INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	TEMPORARY WATER POLLUTION CONTROL QUANTITIES
3-4	CONSTRUCTION AREA SIGNS
5	PAVEMENT DELINEATION QUANTITIES
6-11	REVISED AND NEW STANDARD PLANS
	STRUCTURE PLANS
12-13	GENERAL PLANS, MISCELLANEOUS DETAILS

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

ACBRIM-010-5(047)242E
BR-010-A(213)A

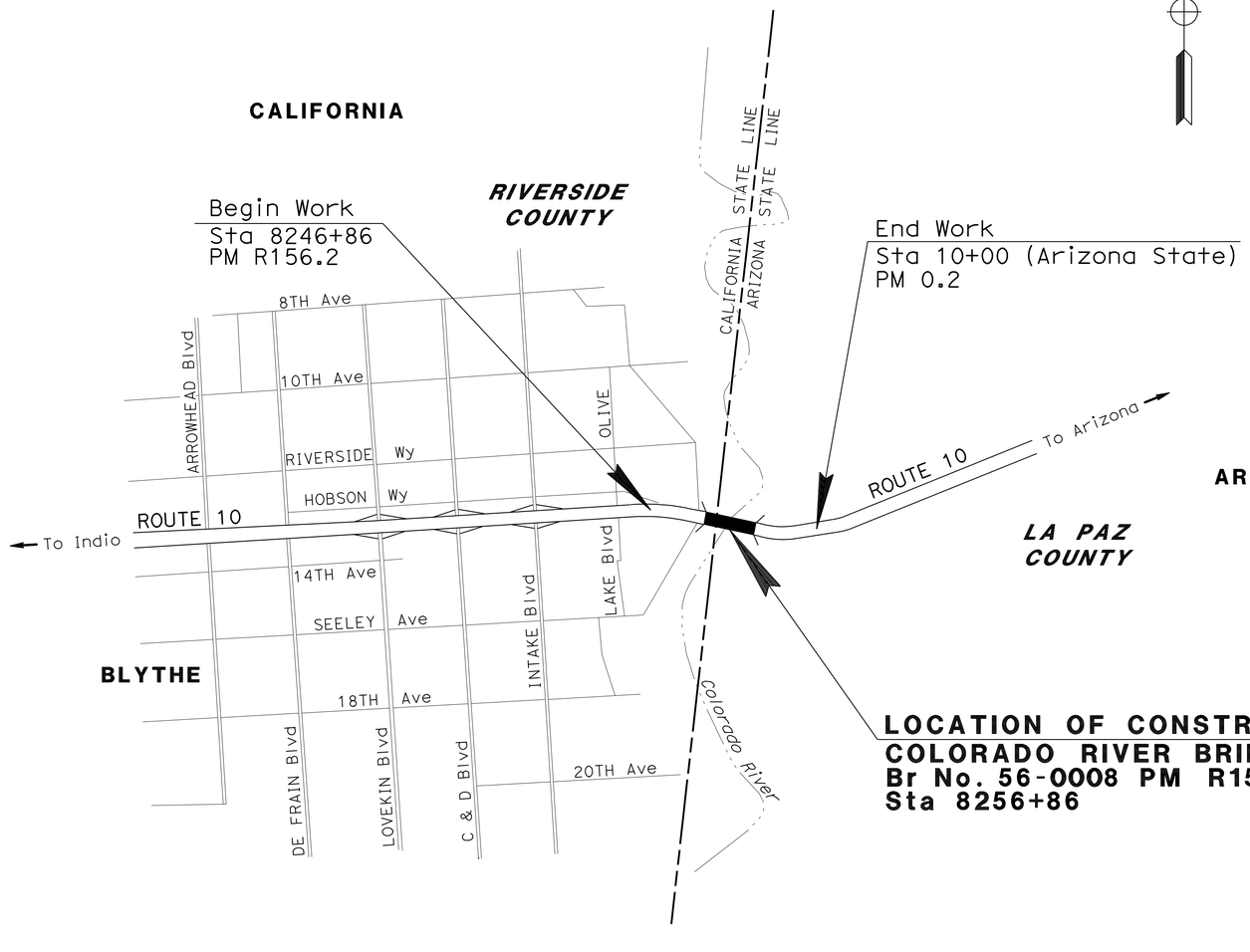
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv, LA PAZ	10	R156.4	1	13

PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

IN RIVERSIDE COUNTY, CALIFORNIA AND IN LA PAZ COUNTY, ARIZONA IN BLYTHE AT COLORADO RIVER BRIDGE

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



REGISTERED PROFESSIONAL ENGINEER CERTIFICATE NO. 51198 JUSTINE NIU Date Signed 8-16-10 ARIZONA U.S.A. EXPIRES 9-30-13

8-16-10
PROJECT ENGINEER — DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER ANH PHAN No. C62294 Exp. 9-30-11 CIVIL STATE OF CALIFORNIA

September 7, 2010
PLANS APPROVAL DATE

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.

PROJECT MANAGER: S. CROUCH
DESIGN ENGINEER: ANH PHAN

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

CONTRACT No.	08-0G3504
PROJECT ID	0800000200
CU 08220	EA 0G3501

LAST REVISION 08-16-10
DATE PLOTTED => 10-MAR-2011
TIME PLOTTED => 14:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv, LA PAZ	10	R156.4	2	13

Anh Phan 6-10-10
REGISTERED CIVIL ENGINEER DATE

9-7-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANH PHAN
No. C62294
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.

NOTE:

1. FOR TEMPORARY DRAINAGE INLET PROTECTION DETAILS, SEE 2006 NEW STANDARD PLAN NSP T62.

WATER POLLUTION CONTROL QUANTITY SUMMARY

DESCRIPTION	UNIT	QUANTITY
TEMPORARY DRAINAGE INLET PROTECTION	EA	2

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

WPCQ-1

REVISED BY | DATE REVISED
ANH PHAN | RENEE SASSE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: RENEE SASSE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® DESIGN

LAST REVISION 06-10-10
DATE PLOTTED => 07-SEP-2010
TIME PLOTTED => 13:34

BORDER LAST REVISED 4/11/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trrichf
DGN FILE => 80g350gd001.dgn
CU 08220
EA 0G3501

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv, LA PAZ	10	R156.4	3	13

Thanh Trinh 8-16-10
REGISTERED CIVIL ENGINEER DATE

9-7-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
THANH TRINH
No. C41189
Exp. 3-31-11
CIVIL
STATE OF CALIFORNIA

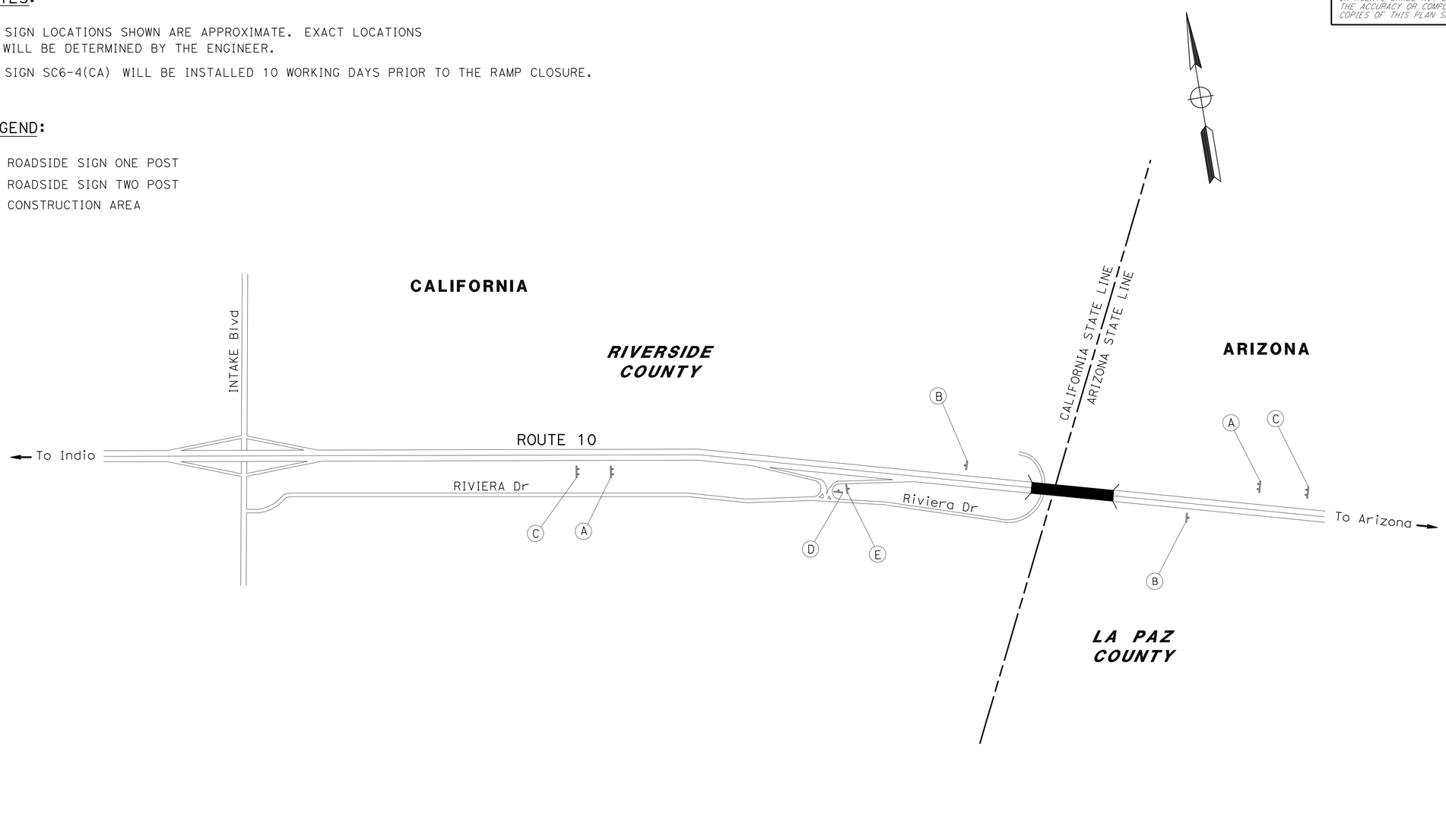
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. SIGN LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. SIGN SC6-4(CA) WILL BE INSTALLED 10 WORKING DAYS PRIOR TO THE RAMP CLOSURE.

LEGEND:

- ROADSIDE SIGN ONE POST
- ROADSIDE SIGN TWO POST
- CONSTRUCTION AREA



CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

THIS PLAN IS ACCURATE FOR CONSTRUCTION AREA SIGNS WORK ONLY

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
KEVIN NGUYEN	THANH TRINH		

FUNCTIONAL SUPERVISOR: BILL WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN A

LAST REVISION 08-16-10 | DATE PLOTTED => 07-SEP-2010 | TIME PLOTTED => 13:34

BORDER LAST REVISED 4/11/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trrichf
DGN FILE => 80g3501a001.dgn

CU 08380

EA 0G3501

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv, LA PAZ	10	R156.4	4	13

Thanh Trinh 6-10-10
REGISTERED CIVIL ENGINEER DATE

9-7-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
THANH TRINH
No. C41189
Exp. 3-31-11
CIVIL
STATE OF CALIFORNIA

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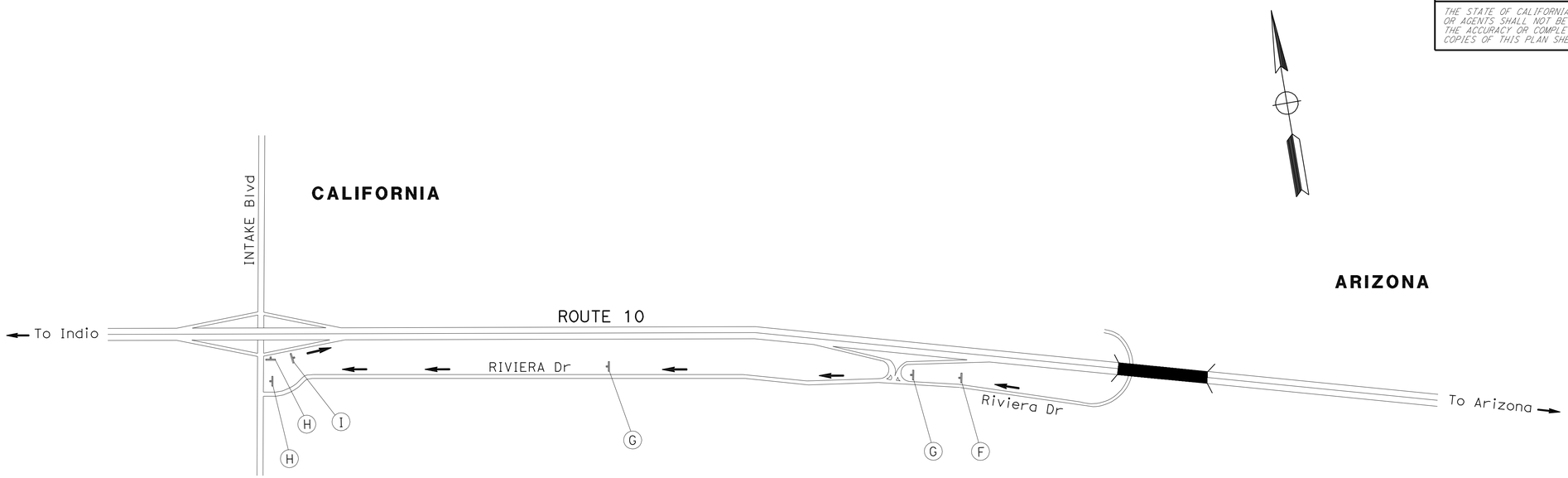

DETOUR FOR EB ROUTE 10 ENTRANCE RAMP CLOSURE FROM RIVIERA Dr

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SHEET NUMBER	SIGN No. (X)	SIGN CODE	SIGN MESSAGE	PANEL SIZE	No. OF POSTS AND SIZE	No. OF SIGNS (N)
CS-1	A	W20-1	ROAD WORK AHEAD	60" x 60"	2 - 4" x 6"	2
	B	G20-2	END ROAD WORK	48" x 18"	1 - 4" x 4"	2
	C	C40(CA)	TRAFFIC FINES DOUBLED IN WORK ZONES	72" x 36"	2 - 4" x 6"	2
	D	SC6-4(CA)	RAMP CLOSED	48" x 60"	1 - 6" x 6"	1
	E	W20-1	ROAD WORK AHEAD	48" x 48"	1 - 4" x 6"	1
CS-2	F	W20-2	DETOUR AHEAD	36" x 36"	1 - 4" x 4"	1
	G	M1-1(10)	ROUTE 10 SHIELD	36" x 36"	1 - 6" x 6"	2
		M3-2	EAST	24" x 12"		
		SC3(CA)	DETOUR ↑	48" x 18"		
	H	M1-1(10)	ROUTE 10 SHIELD	36" x 36"	1 - 6" x 6"	2
		M3-2	EAST	24" x 12"		
		M4-10R	DETOUR →	48" x 18"		
	I	M4-8A	END DETOUR	48" x 18"	1 - 4" x 4"	1

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

PORTABLE CHANGEABLE MESSAGE SIGNS

2 EA

CONSTRUCTION AREA SIGNS

NO SCALE

CS-2

THIS PLAN IS ACCURATE FOR CONSTRUCTION AREA SIGNS WORK ONLY

LAST REVISION DATE PLOTTED => 07-SEP-2010
TIME PLOTTED => 13:34
06-10-10

CALCULATED-DESIGNED BY: KEVIN NGUYEN
CHECKED BY: THANH TRINH
REVISED BY / DATE REVISED
FUNCTIONAL SUPERVISOR: BILL WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN A

BORDER LAST REVISED 4/11/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trrichf
DGN FILE => 80g3501a002.dgn

CU 08380

EA 0G3501

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv, LA PAZ	10	R156.4	5	13

Thanh Trinh 8-16-10
REGISTERED CIVIL ENGINEER DATE

9-7-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
THANH TRINH
No. C41189
Exp. 3-31-11
CIVIL
STATE OF CALIFORNIA

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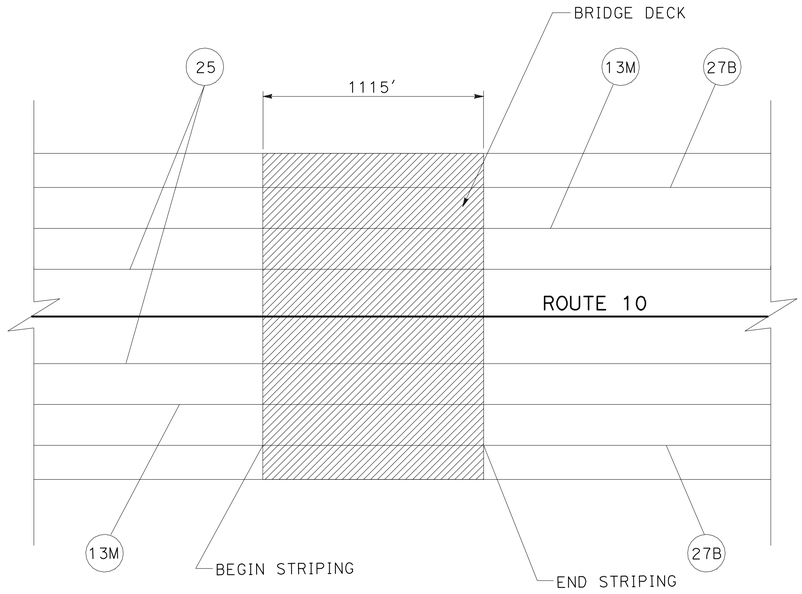
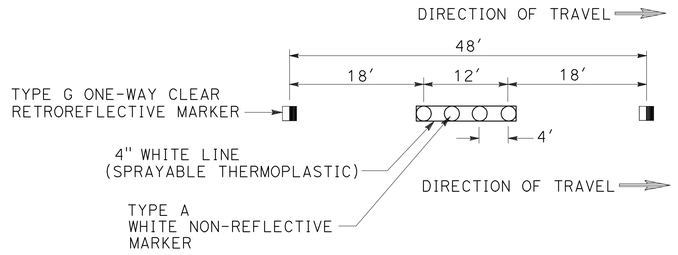


PLAN VIEW

TYPICAL HIGHWAY/BRIDGE

NO SCALE



DETAIL 13 MODIFIED (13M)

INSTALL TYPE A NON-REFLECTIVE MARKER WITH STRIPING DETAIL 13M
INSTALL TYPE A MARKER BEFORE STRIPING TO GET THE PROPER BONDING

PAVEMENT DELINEATION QUANTITIES

LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKER	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	REMOVE THERMOPLASTIC TRAFFIC STRIPE	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)		PAVEMENT MARKER (NON-REFLECTIVE)	PAVEMENT MARKER (RETROREFLECTIVE)	
					4" WHITE	4" YELLOW	TYPE A	TYPE G	TYPE H
		EA	LF	LF	LF		EA	EA	
ROUTE 10 EB	13M	119			1115		94	25	
	25	25	1115			1115			25
	27B			1115	1115				
ROUTE 10 WB	13M	119		280	1115		94	25	
	25	25	1115			1115			25
	27B			1115	1115				
SUBTOTAL			2230		4460	2230		50	50
TOTAL		288	2230	2790	6690		188	100	

THIS PLAN IS ACCURATE FOR PAVEMENT DELINEATION WORK ONLY

PAVEMENT DELINEATION QUANTITIES

PDQ-1

CALCULATED-DESIGNED BY: KEVIN NGUYEN
CHECKED BY: THANH TRINH
REVISED BY / DATE REVISED:
FUNCTIONAL SUPERVISOR: BILL WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN A

LAST REVISION DATE PLOTTED => 07-SEP-2010
08-16-10 TIME PLOTTED => 13:34

BORDER LAST REVISED 4/11/2008

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => trrichf
DGN FILE => 80g350nc001.dgn

CU 08380

EA 0G3501

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, LA PAZ	10	R156.4	6	13

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

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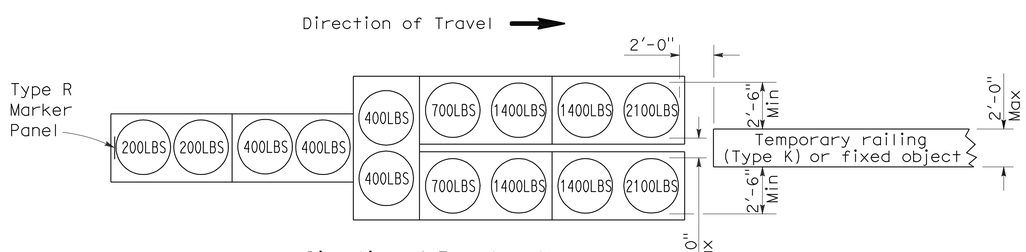
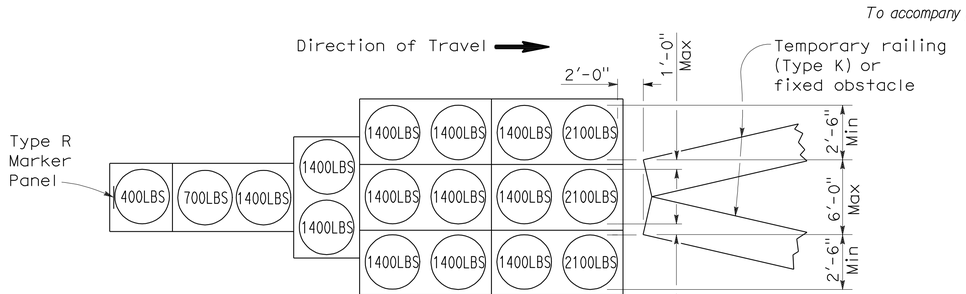
To accompany plans dated 9-7-10

2006 REVISED STANDARD PLAN RSP T1A



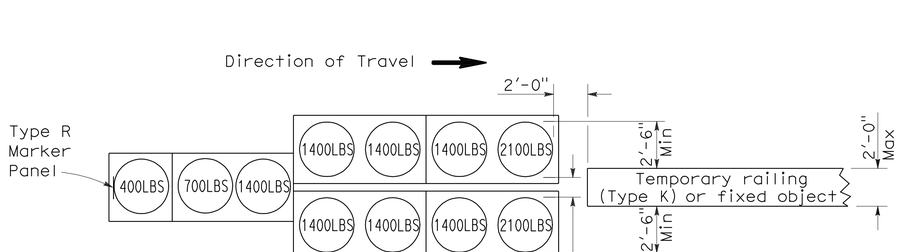
ARRAY 'TU14'

Approach speed 45 mph or more



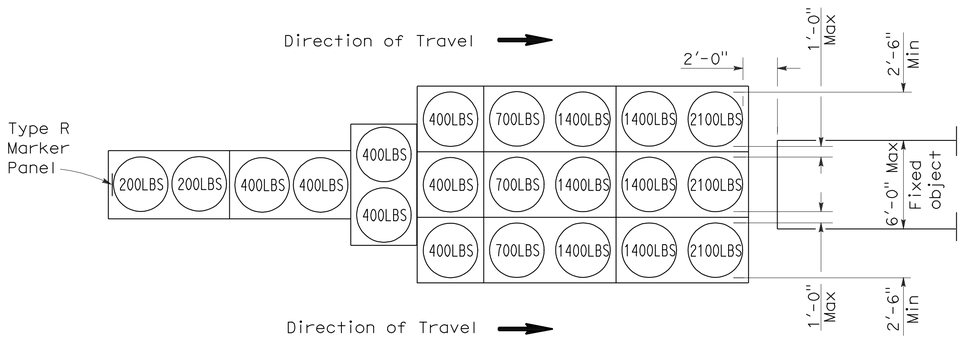
ARRAY 'TU17'

Approach speed less than 45 mph



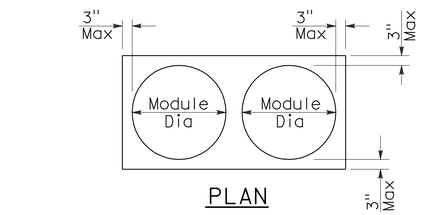
ARRAY 'TU11'

Approach speed less than 45 mph

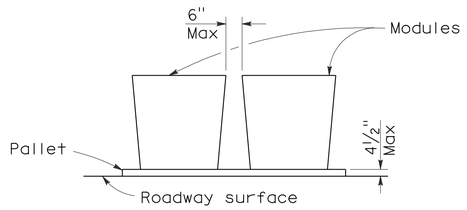


ARRAY 'TU21'

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

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv, LA PAZ	10	R156.4	7	13

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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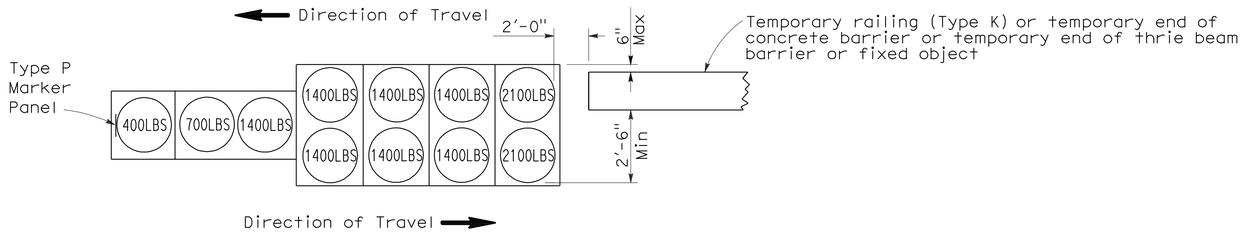
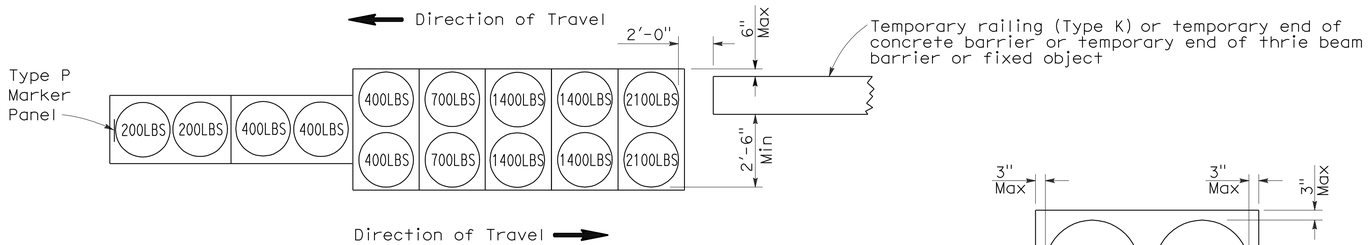
To accompany plans dated 9-7-10



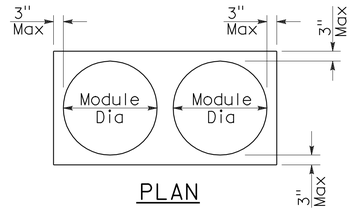
ARRAY 'TB11'

Approach speed less than 45 mph

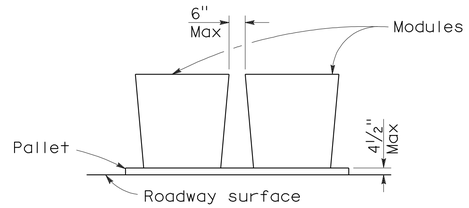


ARRAY 'TB14'

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, LA PAZ	10	R156.4	8	13

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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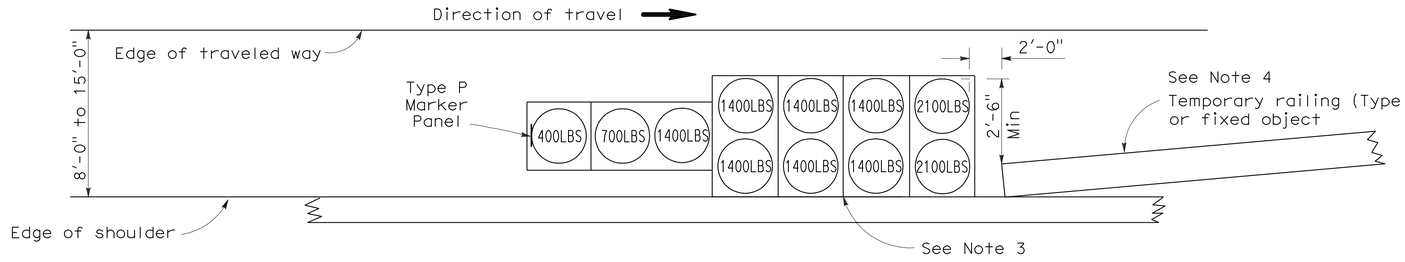
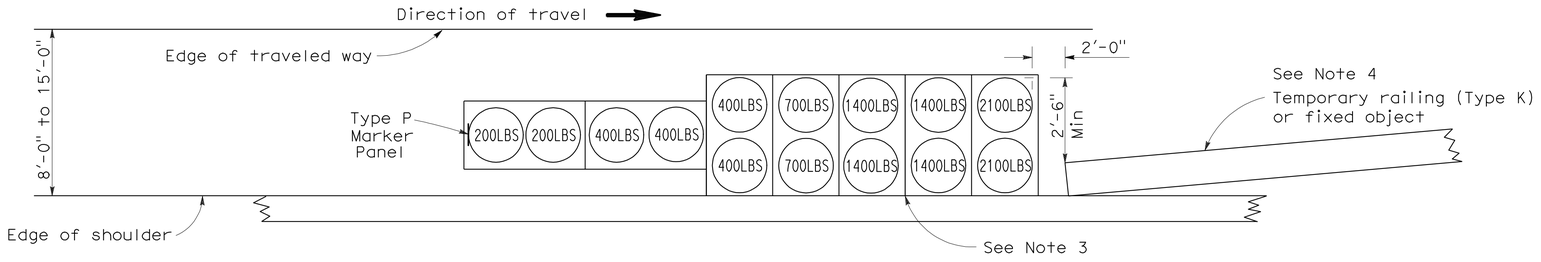
To accompany plans dated 9-7-10



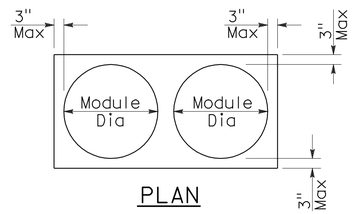
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

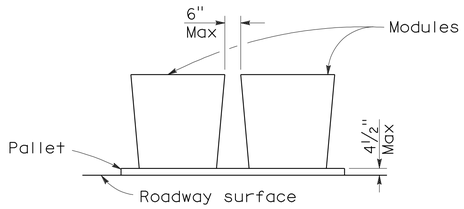


ARRAY 'TS14'

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, LA PAZ	10	R156.4	9	13

Robert B Schott
LICENSED LANDSCAPE ARCHITECT

August 15, 2008
PLANS Approval DATE

LICENSED LANDSCAPE ARCHITECT — Robert B. Schott 3035 — Signature — 11-04-08 Renewal Date — 08-11-08 Date — STATE OF CALIFORNIA

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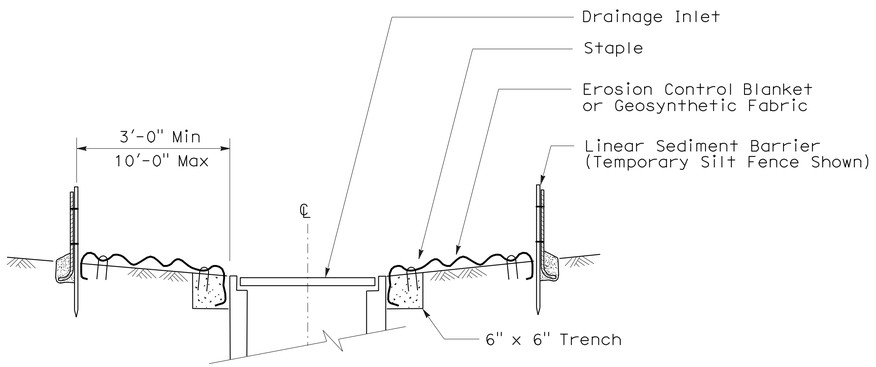
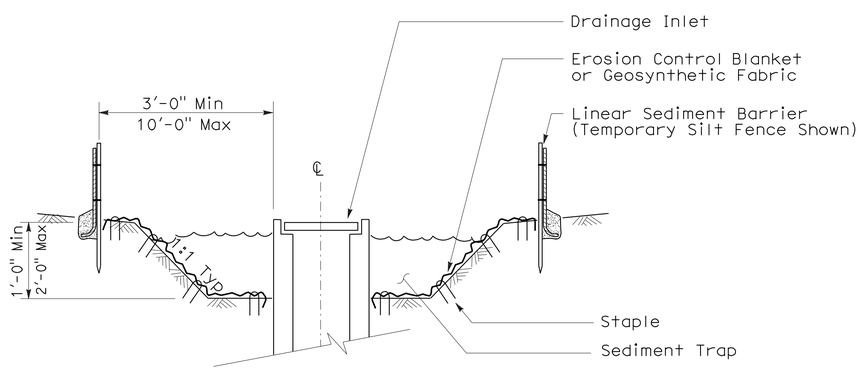
To accompany plans dated 9-7-10



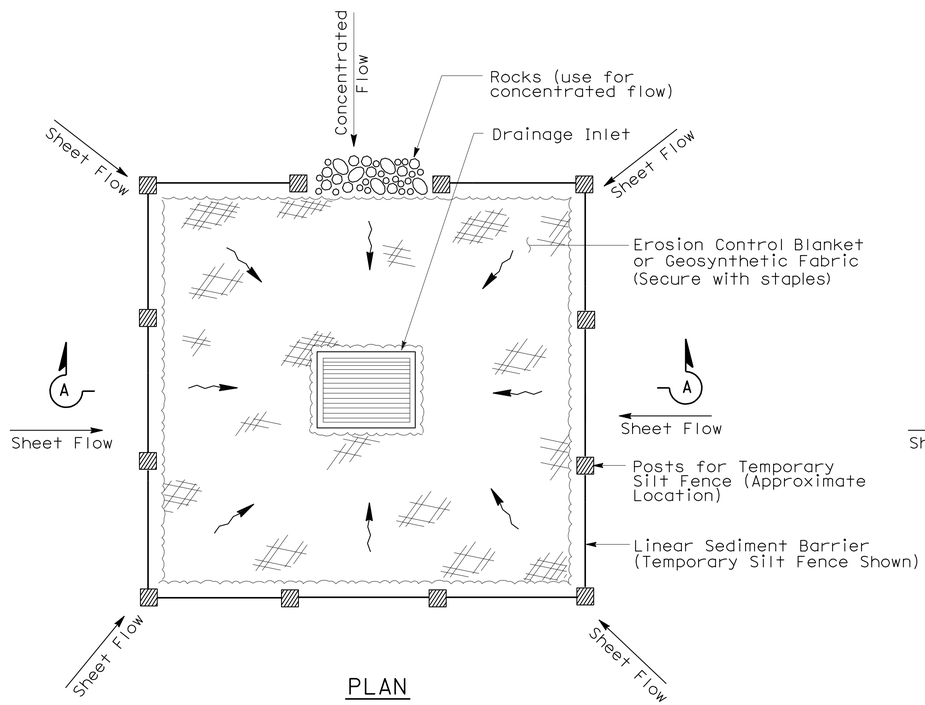
SECTION A-A



SECTION B-B

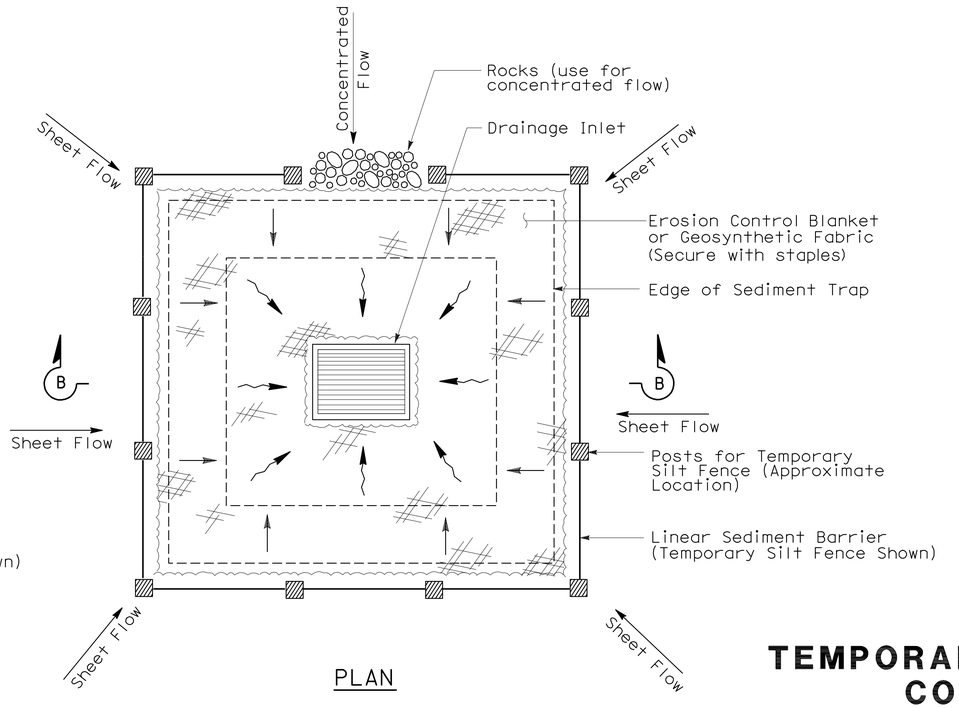
NOTES:

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



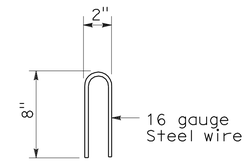
PLAN

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)

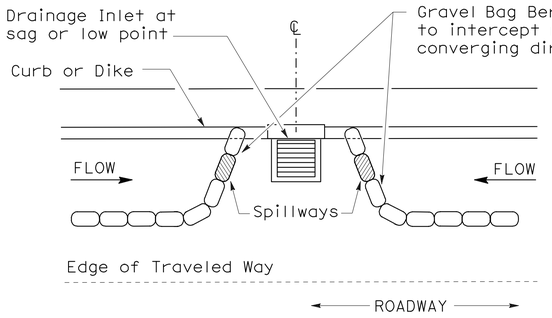
NO SCALE

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, LA PAZ	10	R156.4	10	13

Robert B Schott
LICENSED LANDSCAPE ARCHITECT

August 15, 2008
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Robert B. Schott 3035 — Signature — 11-04-08 Renewal Date — 08-11-08 Date — STATE OF CALIFORNIA

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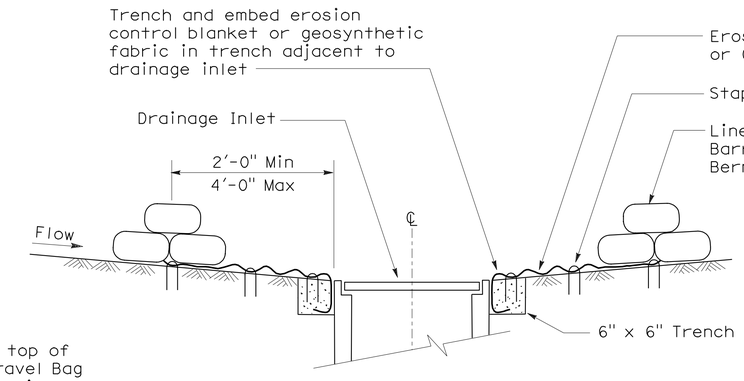
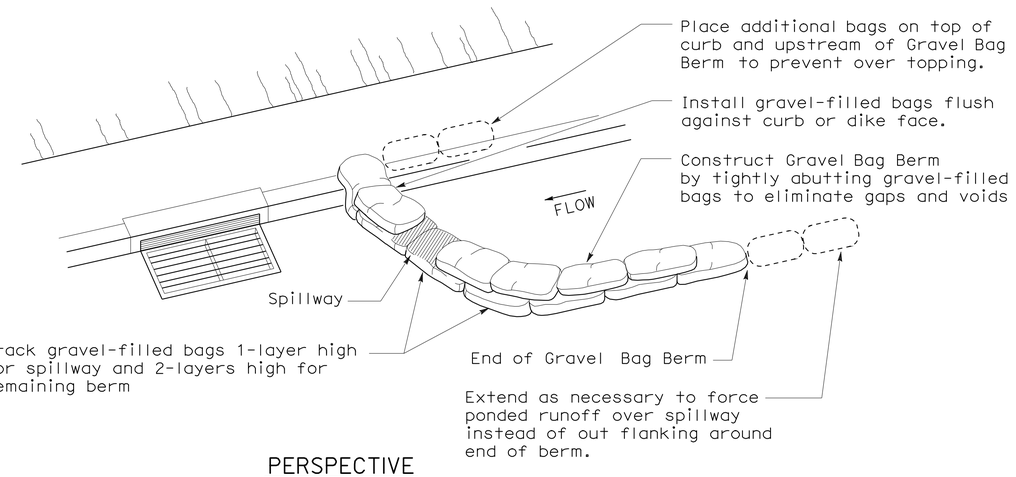
To accompany plans dated 9-7-10



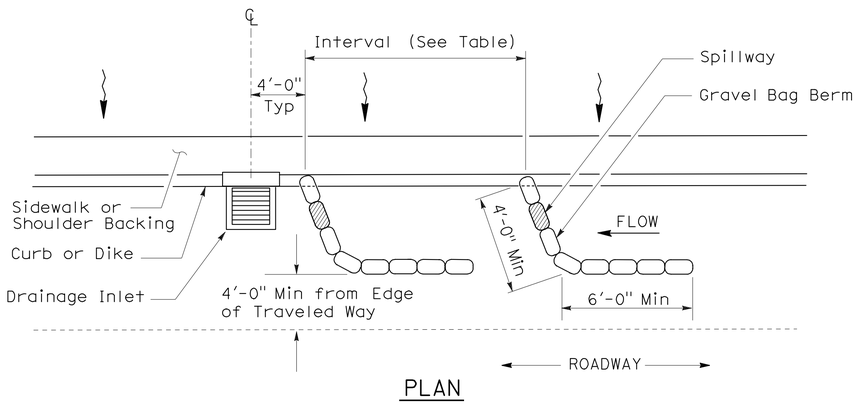
SECTION A-A

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.

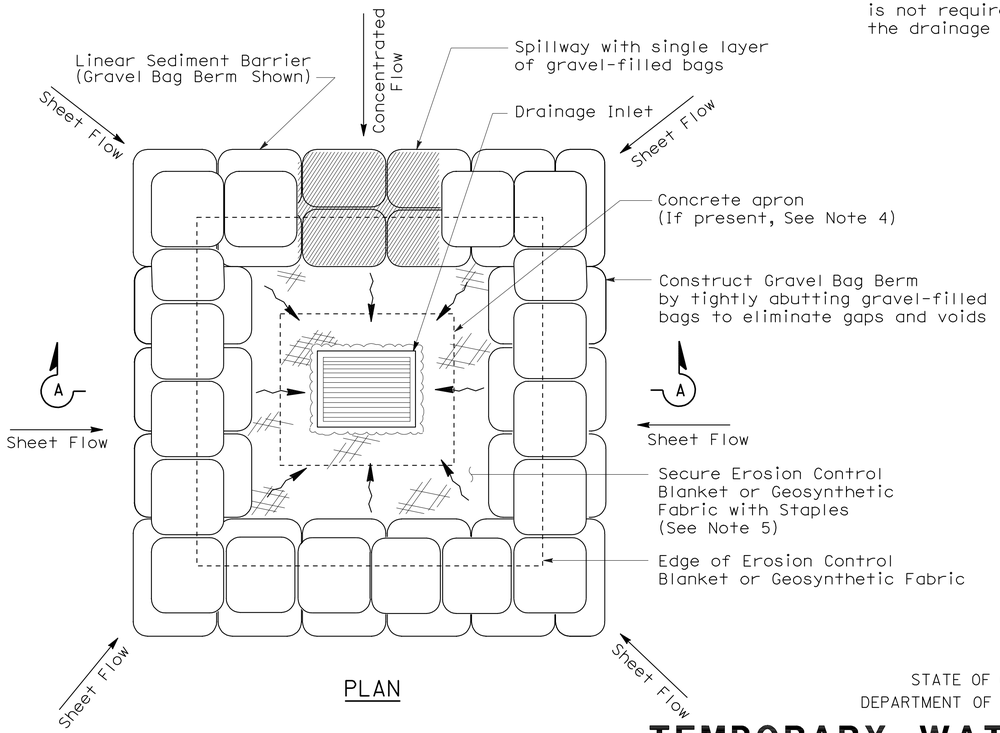


PERSPECTIVE



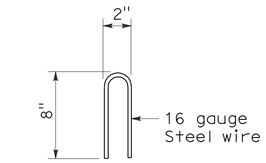
PLAN

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



PLAN

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3B)



STAPLE DETAIL

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, LA PAZ	10	R156.4	11	13

Robert B Schott
LICENSED LANDSCAPE ARCHITECT

August 15, 2008
PLANS APPROVAL DATE

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

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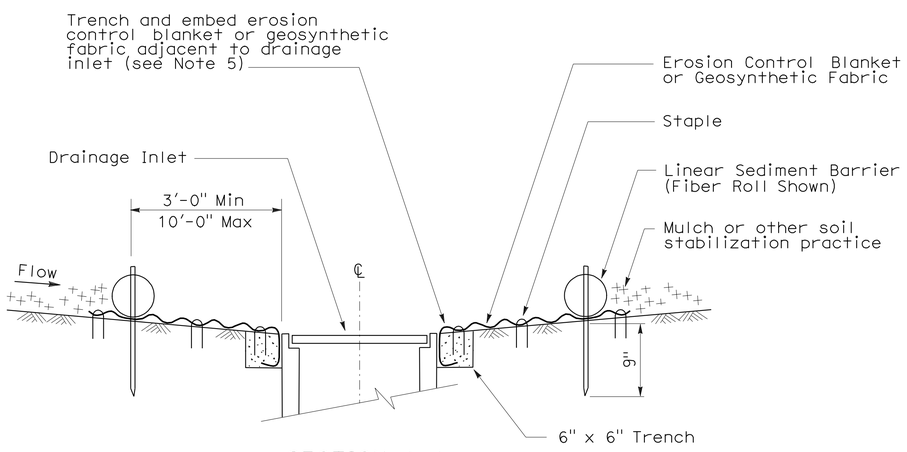
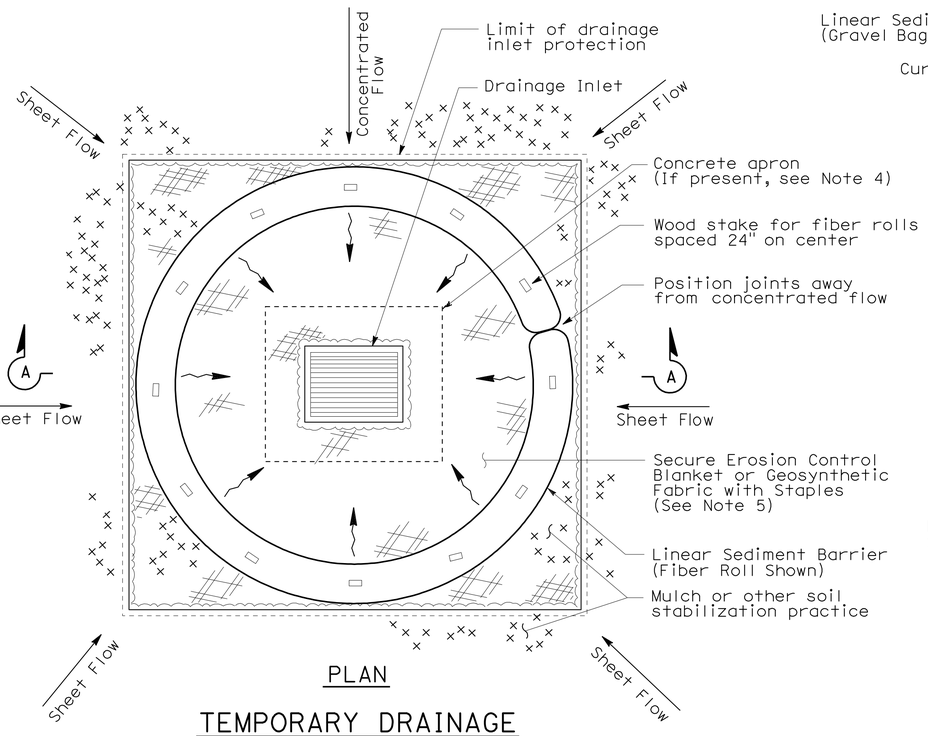
To accompany plans dated 9-7-10

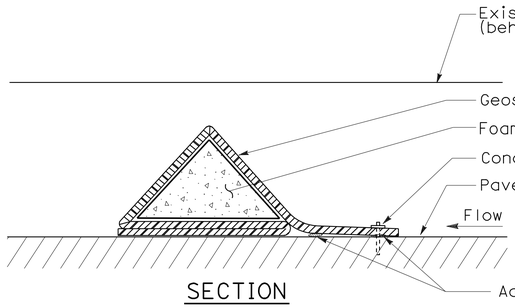


SECTION A-A



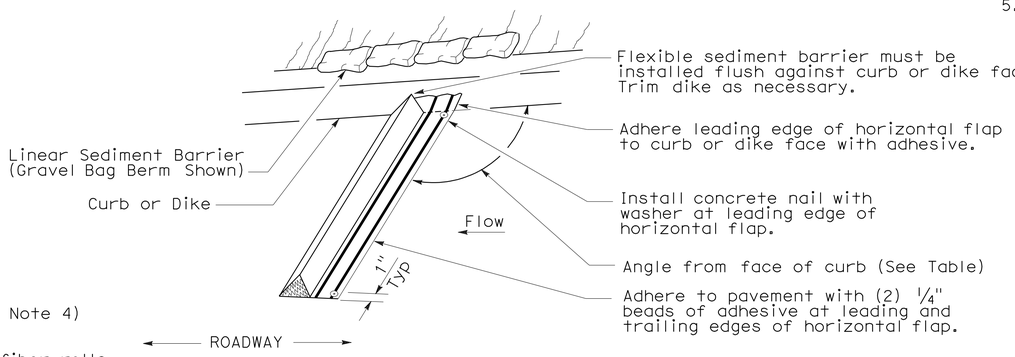
PLAN

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4A)

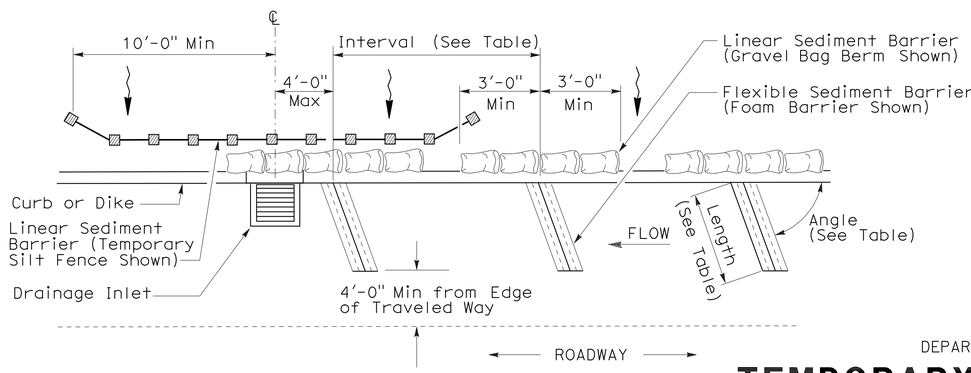


SECTION

FLEXIBLE SEDIMENT BARRIER DETAIL (FOAM BARRIER SHOWN)

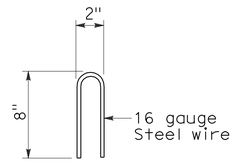


PERSPECTIVE



PLAN

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



STAPLE DETAIL

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.

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. LA PAZ	10	R156.4	12	13

REGISTERED CIVIL ENGINEER — 04/29/10 DATE

9-7-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MOHAMMAD ABDUL MUQTADIR — No. C60776 — Exp. 12/31/10 — CIVIL — STATE OF CALIFORNIA

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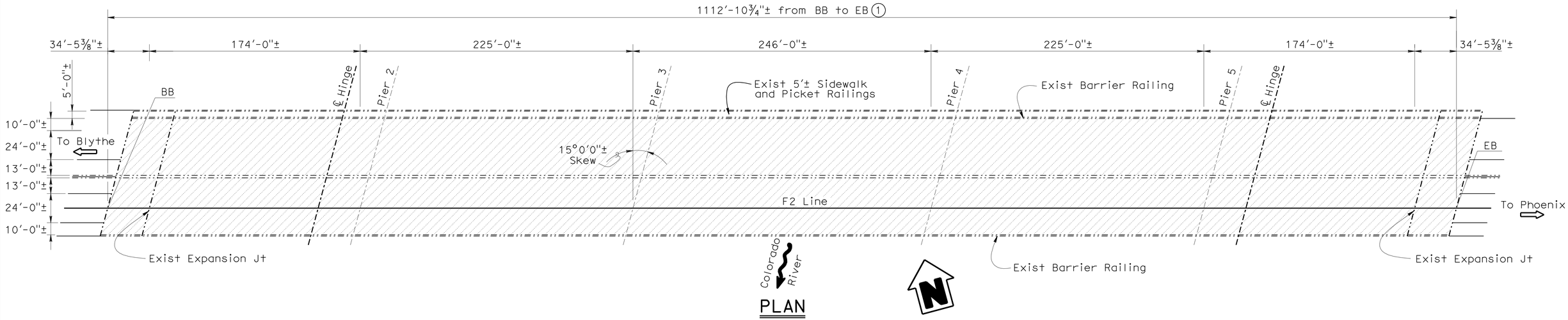
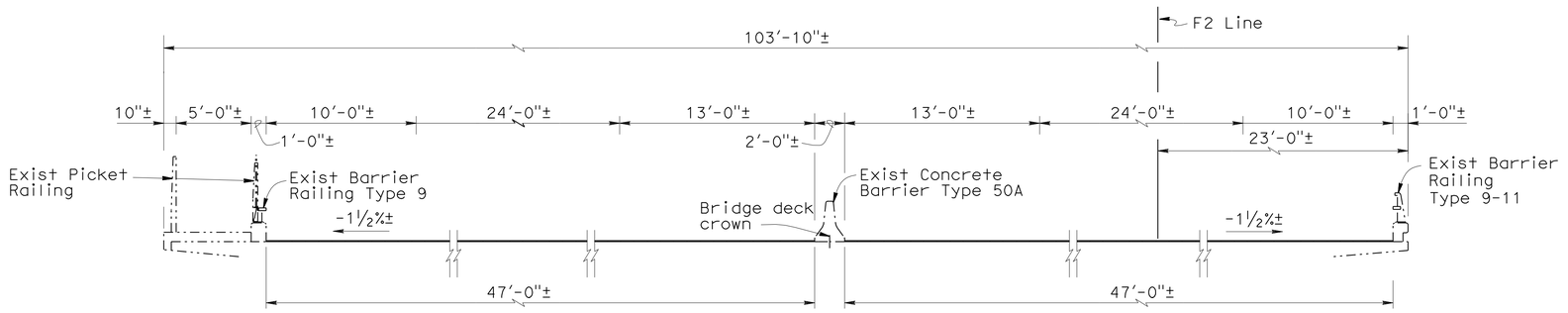


PLAN
1" = 40'



TYPICAL SECTION
1" = 5'

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

INDEX TO PLANS

STANDARD PLANS DATED MAY 2006

A10A	ACRONYMS AND ABBREVATIONS (SHEET 1 OF 2)
A10B	ACRONYMS AND ABBREVATIONS (SHEET 2 OF 2)
A10C	SYMBOLS (SHEET 1 OF 2)
A10D	SYMBOLS (SHEET 2 OF 2)

LEGEND:

Indicates limits of ¾" concrete deck surface removal
Indicates Prepare concrete bridge deck surface and place ¾" polyester concrete overlay

Existing structure

Indicates direction of traffic

NOTE: At least one through freeway lane open in the direction of travel

HOWARD NG
DESIGN ENGINEER

	BY	CHECKED
DESIGN	Mohammad Muqtadir	Feiruz Aberra
DETAILS	Mandeep Kingra	Feiruz Aberra
QUANTITIES	Mohammad Muqtadir	Feiruz Aberra

LOAD & RESISTANCE FACTOR DESIGN — LIVE LOADING: HL93 W/"LOW-BOY"; PERMIT DESIGN VEHICLE

LAYOUT	BY	CHECKED
	Mandeep Kingra	Mohammad Muqtadir
SPECIFICATIONS	BY X	PLANS AND SPECS COMPARED X

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
STRUCTURE DESIGN
DESIGN BRANCH 20

CU 08
EA 0G3501

BRIDGE NO. 56-0008
POST MILE 156.38

COLORADO RIVER BRIDGE (OVERLAY)
GENERAL PLAN

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES									SHEET	OF
08/04/09	09/04/09	01/25/10							1	2

FILE => 56-0008-a-gp.dgn

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REV.07-24-06)

USERNAME => tfright DATE PLOTTED => 07-SEP-2010 TIME PLOTTED => 13:35

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
08	Riv, LA PAZ	10	R156.4	13	13

REGISTERED CIVIL ENGINEER — 04/29/10 DATE

9-7-10
PLANS APPROVAL DATE

MOHAMMAD ABDUL MUQTADIR
No. C60776
Exp. 12/31/10
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

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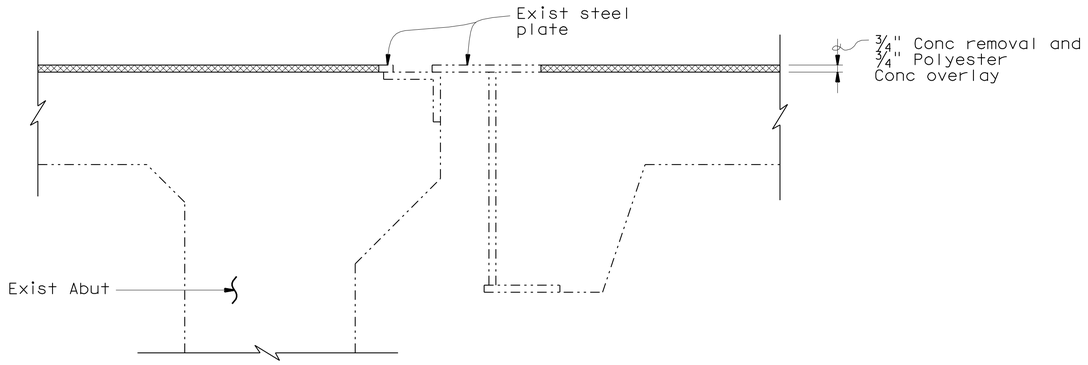
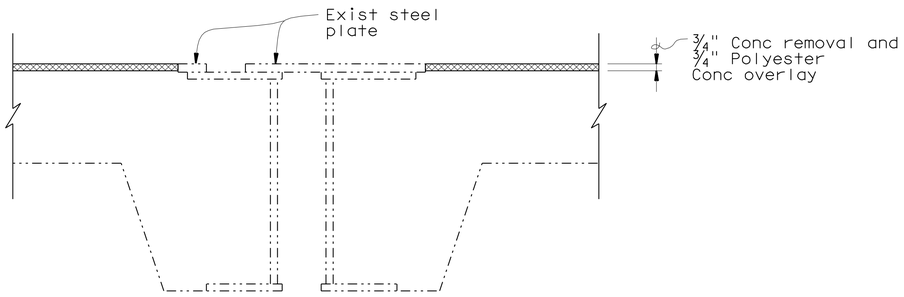


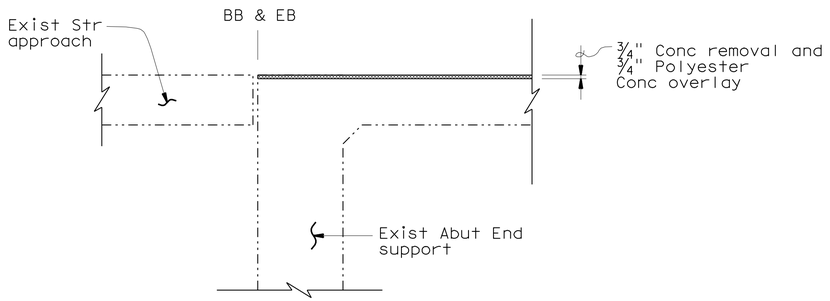
AT ABUTMENTS

1½" = 1'



AT HINGES

1½" = 1'

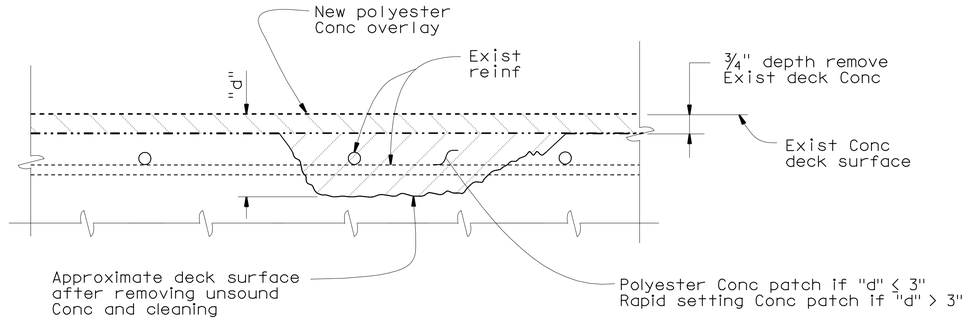


AT ABUTMENT END SUPPORT

¾" = 1'

OVERLAY DETAILS

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



DECK REPAIR DETAIL

NO SCALE

Locations to be determined by the Engineer.
Reinforcement may be encountered during deck concrete removal and is to remain undamaged.

NOTE:

Saw cut ¾" deep vertically around unsound Conc before removal.

LEGEND:

- Concrete deck surface removal
- Prepare concrete bridge deck surface and place polyester concrete overlay
- Existing structure

DESIGN	BY Mohammad Muqtadir	CHECKED Feiruz Aberra
DETAILS	BY Mandeep Kingra	CHECKED Feiruz Aberra
QUANTITIES	BY Mohammad Muqtadir	CHECKED Feiruz Aberra

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
STRUCTURE DESIGN
DESIGN BRANCH 20

CU 08
EA 0G3501

BRIDGE NO. 56-0008
POST MILE 156.38

COLORADO RIVER BRIDGE (OVERLAY)
MISCELLANEOUS DETAILS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 10/25/05)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES: 08/27/09 | 01/13/10

SHEET 2 OF 2

FILE => 56-0008-b-dt_1.dgn

USERNAME => ttrrichf DATE PLOTTED => 07-SEP-2010 TIME PLOTTED => 13:35