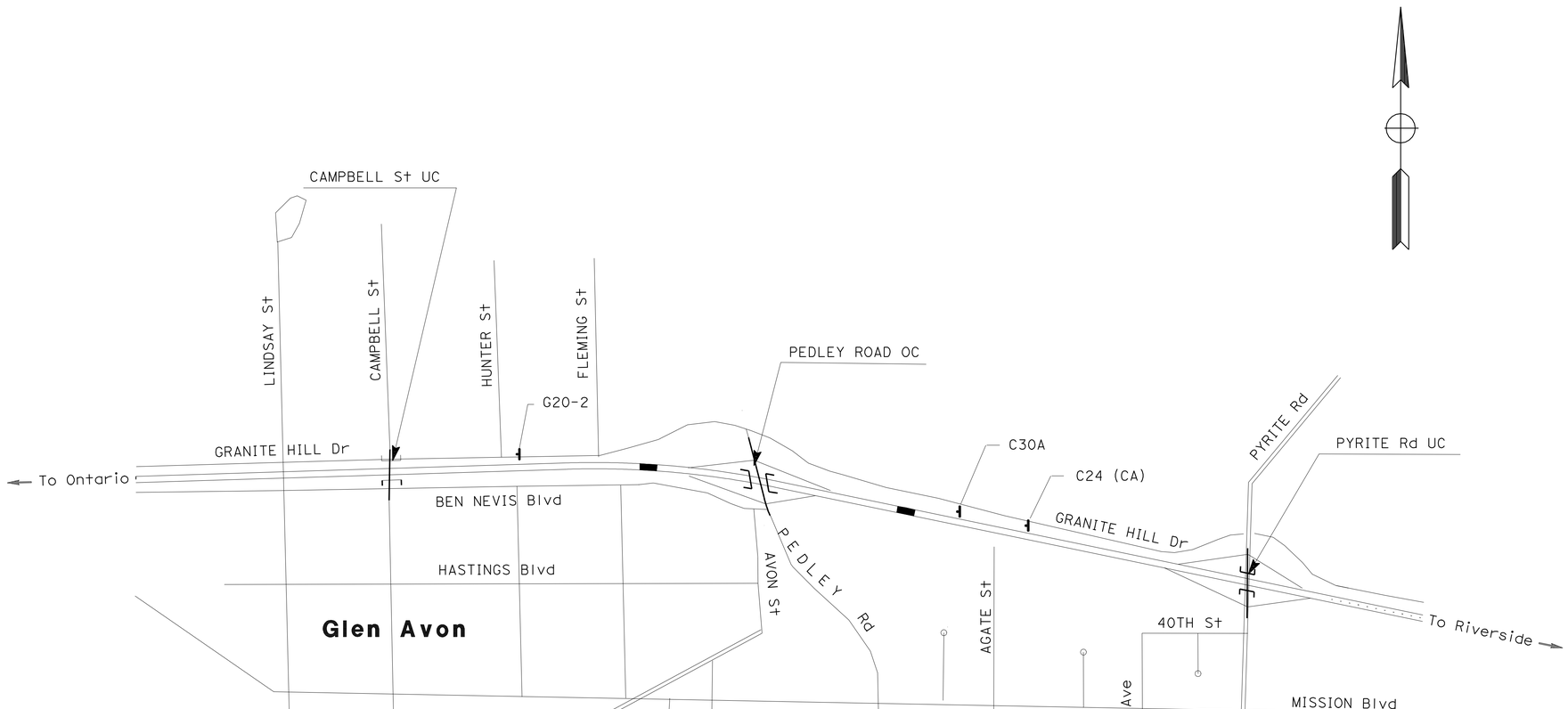
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	4	20

Tran Hoang 12-30-09
REGISTERED CIVIL ENGINEER DATE

2-16-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. C54996
Exp 6/30/10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN CODE	PANEL SIZE (INCHES)	SIGN MESSAGE	No. OF POST AND SIZE	No. OF SIGNS (N)
C24 (CA)	48 x 48	SHOULDER WORK AHEAD	1 - 4" x 6"	1
C30A	48 x 60	SHOULDER CLOSED	1 - 6" x 6"	1
G20-2	48 x 24	END ROAD WORK	1 - 4" x 6"	1

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

NOTES:

1. CONSTRUCTION AREA SIGN LOCATIONS SHOWN ARE APPROXIMATE.
   EXACT SIGN LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. REFER TO STANDARD PLAN T10 PLAN FOR TRAFFIC CONTROL REQUIREMENTS.

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

CALCULATED-DESIGNED BY	TRAN HOANG	11/09
CHECKED BY	VU TRAN	11/09
		REVISED BY
		DATE REVISED

FUNCTIONAL SUPERVISOR: LARRY SARTORI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
DESIGN N

LAST REVISION | DATE PLOTTED => 17-FEB-2010
12-30-09 | TIME PLOTTED => 10:13

BORDER LAST REVISED 4/11/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trlenard
DGN FILE => 080m1401a001.dgn

CU 08381

EA 0M1401

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	5	20

12-30-09
REGISTERED CIVIL ENGINEER DATE

2-16-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
SAVAT KHAMPHOU
No. 62019
Exp 9/30/11
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

MAINTENANCE VEHICLE PULLOUT QUANTITIES

LOCATION	AB CLASS 2	HMA (TYPE A)	ROADWAY EXCAVATION
	CY	TON	CY
STA 260+40	31	25	45
TOTAL	31	25	45

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

DESCRIPTION	(FT)	(EA)
GRAVEL BAG BERM	450	
TEMPORARY DRAIN INLET PROTECTION		1
TOTAL	450	1

SUMMARY OF QUANTITIES

Q-1

REVISED BY | DATE REVISED
W.K.TSAO | MAINUL KHAN
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: SAVAT KHAMPHOU
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
DESIGN N

LAST REVISION | DATE PLOTTED => 17-FEB-2010
08-11-09 | TIME PLOTTED => 10:13

BORDER LAST REVISED 4/11/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trlenard
DGN FILE => 080m140pa001.dgn
CU 08226
EA 0M1401

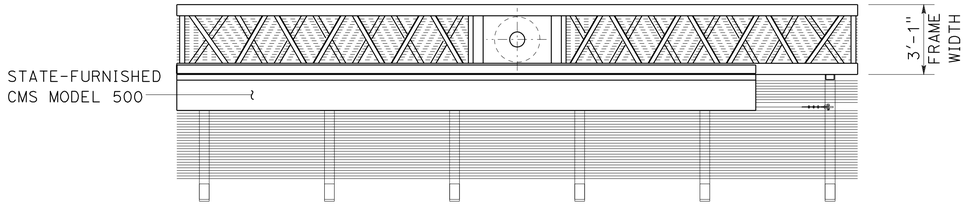
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	6	20

Savat Khamphou 12-30-09
REGISTERED CIVIL ENGINEER DATE

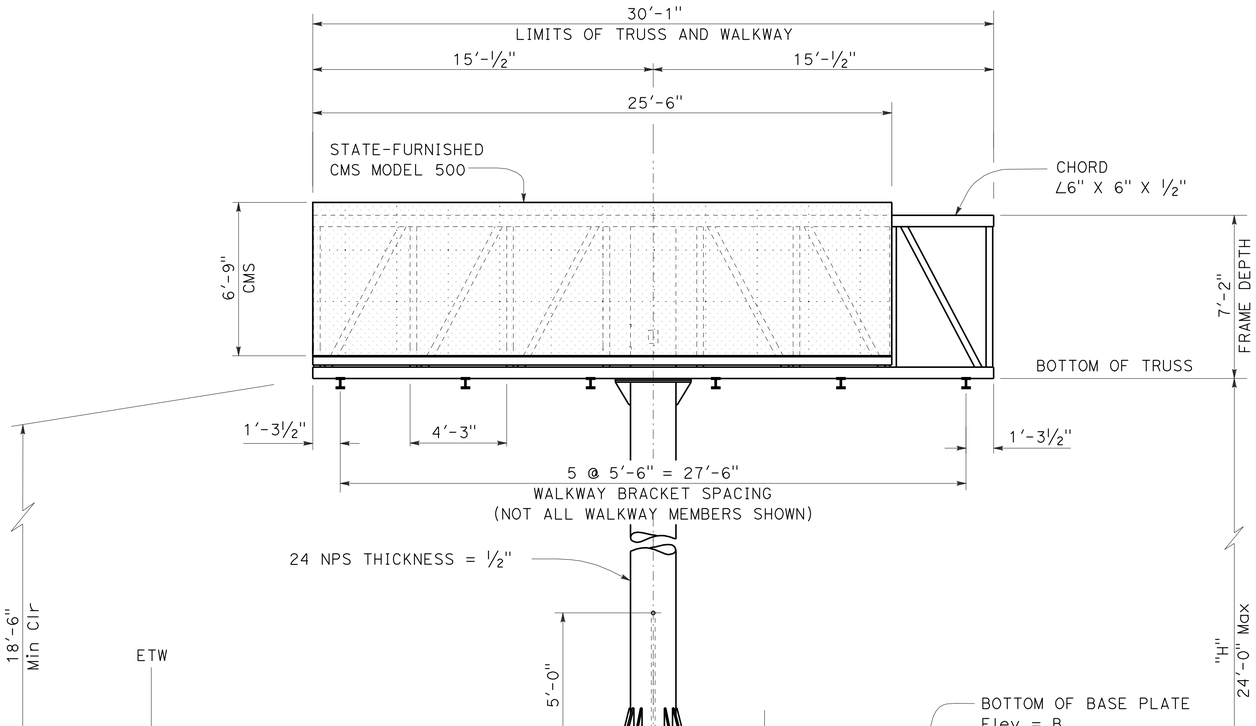
2-16-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
SAVAT KHAMPHOU
No. 62019
Exp. 9/30/11
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PLAN



ELEVATION

CMS TYPE	MODEL	LOCATION	STATE	CMS	X	H	Assumed	**	SIGN STRUSS (TRUSS)		
							Elev A	Elev B	FURNISH	INSTALL	CIDH PILE
BALANCED		STATION	ROUTE	ORIENTATION	(FT)	(FT)	(FT)	(FT)	(LB)	(LB)	5 (FT Dia)
BUTTERFLY	500	260+40	60	FWBT	40	24	100	101.33	15298	15298	20 (FT DEEP)

CHANGABLE MESSAGE SIGN TRUSS
(SIGN DETAIL)
NO SCALE

SD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
DESIGN N
FUNCTIONAL SUPERVISOR: SAVAT KHAMPHOU
CALCULATED-DESIGNED BY: W.K.TSAO
CHECKED BY: MAINUL KHAN
REVISED BY
DATE REVISED

LAST REVISION 12-30-09
DATE PLOTTED => 17-FEB-2010
TIME PLOTTED => 10:13

BORDER LAST REVISED 4/11/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trienard
DGN FILE => 080m140ob001.dgn
CU 08228
EA 0M1401

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	7	20

02-03-10
REGISTERED CIVIL ENGINEER DATE

2-16-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MICHAEL APANTE
No. E 17164
Exp. 9-30-11
CIVIL
STATE OF CALIFORNIA

PROJECT NOTES (THIS SHEET ONLY):

1 RS CHANGEABLE MESSAGE SIGN (MODEL 500).

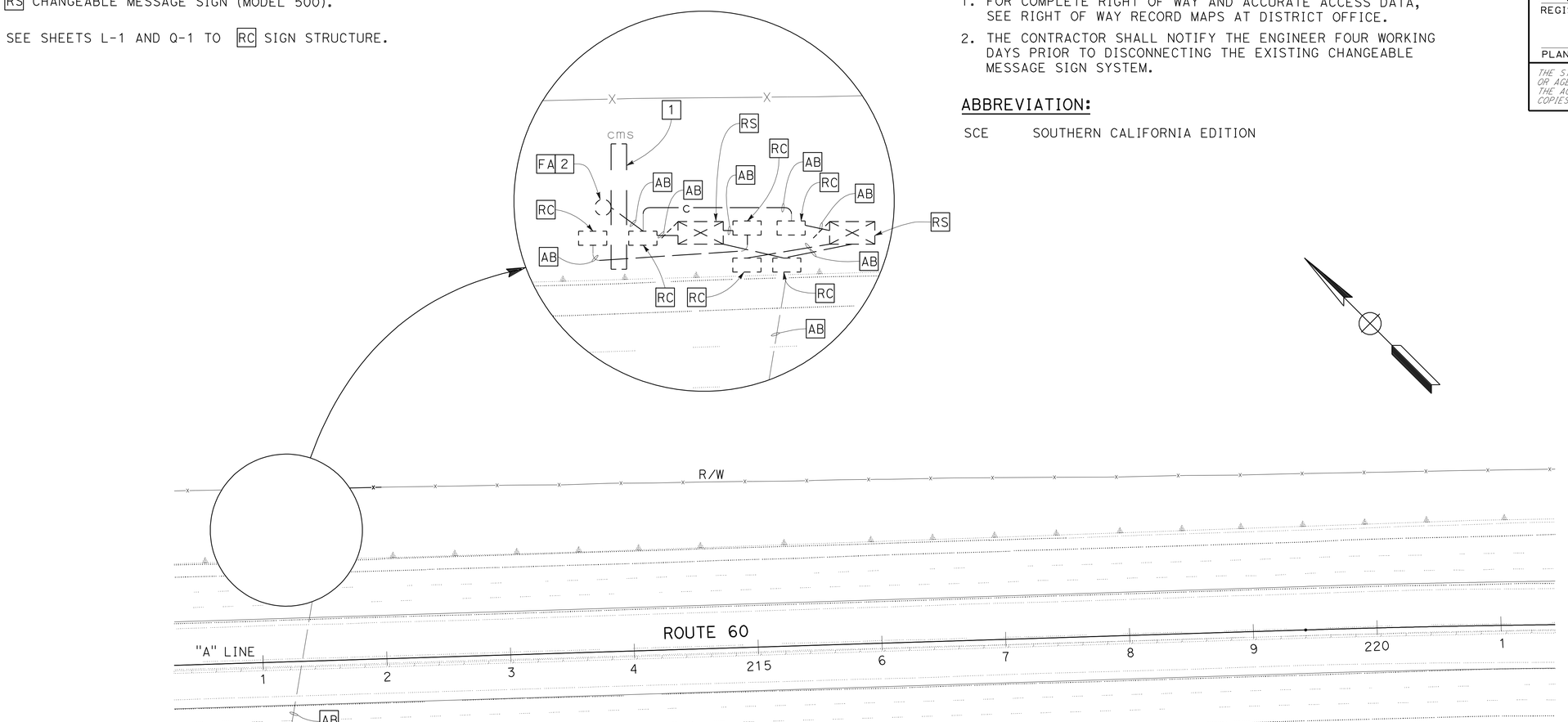
2 SEE SHEETS L-1 AND Q-1 TO RC SIGN STRUCTURE.

GENERAL NOTES (THIS SHEET ONLY):

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.
2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOUR WORKING DAYS PRIOR TO DISCONNECTING THE EXISTING CHANGEABLE MESSAGE SIGN SYSTEM.

ABBREVIATION:

SCE SOUTHERN CALIFORNIA EDITION



RS Exist 120/240 V, TYPE III-CF SERVICE EQUIPMENT ENCLOSURE WITH:

100 A, 240 V, 2P, CB MAIN BREAKER (TC-1)
30 A, 120 V, 1P, CB (CONTROLLER)
15 A, 120 V, 1P, CB (CMS RECEPTACLE 1)
15 A, 120 V, 1P, CB (CMS RECEPTACLE 2)
30 A, 120 V, 1P, CB (SPARE)
80 A, 120 V, 1P, CB (CMS)
80 A, 120 V, 1P, CB (CMS)
30 A, 120 V, 1P, CB (CMS)

9421 BEN NEVIS Blvd, GLEN AVON
CALTRANS ID No.: 08-56-060-0-003.880-M

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

REMOVE EXISTING CHANGEABLE MESSAGE SIGN SYSTEM

SCALE: 1" = 50′

E-1

CALCULATED-DESIGNED BY: MICHAEL APANTE
CHECKED BY: HARRY UMEMOTO
FUNCTIONAL SUPERVISOR: DAVID A. GONZALEZ
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN A

REVISED BY | DATE REVISED

LAST REVISION | DATE PLOTTED => 17-FEB-2010
02-01-10 | TIME PLOTTED => 10:13

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	8	20

Michael Apante 02-03-10
REGISTERED CIVIL ENGINEER DATE

2-16-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MICHAEL APANTE
No. E 17164
Exp. 9-30-11
CIVIL
STATE OF CALIFORNIA

PROJECT NOTES (THIS SHEET ONLY):

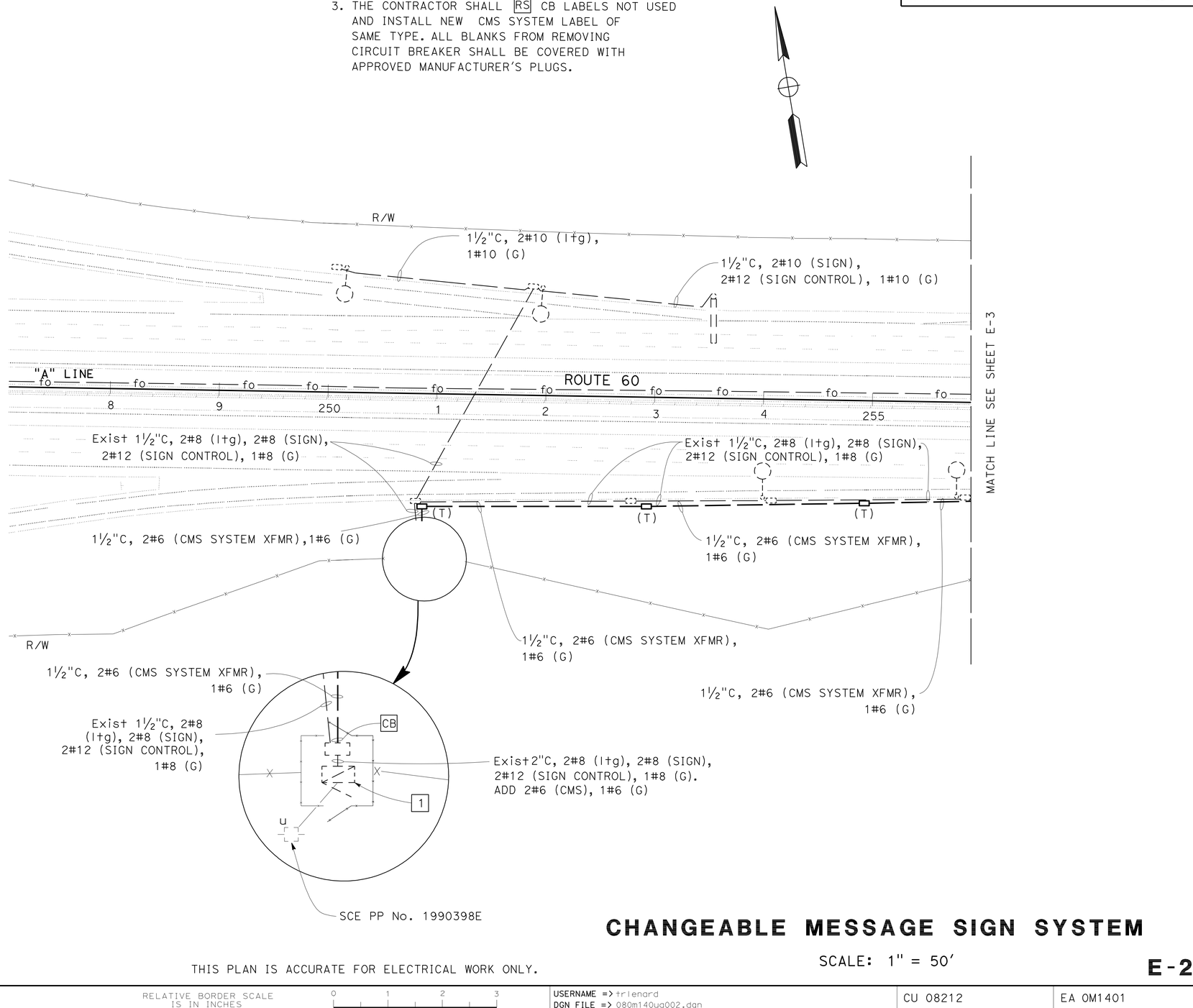
1 EXISTING TYPE III-CF 240/480 V SERVICE EQUIPMENT ENCLOSURE

METER A: 100 A, 480 V, 2P, CB (MAIN) LS-3
30 A, 480 V, 2P, CB (LIGHTING)
30 A, 240 V, 1P, CB (SIGN)
15 A, 240 V, 1P, CB (CONTROL)
RS 30 A, 480 V, 2P, CB (TMS)
RS 50 A, 240 V, 1P, CB (SIGNAL)
RS 30 A, 240 V, 1P, CB (RAMP METER)
CALTRANS ID No: 08-56-060-0-004.548-L
3602 PEDLEY ROAD, GLEN AVON

METER B: 100 A, 480 V, 2P, CB (MAIN) TC-1
ADD 20 A, 480 V, 2P CB (CMS SYSTEM STEP-DOWN XFMR)
CALTRANS ID No: 08-56-060-0-004.708-M
3602B PEDLEY ROAD, GLEN AVON

GENERAL NOTES (THIS SHEET ONLY):

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.
2. ALL PULL BOXES SHALL BE RECESSED 6" FROM FINISHED GRADE. THE CONTRACTOR SHALL MARK THE LOCATION OF PULL BOXES WITH GPS COORDINATES IN DEGREES, MINUTES, SECONDS NORTH AND DEGREES, MINUTES, SECONDS WEST.
3. THE CONTRACTOR SHALL RS CB LABELS NOT USED AND INSTALL NEW CMS SYSTEM LABEL OF SAME TYPE. ALL BLANKS FROM REMOVING CIRCUIT BREAKER SHALL BE COVERED WITH APPROVED MANUFACTURER'S PLUGS.



THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

CHANGEABLE MESSAGE SIGN SYSTEM

SCALE: 1" = 50'

E-2

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: MICHAEL APANTE
CHECKED BY: HARRY UMEMOTO
FUNCTIONAL SUPERVISOR: DAVID A. GONZALEZ
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN A

LAST REVISION | DATE PLOTTED => 17-FEB-2010
02-01-10 | TIME PLOTTED => 10:13

BORDER LAST REVISED 4/11/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trlenard
DGN FILE => 080m140ua002.dgn
CU 08212
EA 0M1401

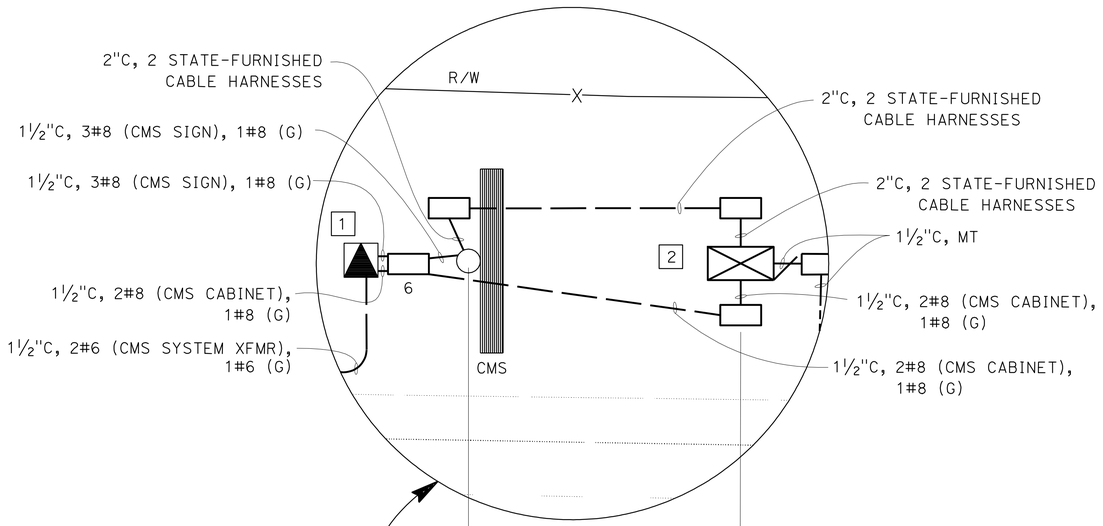
PROJECT NOTES (THIS SHEET ONLY):

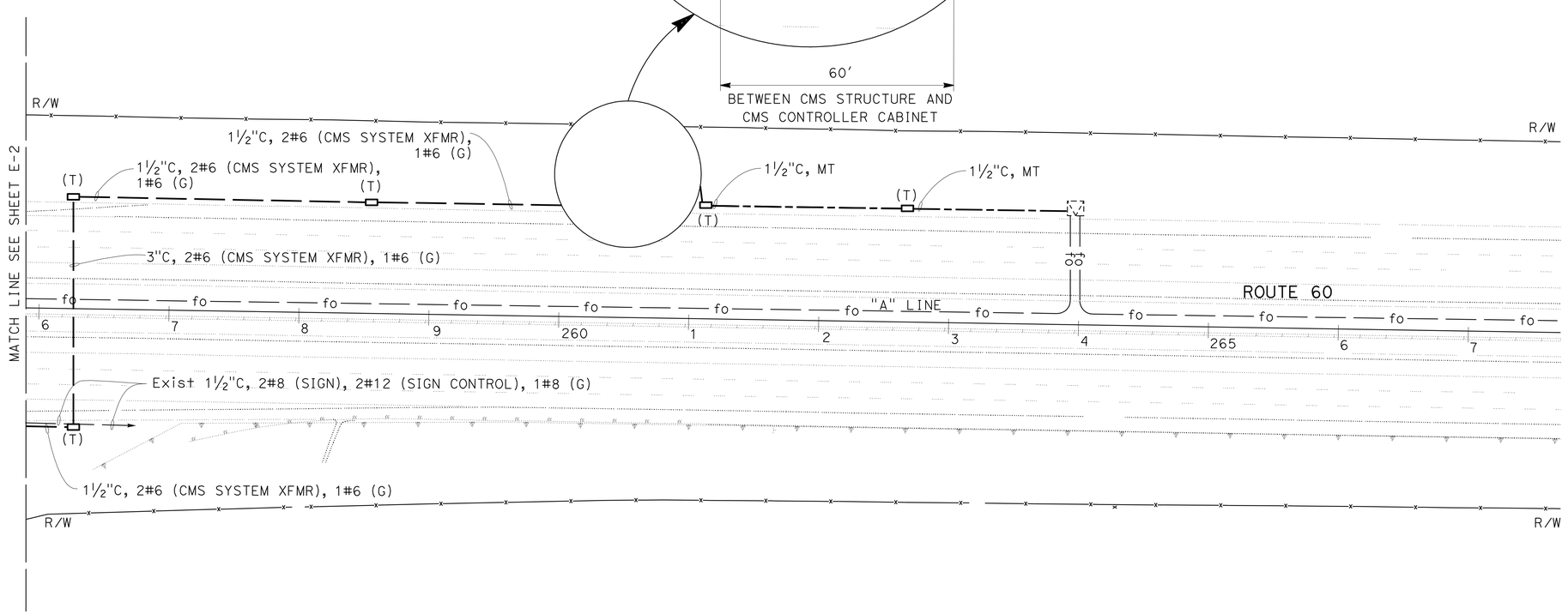
1 INSTALL 10 kVA, 480-120/240 V, Ø1 PAD MOUNTED STEP-DOWN XFMR
NEMA 3R PANEL AT XFMR PRIMARY WITH
20 A, 480 V, 2P CB (DISCONNECT)
NEMA 3R PANEL AT XFMR SECONDARY WITH
40 A, 240 V, 2P CB (CMS SIGN)
30 A, 120 V, 1P CB (CMS CABINET)
INSTALL (SEE SHEET E-4 FOR SYSTEM WIRING DIAGRAM)

2 INSTALL STATE-FURNISHED MODEL 170E CONTROLLER ASSEMBLY AND FOUNDATION.

LEGEND:

EXISTING FIBER OPTIC SPLICE VAULT





GENERAL NOTES (THIS SHEET ONLY):

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.
2. ALL PULL BOXES SHALL BE RECESSED 6" FROM FINISHED GRADE. THE CONTRACTOR SHALL MARK THE LOCATION OF THE PULL BOXES WITH GPS COORDINATES IN DEGREES, MINUTES, SECONDS NORTH AND DEGREES, MINUTES, SECONDS WEST.

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

CHANGEABLE MESSAGE SIGN SYSTEM

SCALE: 1" = 50'

E-3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	9	20

Michael Apante 02-03-10
REGISTERED CIVIL ENGINEER DATE

2-16-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MICHAEL APANTE — No. E 17164 — Exp. 9-30-11 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REVISED BY | DATE REVISED
MICHAEL APANTE | HARRY UMEMOTO
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: DAVID A. GONZALEZ
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN A

LAST REVISION | DATE PLOTTED => 17-FEB-2010
02-01-10 | TIME PLOTTED => 10:13

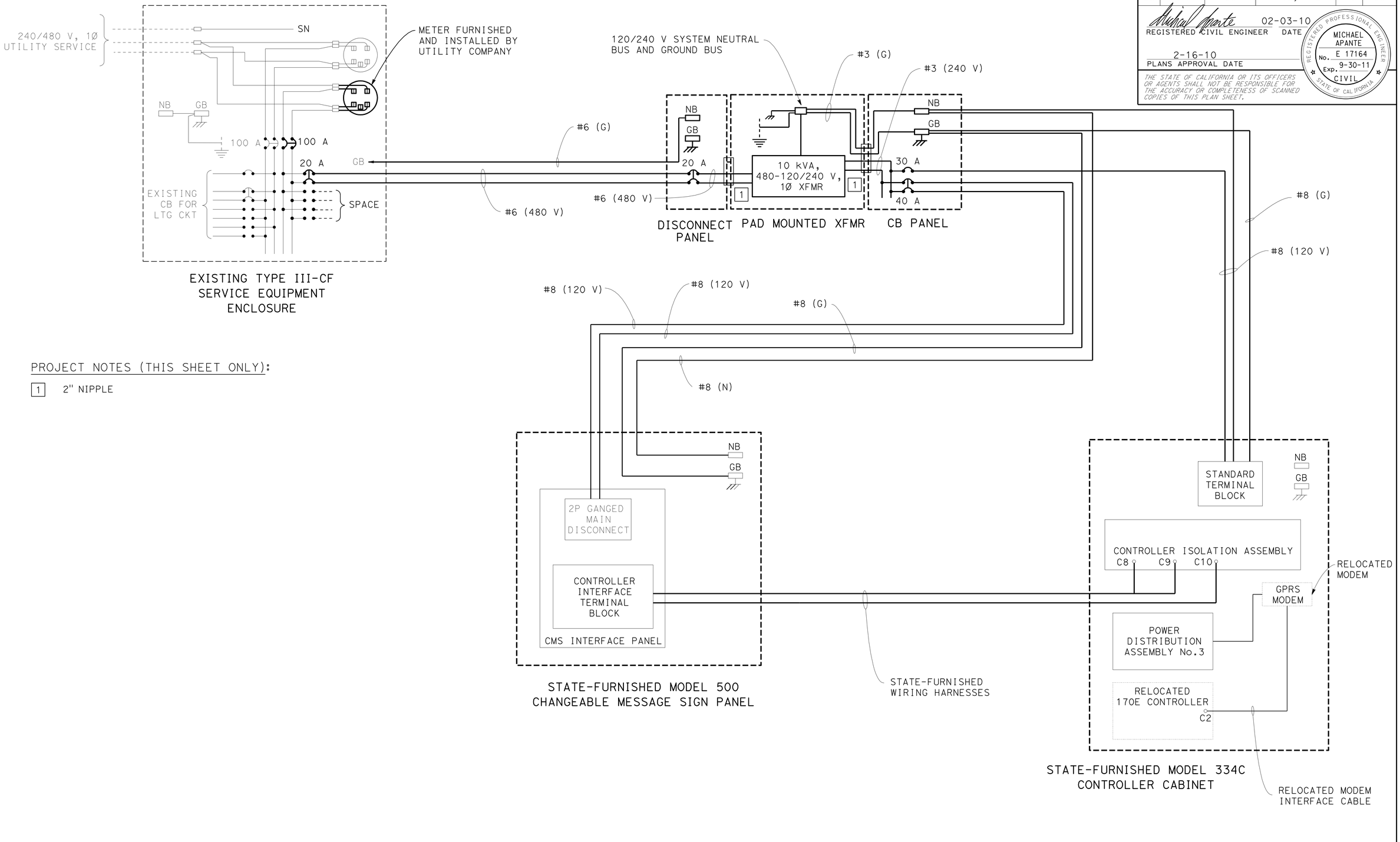
BORDER LAST REVISED 4/11/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trlenard
DGN FILE => 080m140ua003.dgn
CU 08212
EA 0M1401

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	10	20

REGISTERED CIVIL ENGINEER — 02-03-10 DATE

2-16-10 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MICHAEL APANTE — No. E 17164 — Exp. 9-30-11 — CIVIL — STATE OF CALIFORNIA



PROJECT NOTES (THIS SHEET ONLY):

[1] 2" NIPPLE

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

CHANGEABLE MESSAGE SIGN SYSTEM

(SYSTEM WIRING DIAGRAM)

NO SCALE

E-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	ELECTRICAL DESIGN A
FUNCTIONAL SUPERVISOR	DAVID A. GONZALEZ
CALCULATED-DESIGNED BY	
CHECKED BY	
REVISED BY	MICHAEL APANTE
DATE REVISED	HARRY UMEMOTO

LAST REVISION 02-01-10 | DATE PLOTTED => 24-FEB-2010 | TIME PLOTTED => 07:43

BORDER LAST REVISED 4/11/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trlenard | DGN FILE => 080m140ua004.dgn | CU 08212 | EA 0M1401

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	11	20

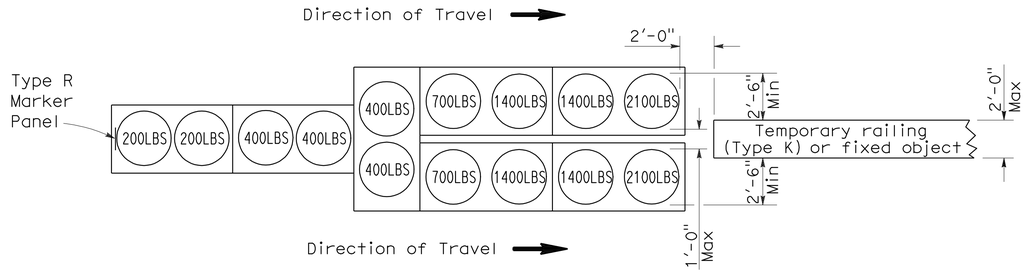
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

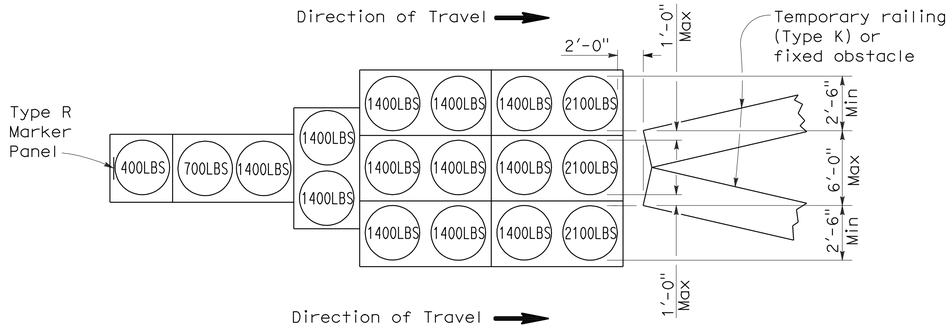
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 2-16-10



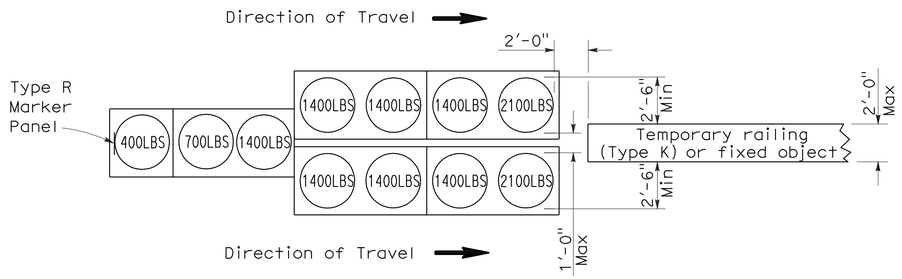
ARRAY 'TU14'

Approach speed 45 mph or more



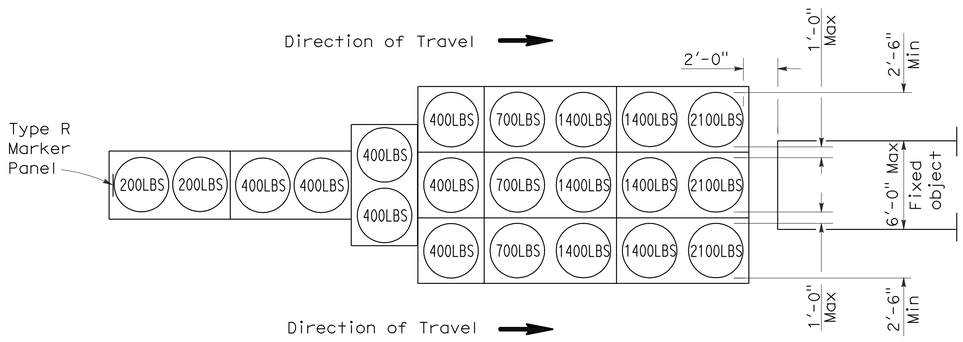
ARRAY 'TU17'

Approach speed less than 45 mph



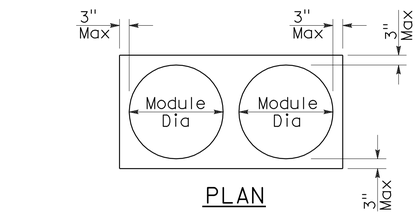
ARRAY 'TU11'

Approach speed less than 45 mph

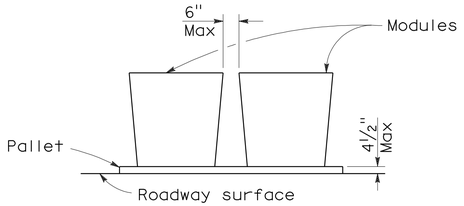


ARRAY 'TU21'

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 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

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	12	20

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

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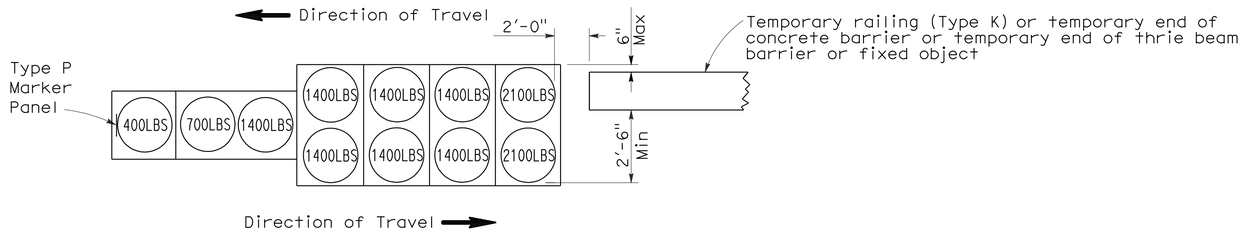
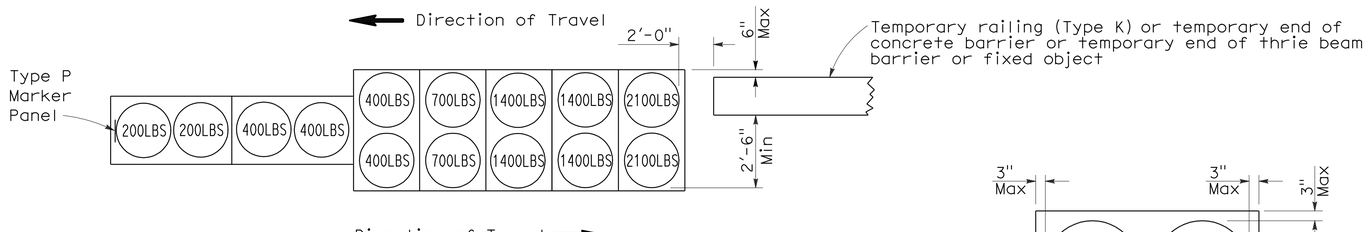
To accompany plans dated 2-16-10



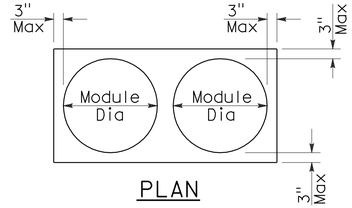
ARRAY 'TB11'

Approach speed less than 45 mph

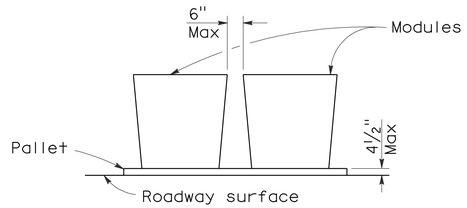


ARRAY 'TB14'

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

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	13	20

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

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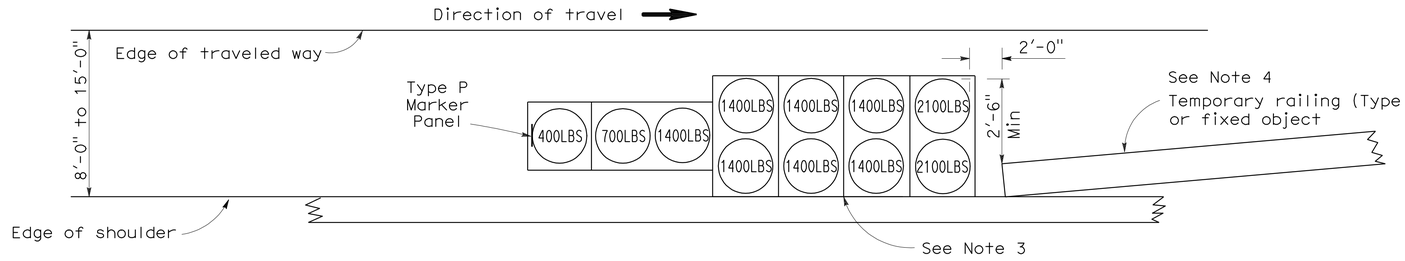
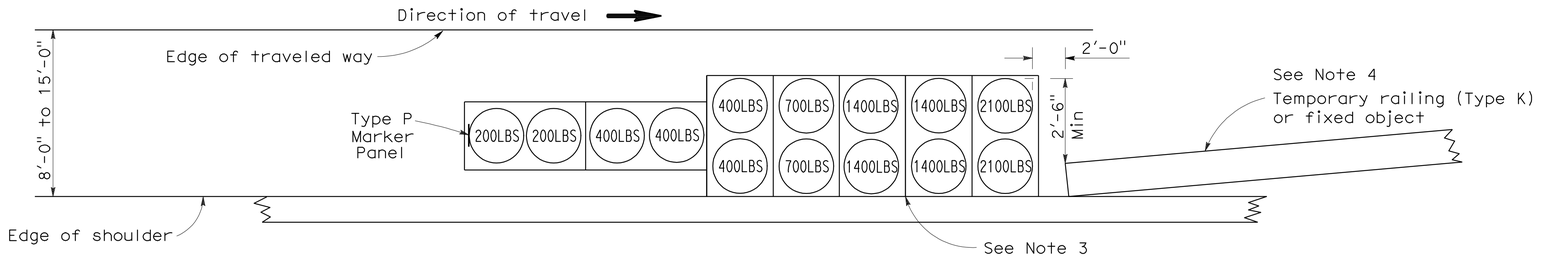
To accompany plans dated 2-16-10



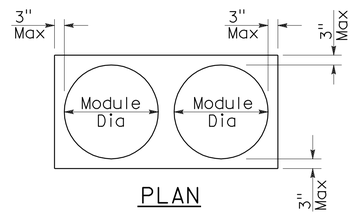
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

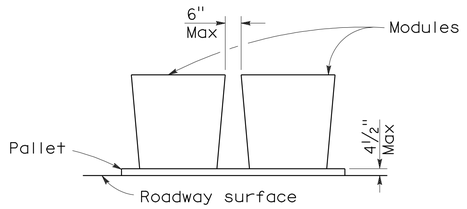


ARRAY 'TS14'

Approach speed 45 mph or more
See Note 9



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 11

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. 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.
4. 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.
5. Temporary crash cushion arrays shall not encroach on the traveled way.
6. Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
7. Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
8. Refer to Standard Plan A73B for marker details.
9. 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.
10. Approach speeds indicated conform to NCHRP 350 Report criteria.
11. Use of pallets is optional.

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

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	14	20

Robert B Schott
LICENSED LANDSCAPE ARCHITECT

August 15, 2008
PLANS Approval DATE

LICENSED LANDSCAPE ARCHITECT — Robert B. Schott 3825 — Signature 11-04-08 Renewal Date — 08-11-08 Date — STATE OF CALIFORNIA

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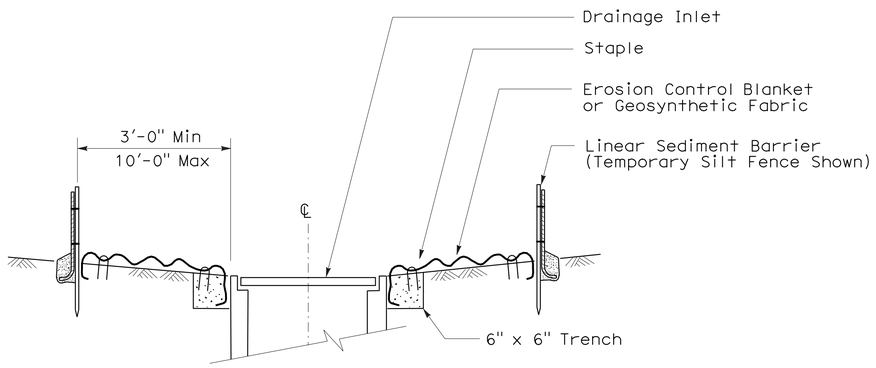
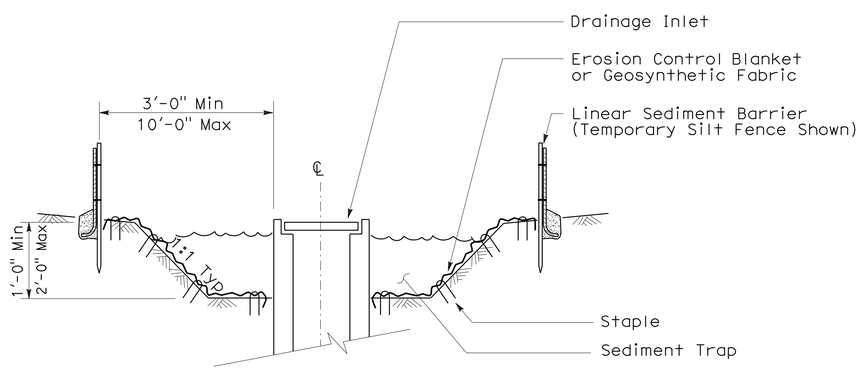
To accompany plans dated 2-16-10



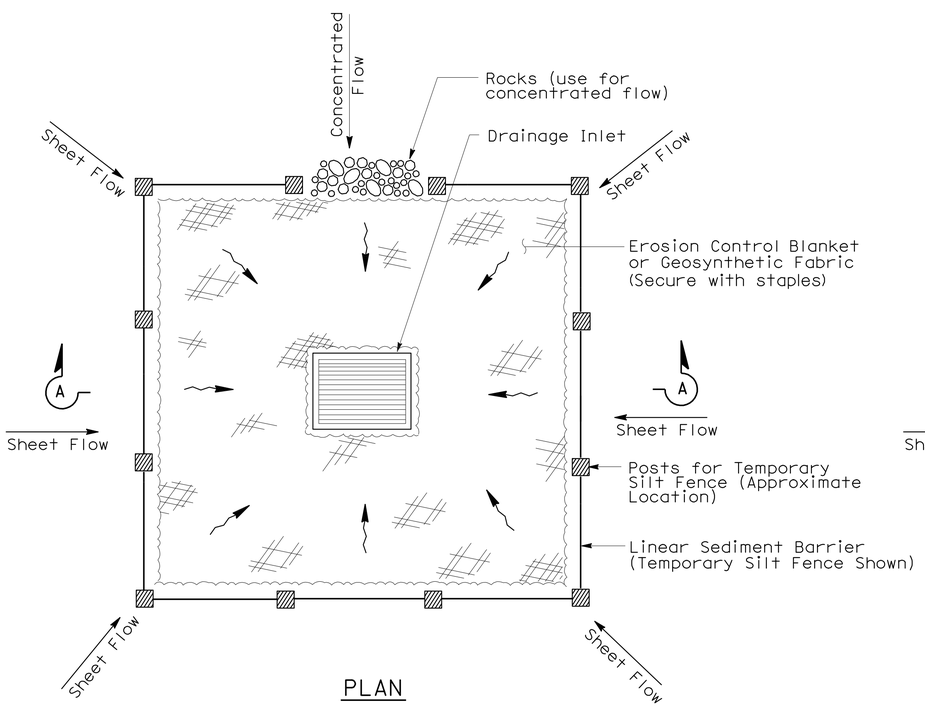
SECTION A-A



SECTION B-B

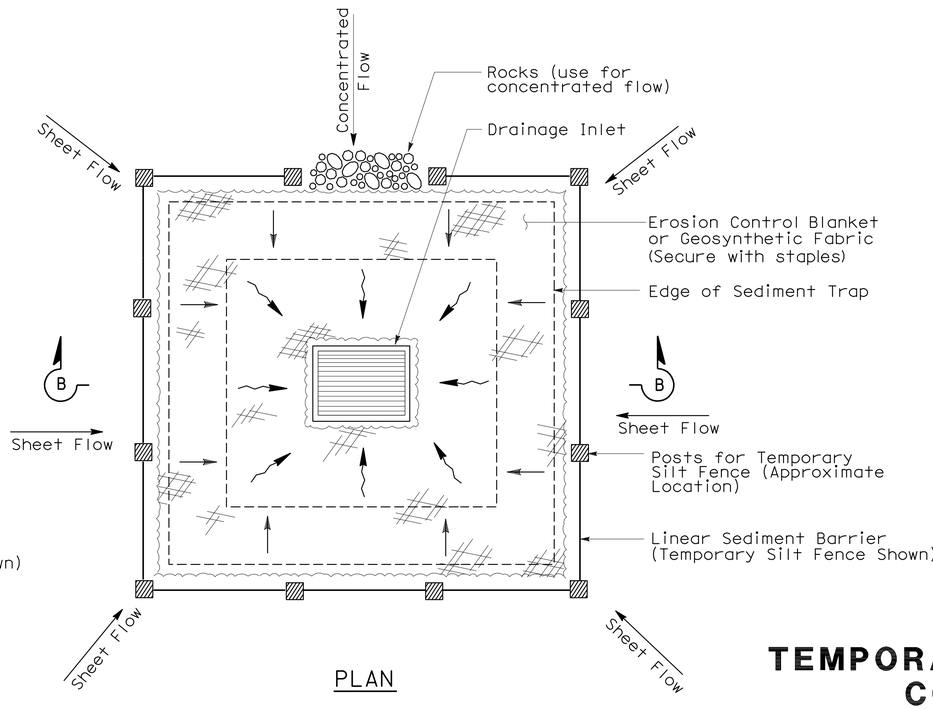
NOTES:

1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.



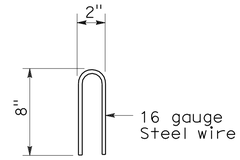
PLAN

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 1)



PLAN

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 2) (EXCAVATED SEDIMENT TRAP)



STAPLE DETAIL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

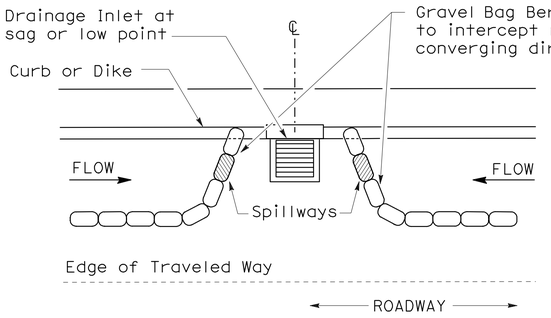
NO SCALE

NSP T61 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP T61

2006 NEW STANDARD PLAN NSP T61

7-11-08



PLAN

CONFIGURATION FOR SAG POINT INLET (GRAVEL BAG BERM)

GRAVEL BAG BERM (TYPE 3A) SPACING TABLE

SLOPE OF ROADWAY (PERCENT)	1 to 3.9	4 to 5.9	6 to 7.9	8 to 10	10+
INTERVAL BETWEEN BERM	100′	75′	50′	25′	12′

For slope of less than 1%, install barriers only if erosion/sediment is prevalent

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	15	20

Robert B Schott
LICENSED LANDSCAPE ARCHITECT

August 15, 2008
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Robert B. Schott 3825 — Signature — 11-04-08 Renewal Date — 08-11-08 Date — STATE OF CALIFORNIA

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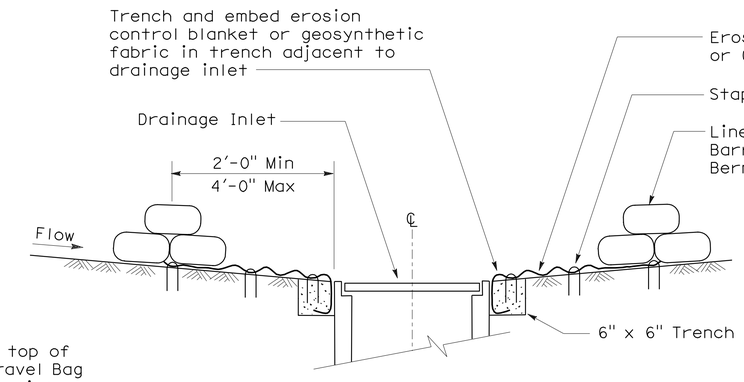
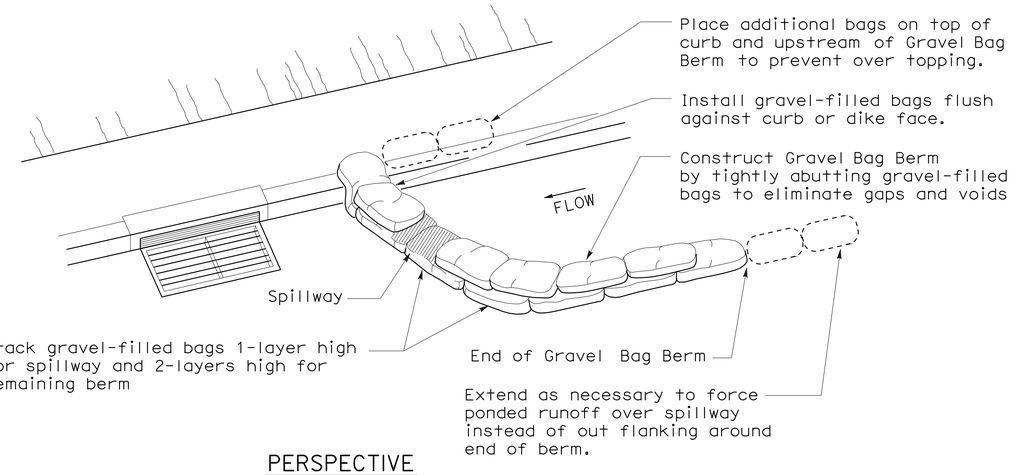
To accompany plans dated 2-16-10



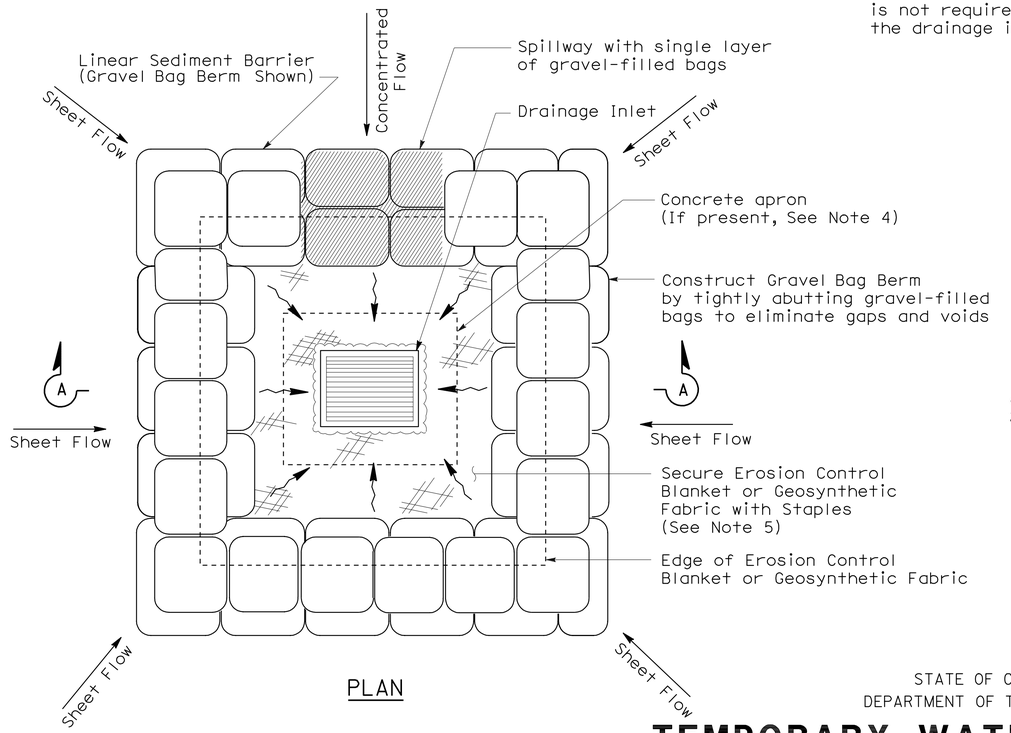
SECTION A-A

NOTES:

1. Place safety cones adjacent to drainage inlet protection.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 gravel bag berms upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
5. Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated or paved.

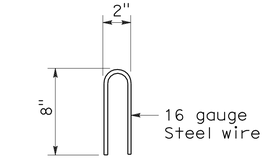


PERSPECTIVE

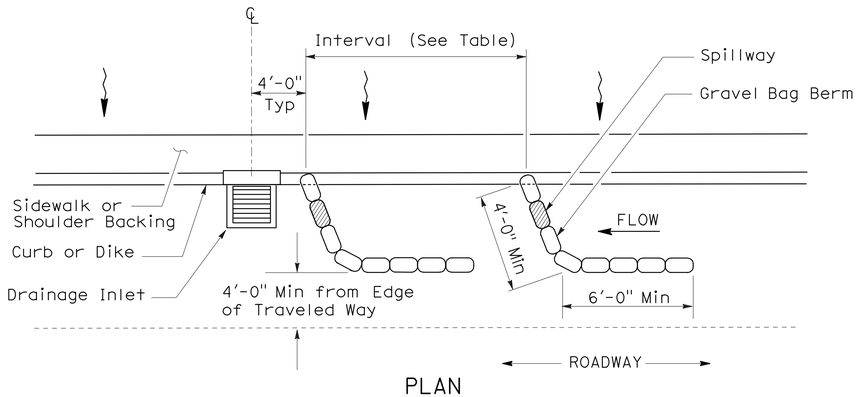


PLAN

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3B)



STAPLE DETAIL



PLAN

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3A) (GRAVEL BAG BERM)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

NO SCALE

NSP T62 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP T62

2006 NEW STANDARD PLAN NSP T62

7-11-08

FLEXIBLE SEDIMENT BARRIER SPACING TABLE

SLOPE OF ROADWAY (PERCENT)	0 to 0.9	1 to 1.9	2 to 2.9	3 to 4	5+
INTERVAL BETWEEN BARRIERS	50′	35′	30′	25′	20′
ANGLE FROM FACE OF CURB	70°	70°	70°	45°	45°
SUGGESTED BARRIER LENGTH	6′	6′	6′	6′	6′

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	16	20

Robert B Schott
LICENSED LANDSCAPE ARCHITECT

August 15, 2008
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Robert B. Schott 3825 — Signature — 11-04-08 Renewal Date — 08-11-08 Date — STATE OF CALIFORNIA

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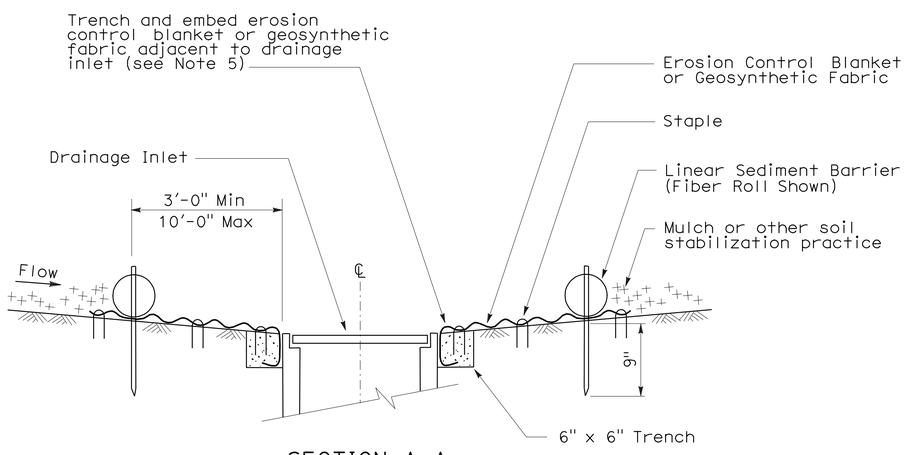
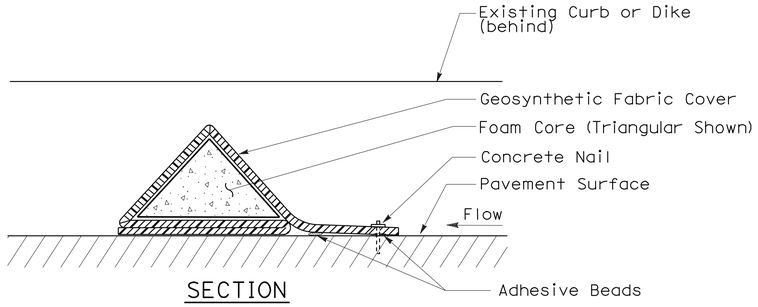
To accompany plans dated 2-16-10

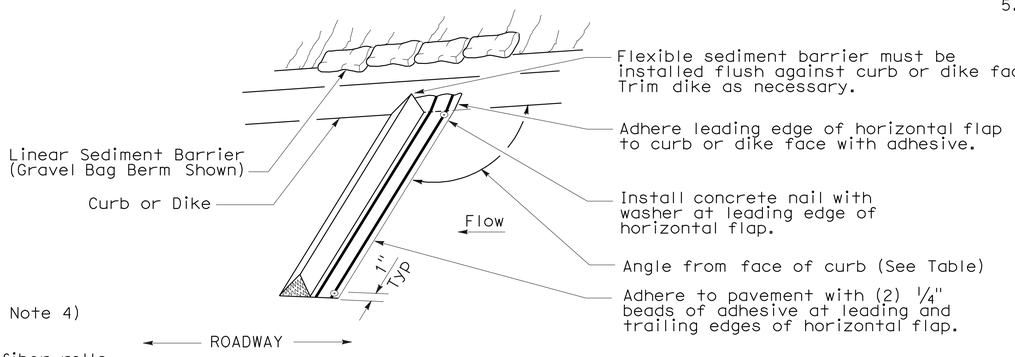


SECTION A-A



SECTION

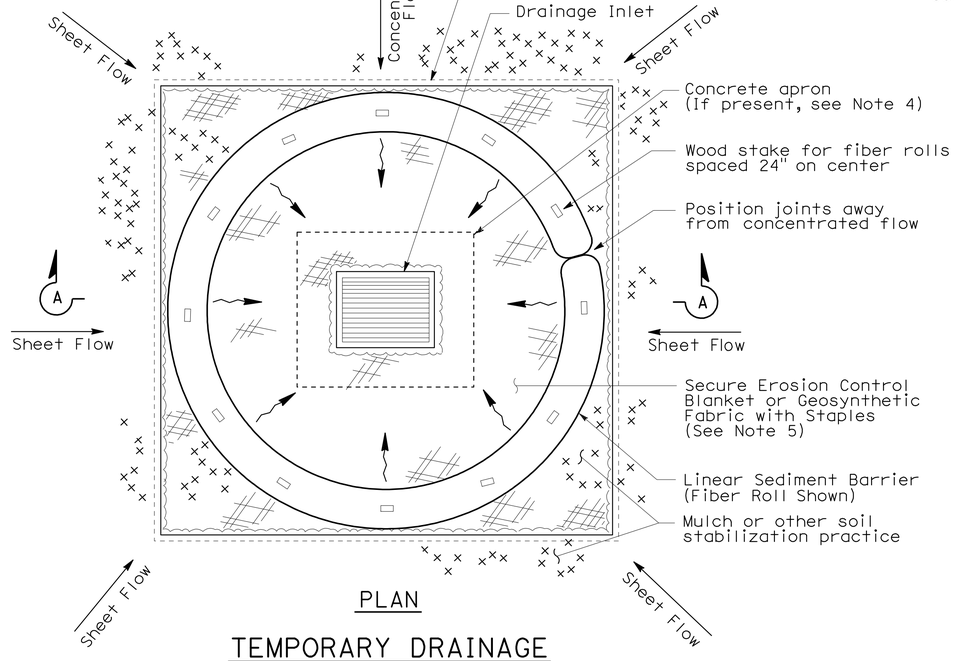
FLEXIBLE SEDIMENT BARRIER DETAIL (FOAM BARRIER SHOWN)



PERSPECTIVE

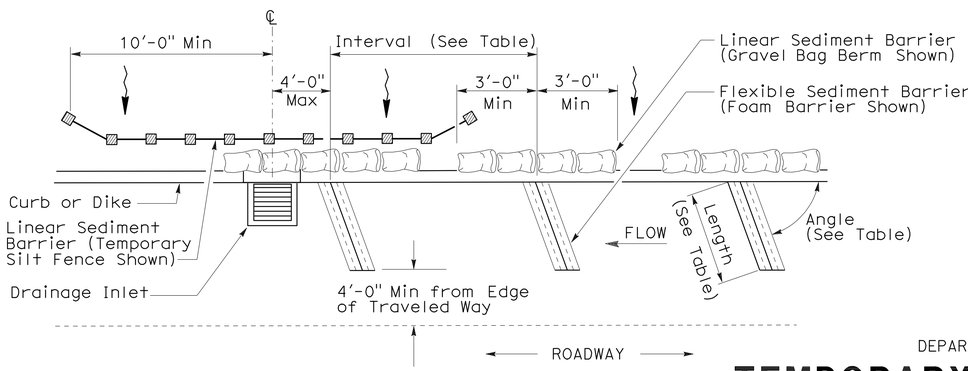
NOTES:

1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 flexible sediment barriers upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
5. Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated.



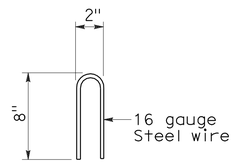
PLAN

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4A)



PLAN

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4B) FLEXIBLE SEDIMENT BARRIER



STAPLE DETAIL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

NO SCALE

NSP T63 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP T63

2006 NEW STANDARD PLAN NSP T63

7-11-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	17	20

Robert B Schott
LICENSED LANDSCAPE ARCHITECT

August 15, 2008
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Robert B. Schott 3825 — Signature — 11-04-08 Renewal Date — 08-11-08 Date — STATE OF CALIFORNIA

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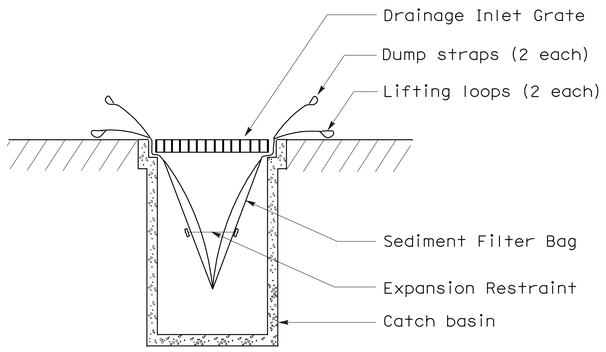
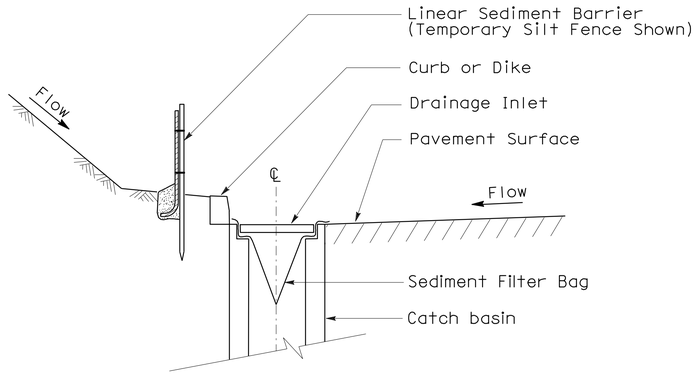
To accompany plans dated 2-16-10

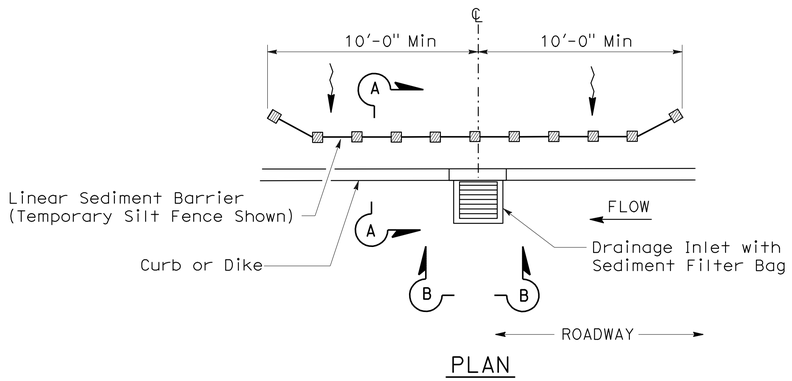


SECTION B-B

SEDIMENT FILTER BAG DETAIL

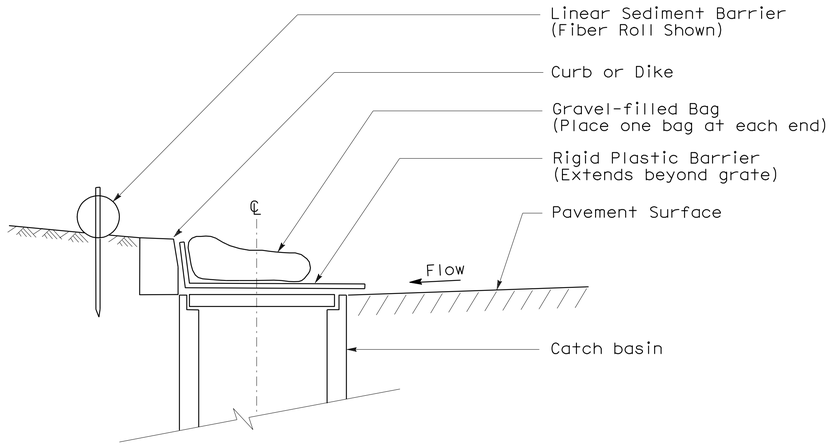


SECTION A-A



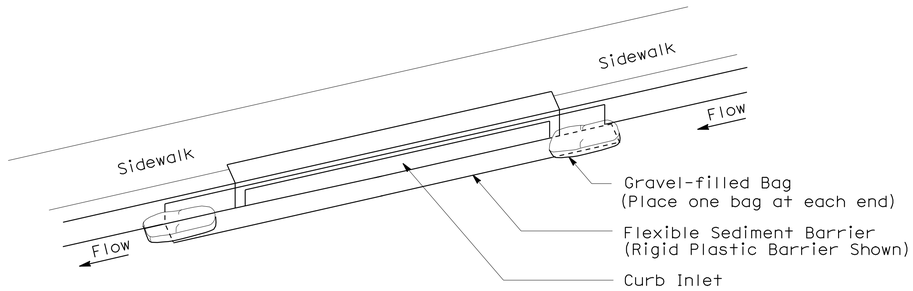
PLAN

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 5) (SEDIMENT FILTER BAG)



SECTION

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 6A) (CATCH BASIN WITH GRATE)



PERSPECTIVE

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 6B) (CURB INLET WITHOUT GRATE)

NOTES:

1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

NO SCALE

NSP T64 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP T64

2006 NEW STANDARD PLAN NSP T64

7-11-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	18	20

Jeffrey G. McRae
REGISTERED ELECTRICAL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
Jeffery G. McRae
No. E14512
Exp. 6-30-08
ELECTRICAL
STATE OF CALIFORNIA

October 5, 2007
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 2-16-10

ELECTROLIERS

STANDARD TYPES
15, 15D
15 STRUCTURE
21, 21D STRUCTURE
30
31
32
35
36-20A

High mast light pole

Double Arm lighting standard

Existing electrolier

Electrolier foundation (Future installation)

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.

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,
MAS-4B	mas-4B	side attachment - 4 signal section
MAS-4C	mas-4C	
MAS-5A	mas-5A	Mast arm mounting vehicle signal faces,
MAS-5B	mas-5B	side attachment - 5 signal section
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

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.

(M) 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

7-10-07

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	19	20

Jeffery G. McRae
REGISTERED ELECTRICAL ENGINEER

October 5, 2007
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Jeffery G. McRae
No. E14512
Exp. 6-30-08
ELECTRICAL
STATE OF CALIFORNIA

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To accompany plans dated 2-16-10

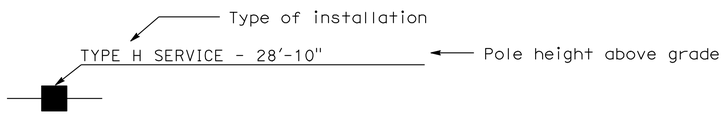
CONDUIT

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 (RSP ES-9A C)
R	r	Conduit riser in/on structure or service pole

SERVICE EQUIPMENT

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

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
PV	PV	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
R	Y	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

SIGNAL EQUIPMENT Cont

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

NOTES:

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

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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

7-10-07

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	60	R4.0,R4.9	20	20

Jeffery G. McRae
REGISTERED ELECTRICAL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
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EQUIPMENT IDENTIFICATION

ILLUMINATED SIGN IDENTIFICATION NUMBER:

Sign No. 12345 — Sign number - Place on post or structure

10 ISL SCI 1.0
- 1.0 — Transformer rating (kVA)
- SCI — Lighting control type
- ISL — Number and type of fixtures

Do NOT place on standard or structure

ELECTROLIER OR EQUIPMENT IDENTIFICATION NUMBER:

12345 - 15'-0"
- 15'-0" — Mast arm length, if shown. Do not place on standard or structure.
- 12345 — Equipment number - Place on standard or structure. Existing equipment numbers are shown in parenthesis

CONDUIT AND CONDUCTOR IDENTIFICATION:

1½"C, 2#10, 15#14, 2 DLC
- 2#10, 15#14, 2 DLC — Number and size of conductors and cables
- 1½"C — Size of conduit in inches

ø1, ø2, ø2P, etc. — Traffic phase identification for signal faces, detectors and phase diagrams

[1] [2] [3] — Project note numbers

(A) (B) (C) — Equipment description, installation or item numbers

△1 △2 △3 — Conduit run numbers

SIGNAL AND LIGHTING STANDARD (TYPICAL DESIGNATION):

19A - 3 - 100
- 100 — Wind velocity = 100 mph
- 3 — Case 3 arm loading
- 19A — Standard type
- Standard Plan sheet number
- Detail number or letter

MISCELLANEOUS EQUIPMENT

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

WIRING DIAGRAM LEGEND

P	Pole
CB	Circuit breaker
A	Ampere
V	Volt
M	Metered
UM	Unmetered
NB	Neutral bus
GB	Ground bus
G	Equipment grounding conductor
N	Grounded conductor (Neutral)

- External conductor
- Conductor or bus
- Tie point
- Contactor coil
- Contactor, Contact NO
- Terminal blocks
- Contactor, Contact NC
- Enclosure bond
- Grounding electrode
- Circuit breaker
- Receptacle

PULL BOXES

PROPOSED	EXISTING	
		Pull box-No. 5 unless otherwise indicated or noted.
3	9A(21)	Pull box-Additional designations or descriptions

3 = No. 3½ pull box
5 = No. 5 pull box
6 = No. 6 pull box
7 = No. 7 (Ceiling pull box)
8 = No. 8 (Pendant soffit pull box)
9 = No. 9 pull box
9A = No. 9A pull box

(C) = Communications pull box
(E) = Pull box with extension
(S) = Sprinkler control pull box
(21) = Anchor bolts and conduit for future installation of Type 21 Standard
(T) = Traffic pull box

VEHICLE DETECTORS

5 J 9 U
- 9 — Vehicle detector designation
- J — Input file (I or J)
- 5 — Slot number in input file
- U — U = Upper, L = Lower
- Phase

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
DH	dh	Detector handhole
		Microwave or video detection zone

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2006 REVISED STANDARD PLAN RSP ES-1C

7-10-07