Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla, Nev	80	Var	1	33

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR BUILDING CONSTRUCTION

IN PLACER AND NEVADA COUNTIES AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

INDEX OF PLANS

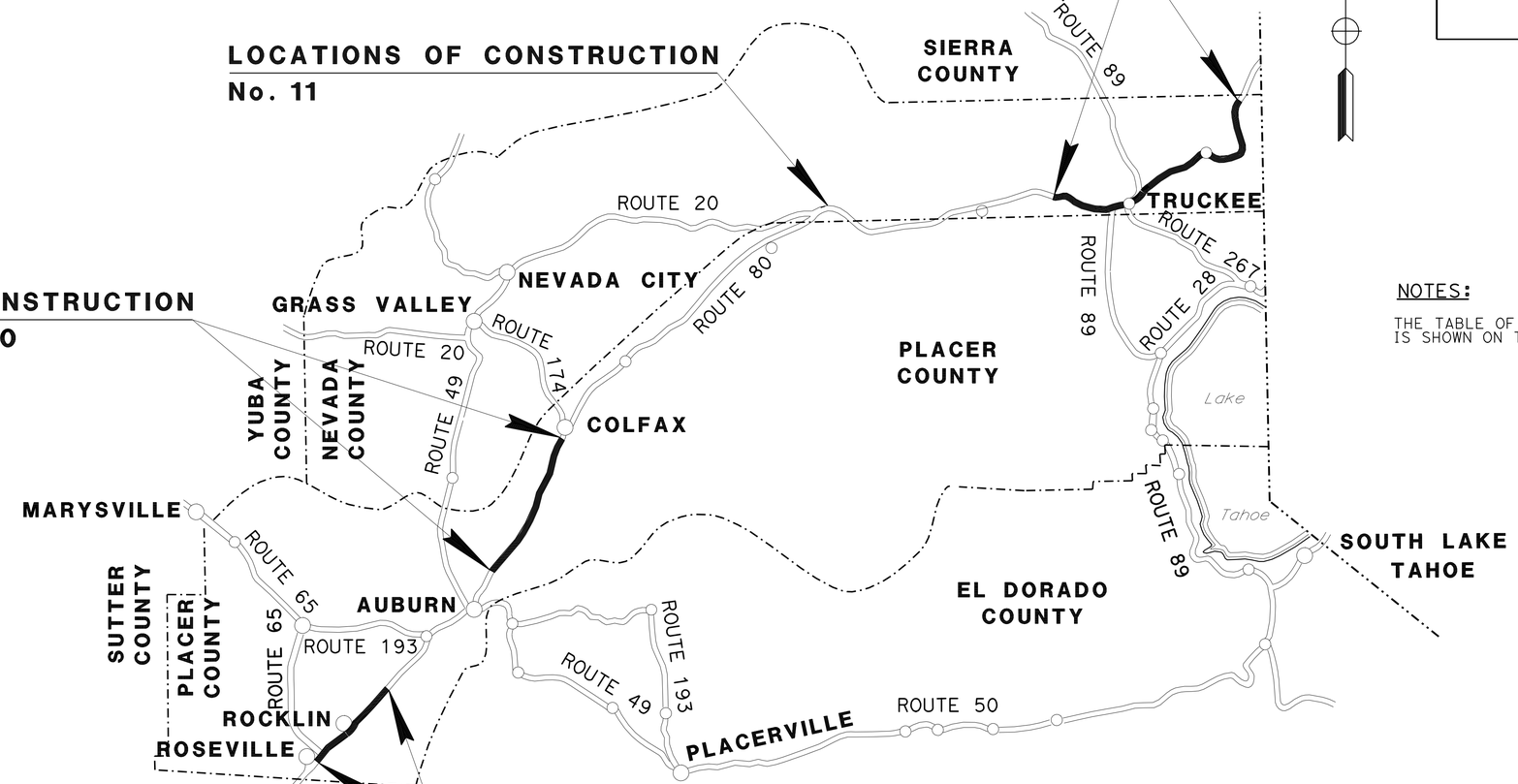
	DESCRIPTION
1	TITLE SHEET AND MAP
2	LOCATIONS OF CONSTRUCTIONS
3	CONSTRUCTION DETAILS
4-5	CONSTRUCTION AREA SIGNS
6	PAVEMENT DELINEATION QUANTITIES
7	SUMMARY OF QUANTITIES
8-10	REVISED STANDARD PLANS
	STRUCTURE PLANS
11-33	ROUTE 80 BRIDGES

THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIA POVIONS BOOK.

LOCATIONS OF CONSTRUCTION
Nos. 12 THROUGH ~~26~~ 25 1

LOCATIONS OF CONSTRUCTION
No. 11

LOCATIONS OF CONSTRUCTION
Nos. 6 THROUGH 10



LOCATIONS OF CONSTRUCTION
Nos. 1 THROUGH 5

NOTES:

THE TABLE OF LOCATIONS OF CONSTRUCTION IS SHOWN ON THE LOCATIONS OF CONSTRUCTION SHEET

1

REVISED PER ADDENDUM No. 1 DATED FEBRUARY 4, 2011

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

NO SCALE

James M. Ferreira ~~11~~ 8-10
PROJECT ENGINEER — DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER — JIM FERREIRA — No. 48257 — Exp. 6/30/12 — CIVIL — STATE OF CALIFORNIA

NOVEMBER 22, 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.

CONTRACT No.	03-3M6804
PROJECT ID	0300000591

PROJECT MANAGER: BRIAN TOEPFER
DESIGN ENGINEER: BRIAN TOEPFER

LAST REVISION — DATE PLOTTED => 03-FEB-2011 — TIME PLOTTED => 14:21 — 00-00-00

BORDER LAST REVISED 7/2/2010 | CALTRANS WEB SITE IS: HTTP//WWW.DOT.CA.GOV/ | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => s113559 DGN FILE => 33m680ab001.dgn | UNIT 0484 | PROJECT NUMBER & PHASE 03000005911

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla, Nev	80	Var	2	33

James M. Ferreira 11-8-10
REGISTERED CIVIL ENGINEER DATE

11-22-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JIM FERREIRA
No. 48257
Exp. 6/30/12
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. THIS PLAN ACCURATE FOR LOCATIONS OF CONSTRUCTION ONLY.

LOCATIONS OF CONSTRUCTION

No.	COUNTY	ROUTE	POST MILE	STRUCTURE NAME	BRIDGE No.
1	Pla	80	1.98	DOUGLAS Blvd OC	19-0079
2	Pla	80	2.85	MINERS RAVINE Br	19-0056K
3	Pla	80	2.91	MINERS RAVINE Br	19-0056S
4	Pla	80	8.72	HORSESHOE BAR OC	19-0097
5	Pla	80	9.53	KING Rd OC	19-0098
6	Pla	80	R22.21	NEILS Rd OC	19-0127
7	Pla	80	R23.43	PLACER HILLS OC	19-0128
8	Pla	80	R26.21	CROTHER Rd OC	19-0130
9	Pla	80	27.39	HEATHER GLEN OC	19 0131
10	Pla	80	31.79	ILLINOISTOWN OC	19-0085
11	Nev	80	R61.65	SOUTH YUBA RIVER Br	17-0071L
12	Nev	80	R9.01	DONNER LAKE UC	17-0076R
13	Nev	80	R9.07	DONNER LAKE UC	17-0076L

No.	COUNTY	ROUTE	POST MILE	STRUCTURE NAME	BRIDGE No.
14	Nev	80	13.22	DONNER PARK OC	17-0045
15	Nev	80	14.16	ROUTE 80/89 SEPARATION	17-0029
16	Nev	80	14.97	WEST TRUCKEE UC	17-0030
17	Nev	80	15.48	TROUT CREEK UC	17-0031
18	Nev	80	17.33	FIBREBOARD UC	17-0101
19	Nev	80	20.23	UNION MILLS Br OH	17-0058L
20	Nev	80	20.23	UNION MILLS Br OH	17-0058R
21	Nev	80	20.84	TRUCKEE RIVER Br	17-0013
22	Nev	80	21.13	TRUCKEE RIVER Br	17-0012
23	Nev	80	22.41	BOCA Br & OH	17-0059L
24	Nev	80	23.57	HINTON Rd UC	17-0060
25	Nev	80	27.29	TRUCKEE RIVER Br	17-0062
~~26~~	~~Nev~~	~~80~~	~~28.00~~	~~TRUCKEE RIVER Br~~	~~17-0063R~~

1

1 REVISED PER ADDENDUM No. 1 DATED FEBRUARY 4, 2011

LOCATIONS OF CONSTRUCTION

NO SCALE LC-1

REVISED BY | DATE REVISED
JIM FERREIRA | BRIAN D. TOEPFER
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR | BRIAN D. TOEPFER
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE

LAST REVISION | DATE PLOTTED => 03-FEB-2011
00-00-00 | TIME PLOTTED => 14:21

BORDER LAST REVISED 7/2/2010 | USERNAME => s113559 | DGN FILE => 33m680ba001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0484 | PROJECT NUMBER & PHASE 00000005911

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla, Nev	80	Var	4	33

1

Jeffrey S Jewett 11-8-10
REGISTERED CIVIL ENGINEER DATE

11-22-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Jeffrey S Jewett — No. 49233 — Exp. 9-30-12 — 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.

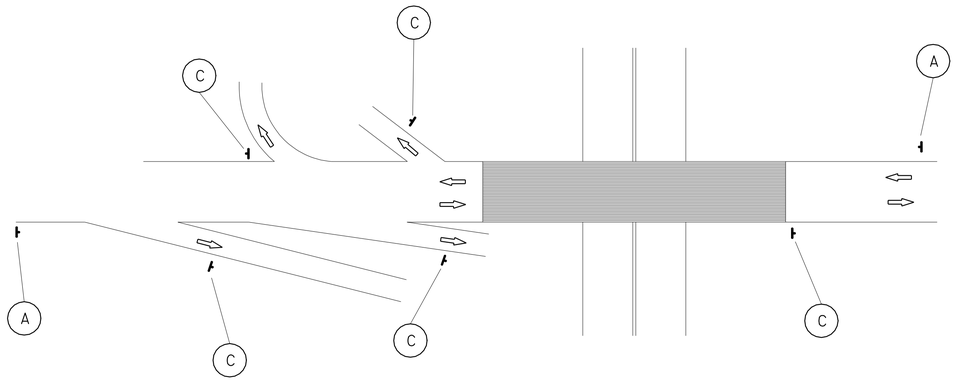
STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	SIGN CODE		PANEL SIZE	SIGN MESSAGE	NUMBER OF POST AND SIZE	NUMBER OF SIGNS
	FEDERAL	CALIFORNIA				
(A)	W20-1	C23	48" x 48"	ROAD WORK AHEAD	1 - 6" x 6"	24
(B)	W20-1	C23	60" x 60"	ROAD WORK AHEAD	2 - 4" x 6"	15
(C)	G20-2	C14	36" x 18"	END ROAD WORK	1 - 4" x 4"	28
(D)		C14	48" x 24"	END ROAD WORK	1 - 4" x 6"	15

NOTE: EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.

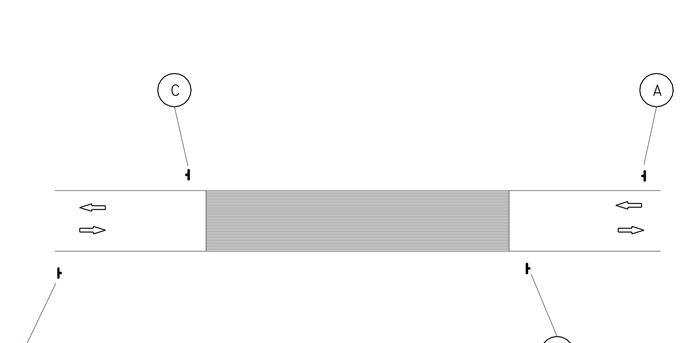
LEGEND

- (X) CONSTRUCTION AREA SIGN LETTER
- SIGN - SINGLE POST
- SIGN - TWO POSTS
- DIRECTIONAL ARROW

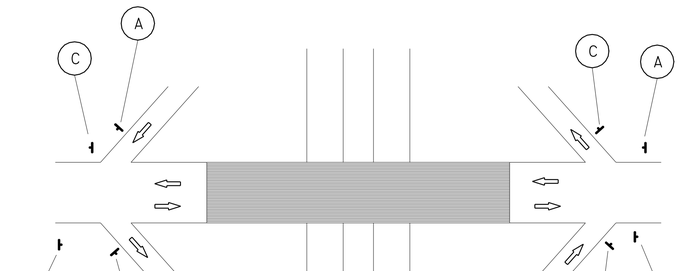


TWO DIRECTION BRIDGE
LOCAL ROAD
(TYPICAL FOR LOCATION 1)

ONE DIRECTION BRIDGE
FREEWAY RAMP
(TYPICAL FOR LOCATIONS 2 AND 3)



TWO DIRECTION BRIDGE
LOCAL ROAD
(TYPICAL FOR LOCATIONS 4,5,7,9,10, AND 14)



TWO DIRECTION BRIDGE
LOCAL ROAD
(TYPICAL FOR LOCATIONS 6 AND 8)

1 **REVISED PER ADDENDUM No. 1 DATED FEBRUARY 4, 2011**

NOTE: THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

CONSTRUCTION AREA SIGNS
NO SCALE

CS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC
FUNCTIONAL SUPERVISOR: JOSEPH W. HORTON
CALCULATED-DESIGNED BY: CHUCK COOK
CHECKED BY: JEFF JEWETT
REVISED BY
DATE REVISED

LAST REVISION | DATE PLOTTED => 03-FEB-2011
00-00-00 | TIME PLOTTED => 14:22

BORDER LAST REVISED 7/2/2010
USERNAME => s113559
DGN FILE => 33m6801a001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0484
PROJECT NUMBER & PHASE 00000005911

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla, Nev	80	Var	5	33

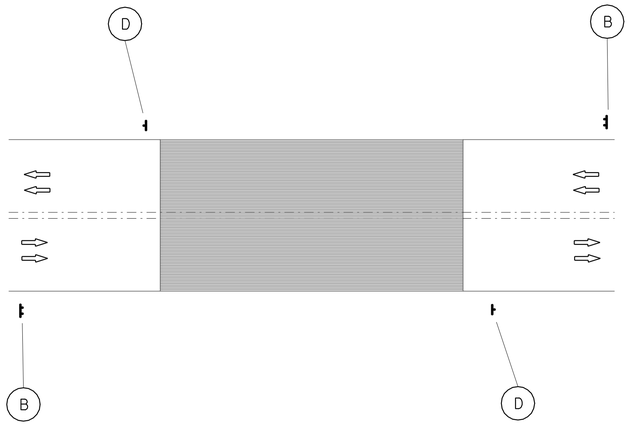
1

Jeffrey S Jewett 11-8-10
REGISTERED CIVIL ENGINEER DATE

11-22-10
PLANS APPROVAL DATE

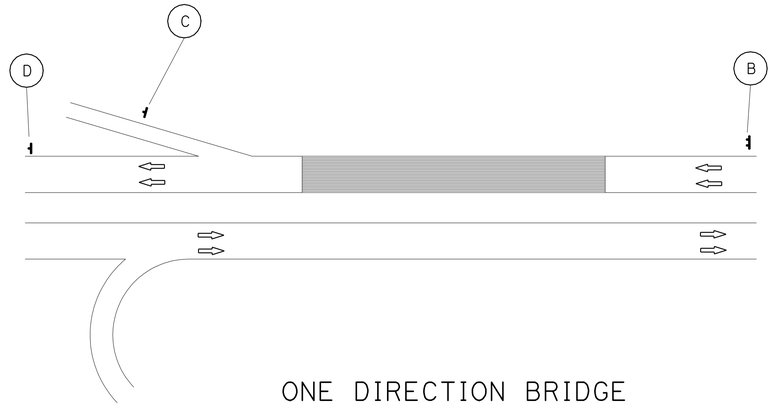
REGISTERED PROFESSIONAL ENGINEER — Jeffrey S Jewett No. 49233 Exp. 9-30-12 CIVIL — STATE OF CALIFORNIA

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.



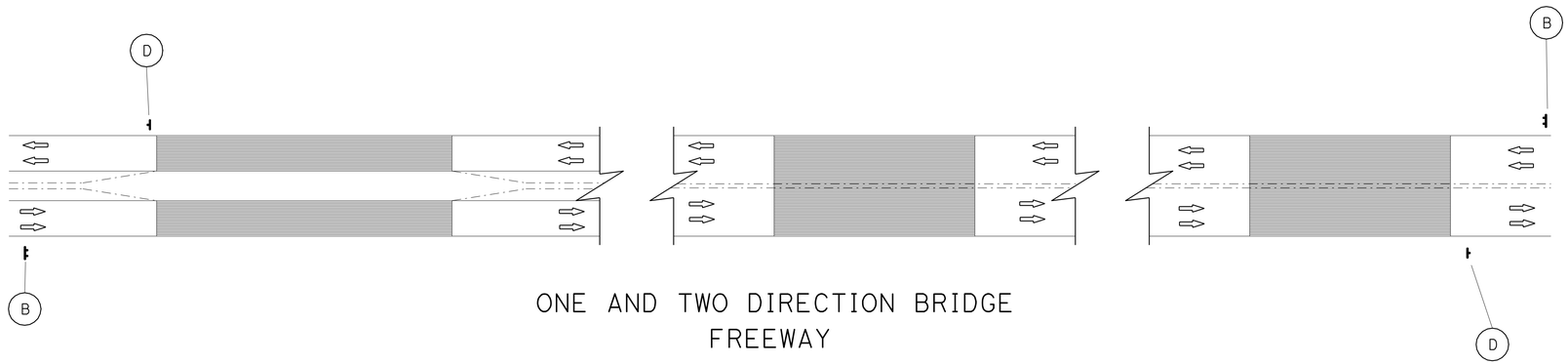
TWO DIRECTION BRIDGE
FREEWAY

(TYPICAL FOR LOCATIONS 15,16,17,18,24, AND 25)



ONE DIRECTION BRIDGE
FREEWAY

(TYPICAL FOR LOCATION 23)



ONE AND TWO DIRECTION BRIDGE
FREEWAY

(TYPICAL FOR LOCATIONS 19,20,21,22)

1 **REVISED PER ADDENDUM No. 1 DATED FEBRUARY 4, 2011**

NOTE: THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

CONSTRUCTION AREA SIGNS

NO SCALE

CS-2

REVISED BY | DATE REVISED
CHUCK COOK | JEFF JEWETT
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: JOSEPH W. HORTON
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC

LAST REVISION 00-00-00 | DATE PLOTTED => 04-FEB-2011 | TIME PLOTTED => 10:15

BORDER LAST REVISED 7/2/2010 | USERNAME => s113559 | DGN FILE => 33m680la002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0484 | PROJECT NUMBER & PHASE 00000005911

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla, Nev	80	Var	6	33

1 Jeffrey S Jewett 11-8-10
REGISTERED CIVIL ENGINEER DATE

11-22-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Jeffrey S Jewett No. 49233 Exp. 9-30-12 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.

THERMOPLASTIC TRAFFIC STRIPE

LOCATION	4" THERMOPLASTIC TRAFFIC STRIPE			
	DETAIL NUMBER			
	21 (LF)	22 (LF)	25A (LF)	27B (LF)
1				
2			185	185
3			471	471
4		430		
5		584		584
6	580			
7	580			580
8	480			
9	588			
10	604			
SUBTOTAL	2,832	1,014	656	1,820
TOTAL	6,322			

THERMOPLASTIC TRAFFIC STRIPE (RECESSED)

LOCATION	4" THERMOPLASTIC TRAFFIC STRIPE (RECESSED)		4" THERMOPLASTIC TRAFFIC STRIPE (RECESSED, BROKEN 36 - 12)	8" THERMOPLASTIC TRAFFIC STRIPE (RECESSED)	8" THERMOPLASTIC TRAFFIC STRIPE (RECESSED, BROKEN 12 - 3)
	DETAIL NUMBER		DETAIL NUMBER	DETAIL NUMBER	DETAIL NUMBER
	24 (LF)	27B (LF)	11 (LF)	36 (LF)	37 (LF)
15	414	414	621		
16	532	532	532		
17	412	412	412		206
18	406	406	406		
19	622	622	1,244		
20	622	622	622		
21	760	760	760		
22	850	850	850		
23	1,078	1,078	1,078	277	
24	306	306	459		
25	902	902	902	590	348
SUBTOTAL	6,904	6,904	7,886	867	554
TOTAL	13,808		7,886	867	554

NOTE: DETAILS 36 AND 37 ARE TO BE PLACED WITHOUT RETROREFLECTIVE PAVEMENT MARKERS.

REMOVE TRAFFIC STRIPE

LOCATION	DESCRIPTION
	EDGELINE (LF)
2	185
3	471
5	584
TOTAL	1,240

PAVEMENT MARKER

LOCATION	DETAIL NUMBER	RETROREFLECTIVE			NON-REFLECTIVE	
		TYPE G (EACH)	TYPE D (EACH)	TYPE H (EACH)	TYPE A (EACH)	TYPE AY (EACH)
1	10,23,37C	35	26		148	120
2	25A			5		
3	25A			11		
4	22		18			
5	22		28			
SUBTOTAL		35	72	16	148	120
TOTAL		123			268	

TWO-COMPONENT PAINT TRAFFIC STRIPE

LOCATION	4" TWO-COMPONENT PAINT TRAFFIC STRIPE	6" TWO-COMPONENT PAINT TRAFFIC STRIPE
	DETAIL NUMBER	DETAIL NUMBER
	21 (LF)	39 (LF)
14	494	494
TOTAL	494	494

REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)

LOCATION	DESCRIPTION	
	EDGELINE (LF)	CENTERLINE (LF)
2	185	
3	471	
4		430
5		584
SUBTOTAL	656	1,014
TOTAL	1,670	

1 REVISED PER ADDENDUM No. 1 DATED FEBRUARY 4, 2011

PAVEMENT DELINEATION QUANTITIES

PDQ-1

REVISED BY | DATE REVISED
CHUCK COOK | JEFF JEWETT
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: JOSEPH W. HORTON
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 03-FEB-2011 | TIME PLOTTED => 14:22
00-270-1000

BORDER LAST REVISED 7/2/2010 | USERNAME => s113559 | DGN FILE => 33m680nc001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0484 | PROJECT NUMBER & PHASE 00000005911

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	PLA,NEV	80	Var	24	33

Charles R Hutchinson 9-28-10
REGISTERED CIVIL ENGINEER DATE

11-08-10
PLANS APPROVAL DATE

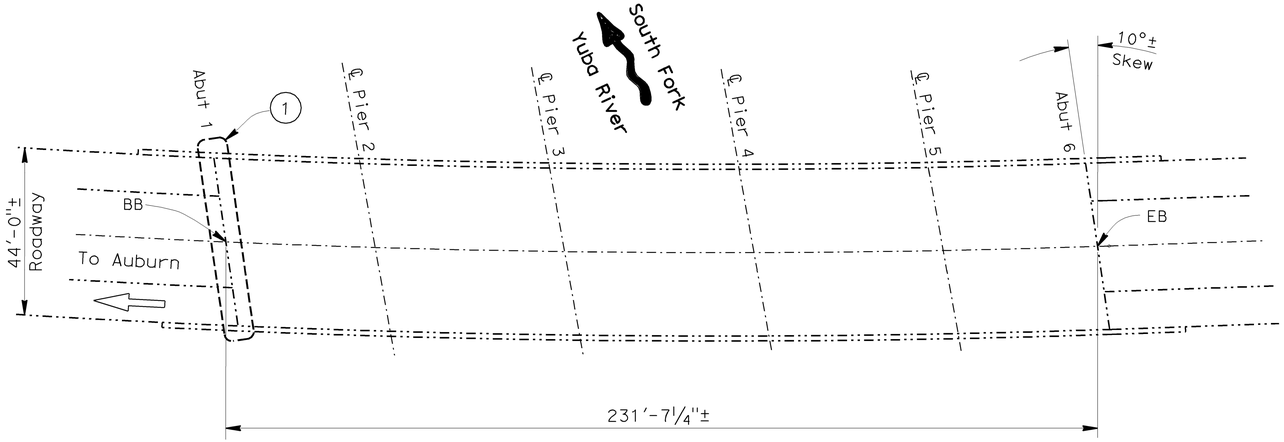
REGISTERED PROFESSIONAL ENGINEER
CHARLES R.HUTCHINSON
No. C 54226
Exp.12-31-11
CIVIL
STATE OF CALIFORNIA

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

NOTES: (APPLY TO THIS SHEET ONLY)

-·-·-·- Indicates existing.

(1) Repair spalls piers and abutment. For locations and amount, see MISCELLANEOUS DETAILS sheet.



SOUTH YUBA RIVER

BR. NO. 17-0071L, RTE 80, NEV, PM R61.65
1"=20'

SOUTH YUBA RIVER BR NO. 17-0071L

QUANTITIES

REPAIR SPALLED SURFACE AREA	54	SQFT

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

(1) REVISED PER ADDENDUM NO. 1 DATED FEBRUARY 4, 2011

Michael J. Lee 9-28-10
DESIGN ENGINEER

DESIGN	BY Charles Hutchinson	CHECKED Brian Nguyen	LAYOUT	BY Trung Lam	CHECKED Charles Hutchinson
DETAILS	BY Trung Lam	CHECKED Brian Nguyen	SPECIFICATIONS	BY John Jiang	PLANS AND SPECIFICATIONS COMPARED John Jiang
QUANTITIES	BY Charles Hutchinson	CHECKED Brian Nguyen			

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

CU 03
EA 3M6801

BRIDGE NO. VARIOUS
POST MILE VARIES

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES: 4-30-10 | 5-12-10 | 8-02-10 | 9-28-10 | 11-17-10

ROUTE 80 BRIDGES
GENERAL PLAN NO. 14

SHEET 14 OF 23

FILE => 03-3m6801_14_gp14_addm.dgn

USERNAME = jbidwell DATE PLOTTED => 03-FEB-2011 TIME PLOTTED => 13:59

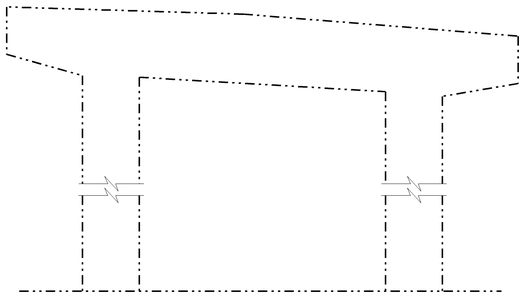
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	PLA,NEV	80	Var	29	33

Charles R Hutchinson 9-28-10
REGISTERED CIVIL ENGINEER DATE

11-08-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHARLES R.HUTCHINSON
No. C 54226
Exp.12-31-11
CIVIL
STATE OF CALIFORNIA

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

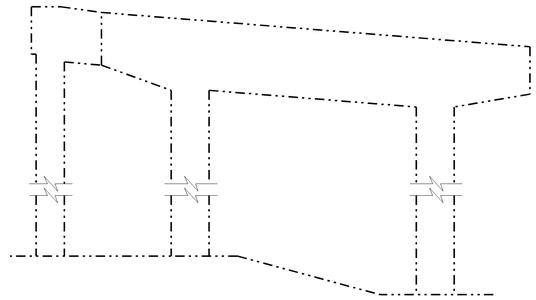


BENTS 2 & 3 ELEVATION

BR. NO. 17-0076L, RTE 80, NEV, PM 9.1
NO SCALE

Repair spalls on Pier. For locations and amount, see "MISCELLANEOUS DETAILS NO. 1" sheet.

SPALL REPAIR TABLE Bridge No. 17-0076L	
LOCATION	AREA (SF)
Pier 2, Span 1, Col 1	135
Pier 2, Span 1, Col 2	67
Pier 2, Span 1, Col 2	66
Pier 2, Span 2, Col 2	12
Pier 3, Span 3, Col 2	18
Pier 3, Span 3, Col 2	48



BENTS 2 & 3 ELEVATION

BR. NO. 17-0076R, RTE 80, NEV, PM 9.0
NO SCALE

Repair spalls on Pier. For locations and amount, see "MISCELLANEOUS DETAILS NO. 1" sheet.

SPALL REPAIR TABLE Bridge No. 17-0076R	
LOCATION	AREA (SF)
Pier 2, Span 1, Col 3	48
Pier 3, Span 1, Col 3	48
Midspan Soffit, Rt Exterior Girder	75
Midspan Soffit, Lt Exterior Girder	35
Rt Abutment 1 Wingwall	9

NOTES: (APPLY TO THIS SHEET ONLY)

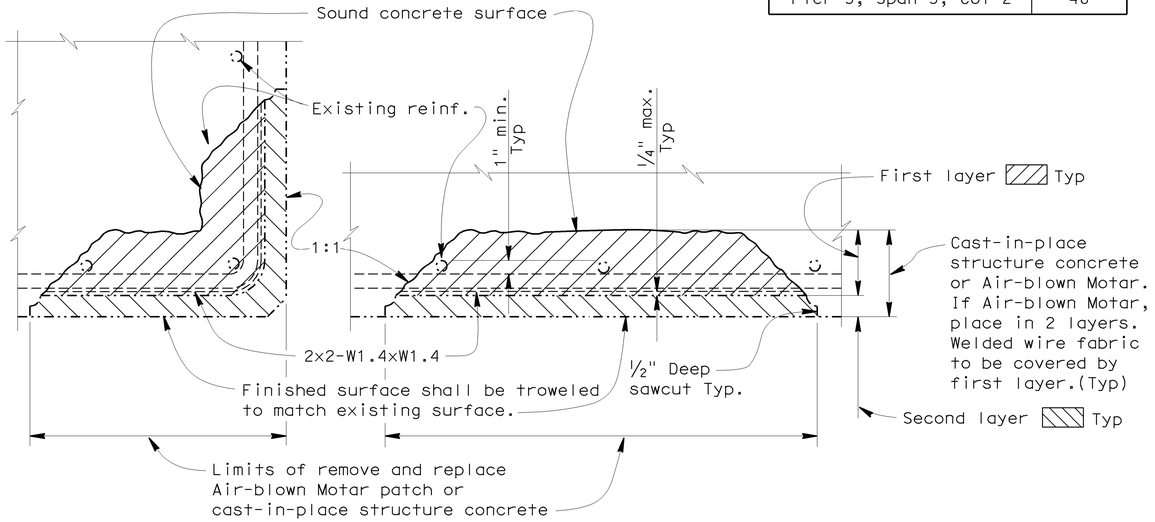
Indicates existing.

Repair spalls on Pier. For locations and amount, see "MISCELLANEOUS TAILS" sheet.

Indicates location of Spall repair on Abutment 1.

Reconstruction of damaged bent caps, which includes top of bent cap, must be formed and placed.

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

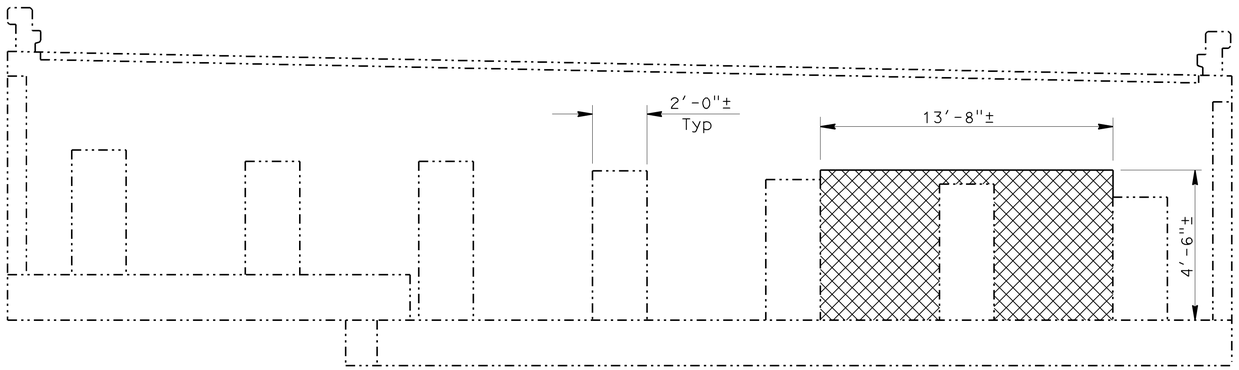


CORNER SPALL

No Scale

AREA SPALL

No Scale



ABUTMENT 1 ELEVATION

BR. NO. 17-007IL, RTE 80, NEV, PM 61.65
No Scale

1 REVISED PER ADDENDUM NO. 1 DATED FEBRUARY 4, 2011

DESIGN	BY Charles Hutchinson	CHECKED Brian Nguyen	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO. VARIOUS
DETAILS	BY Trung Lam	CHECKED Brian Nguyen			POST MILE VARIES
QUANTITIES	BY Charles Hutchinson	CHECKED Brian Nguyen			

ROUTE 80 BRIDGES
MISCELLANEOUS DETAILS

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

CU 03
EA 3M6801

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES: 4-30-10 | 5-12-10 | 8-02-10 | 9-28-10 | 11-17-10

SHEET 19 OF 23

FILE => 03-3m6801_19_misc_dets1_addm.dgn

USERNAME => jbidwell DATE PLOTTED => 03-FEB-2011 TIME PLOTTED => 13:59

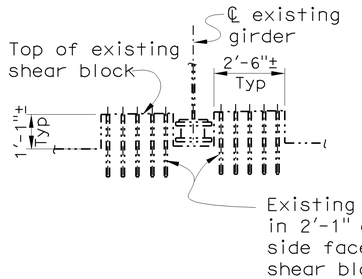
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	PLA,NEV	80	Var	30	33

Charles R Hutchinson 9-28-10
REGISTERED CIVIL ENGINEER DATE

11-08-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHARLES R. HUTCHINSON No. C 54226 Exp. 12-31-11 CIVIL — STATE OF CALIFORNIA

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



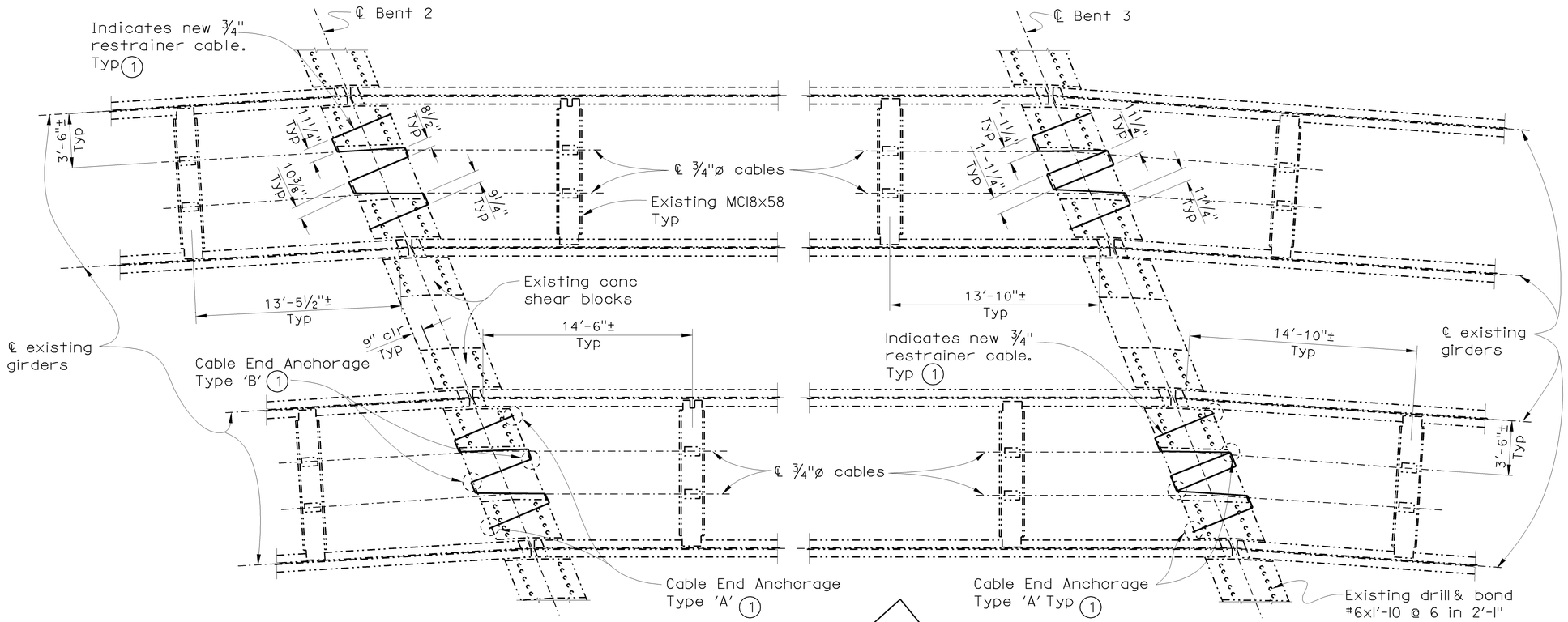
EXISTING DRILL & BOND DETAILS

NO SCALE

NOTES: (APPLY TO THIS SHEET ONLY)

-·-·- Indicates existing.

(1) See RESTRAINER CABLE DETAILS NO. 2 sheet for cable details.



PLAN

¼"=1'-0"

DONNER LAKE UNDERCROSSING (17-0076 L/R)

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

1 REVISED PER ADDENDUM NO. 1 DATED FEBRUARY 4, 2011

DESIGN	BY Charles Hutchinson	CHECKED Brian Nguyen	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO. 17-0076 L/R
DETAILS	BY Trung Lam	CHECKED Brian Nguyen			POST MILE R9.07
QUANTITIES	BY Charles Hutchinson	CHECKED Brian Nguyen		CU 03 EA 3M6801	

ROUTE 80 BRIDGES

RESTRAINER CABLE DETAILS NO.1

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES: 4-30-10 | 5-12-10 | 8-02-10 | 9-28-10 | 11-17-10

SHEET 20 OF 23

FILE => 03-3m6801_20_restrainer_dets1_addm.dgn

USERNAME => jbldowell DATE PLOTTED => 03-FEB-2011 TIME PLOTTED => 13:59

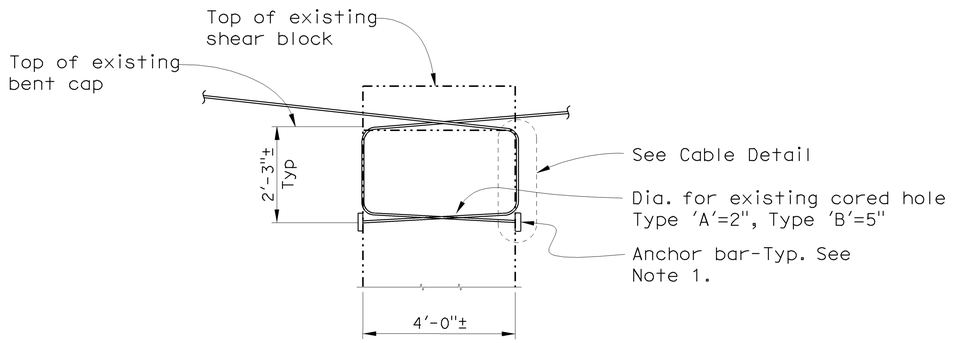
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	PLA,NEV	80	Var	31	33

Charles R Hutchinson 9-28-10
REGISTERED CIVIL ENGINEER DATE

11-08-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHARLES R.HUTCHINSON
No. C 54226
Exp.12-31-11
CIVIL
STATE OF CALIFORNIA

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

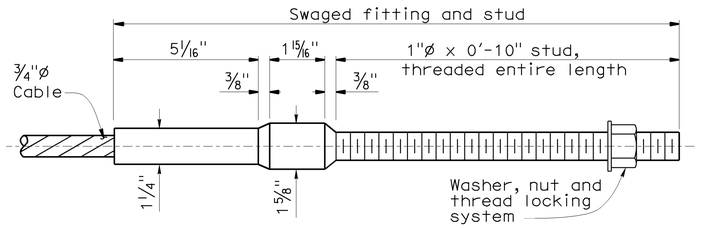


TYPICAL CABLE END ANCHORAGE-TYPE 'B'
NO SCALE

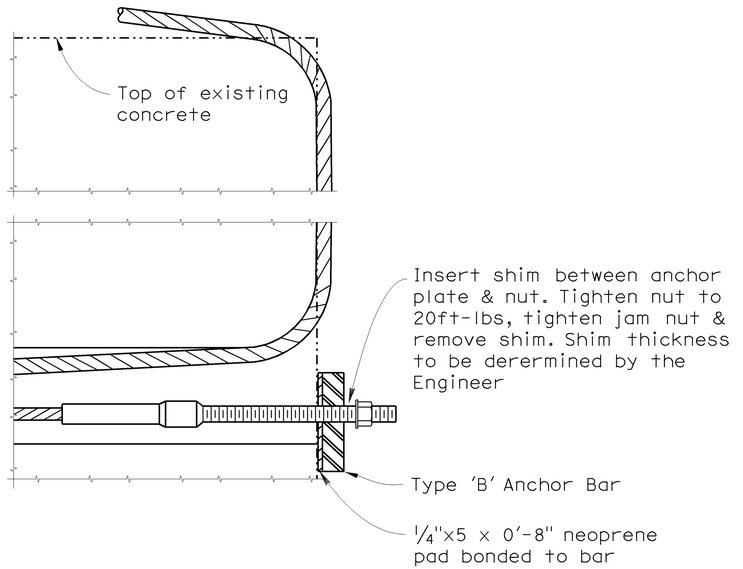
NOTES: (APPLY TO THIS SHEET ONLY)

---··--·· Indicates existing.

1. Anchor bar types correspond with cable and anchorage types.
2. Typical Cable End Anchorage-Type 'B' shown, Type 'A' is similar.



CABLE END ANCHORAGE
NO SCALE



CABLE DETAIL
NO SCALE

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

1 **REVISED PER ADDENDUM NO. 1 DATED FEBRUARY 4, 2011**

DESIGN	BY Charles Hutchinson	CHECKED Brian Nguyen	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO. 17-0076 L/R
DETAILS	BY Trung Lam	CHECKED Brian Nguyen			POST MILE R9.07
QUANTITIES	BY Charles Hutchinson	CHECKED Brian Nguyen		CU 03 EA 3M6801	

ROUTE 80 BRIDGES
RESTRAINER CABLE DETAILS NO.2

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES: 4-30-10 | 5-12-10 | 8-02-10 | 9-28-10 | 11-17-10

SHEET 21 OF 23

FILE => 03-3m6801_21_restrainer_dets2_addm.dgn

USERNAME => jbidwell DATE PLOTTED => 03-FEB-2011 TIME PLOTTED => 13:59