

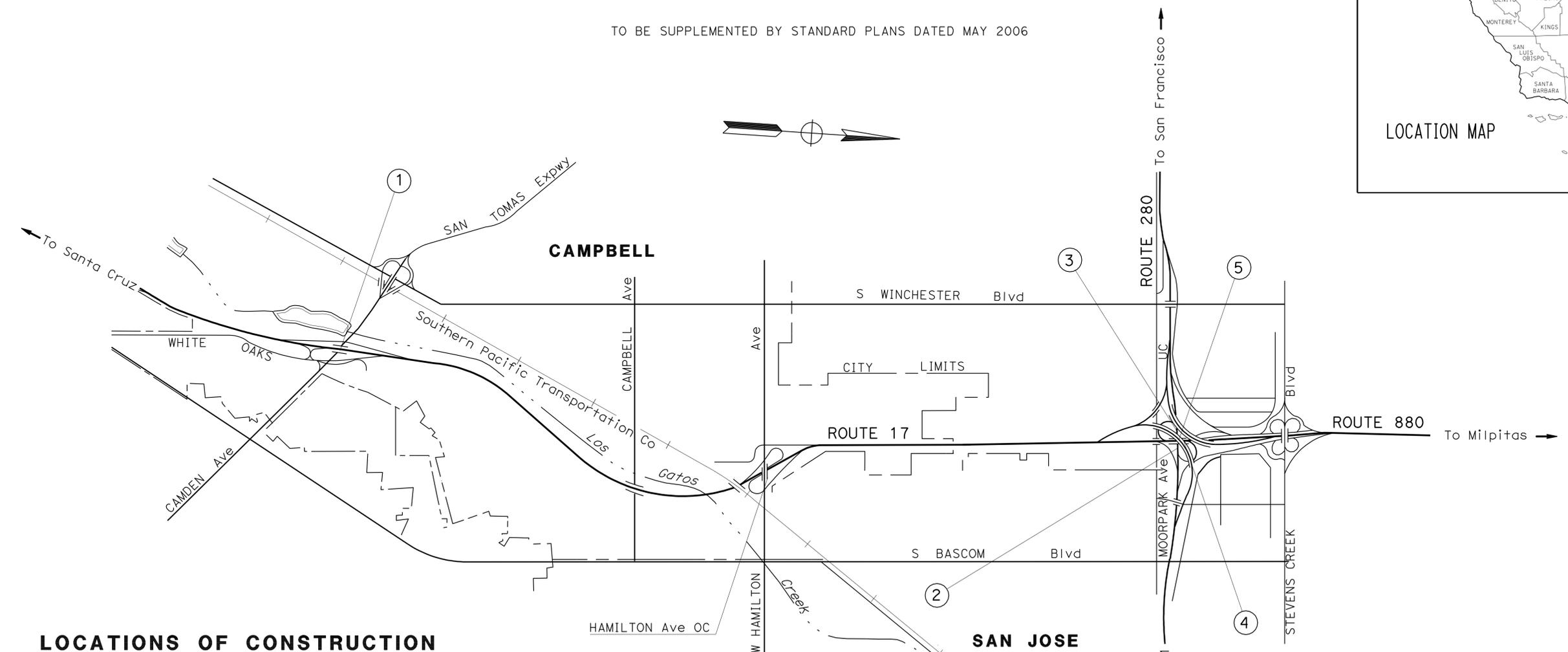
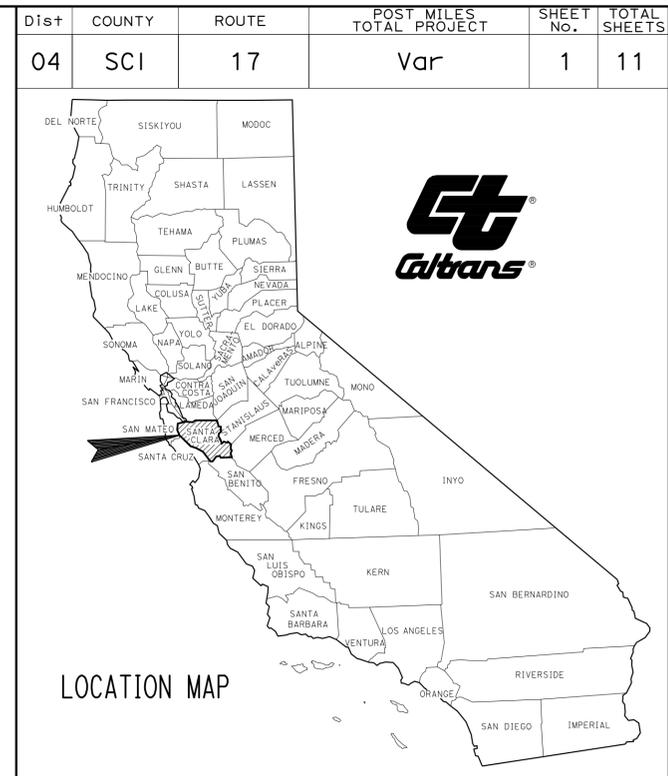
INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE SHEET
2-4	CONSTRUCTION AREA SIGNS
5-8	REVISED AND NEW STANDARD PLANS
STRUCTURE PLANS	
9-11	GENERAL PLAN

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 SANTA CLARA COUNTY
IN CAMPBELL AND SAN JOSE
AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



LOCATIONS OF CONSTRUCTION

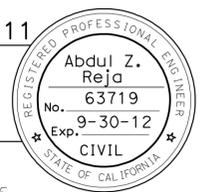
LOCATION	COUNTY	ROUTE	PM	BRIDGE No.	BRIDGE NAME
①	SCI	17	10.50	37-0147	CAMDEN AVENUE UC
②	SCI	17	13.85	37-0139	MOORPARK AVENUE UC
③	SCI	17	13.93	37-0131	ROUTE 17/280 SEPARATION
④	SCI	17	13.93	37-0131F	ROUTE 17/280 SEPARATION
⑤	SCI	17	13.93	37-0131G	ROUTE 17/280 SEPARATION

NO SCALE

PROJECT MANAGER
RAMSES SARGISS

DESIGN ENGINEER
ABDUL Z. REJA

Abdul Z. Reja 9-29-11
 PROJECT ENGINEER DATE
 REGISTERED CIVIL ENGINEER



October 3, 2011
 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.	04-2E1604
PROJECT ID	0400020043

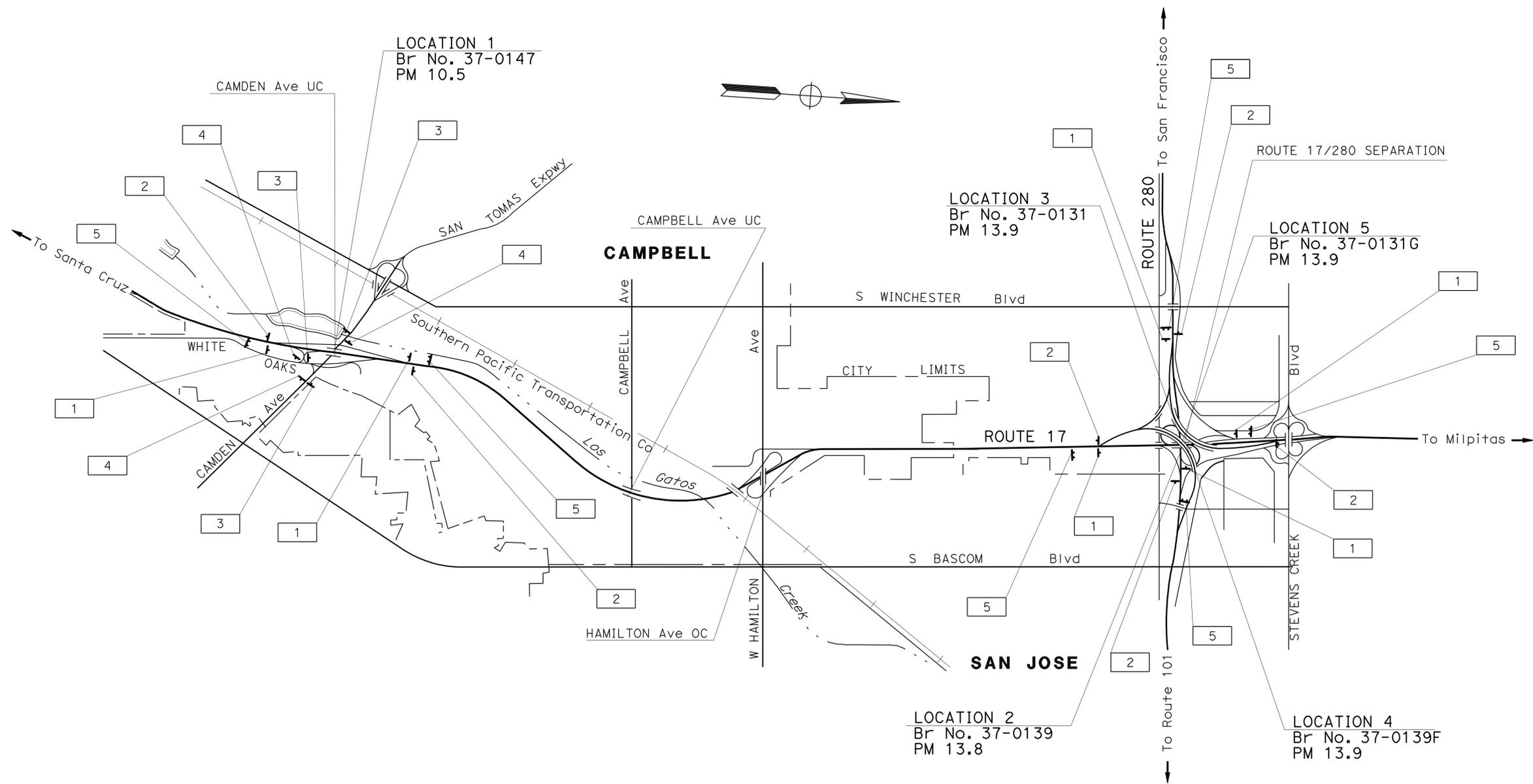
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	17	10.5, 13.8, 13.9	2	11
<i>Jerilyn L. Struven</i> REGISTERED CIVIL ENGINEER			9-29-11	DATE	
10-03-11 PLANS APPROVAL DATE			No. 49964 Exp. 12-31-12 CIVIL		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

LEGEND:

- No. CONSTRUCTION AREA SIGN DESIGNATION
- TRAFFIC DIRECTION
- X RAMP CLOSED

NOTES:

- LOCATION OF CONSTRUCTION AREA SIGNS SHOWN ARE APPROXIMATE, EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.



CONSTRUCTION AREA SIGNS
NO SCALE

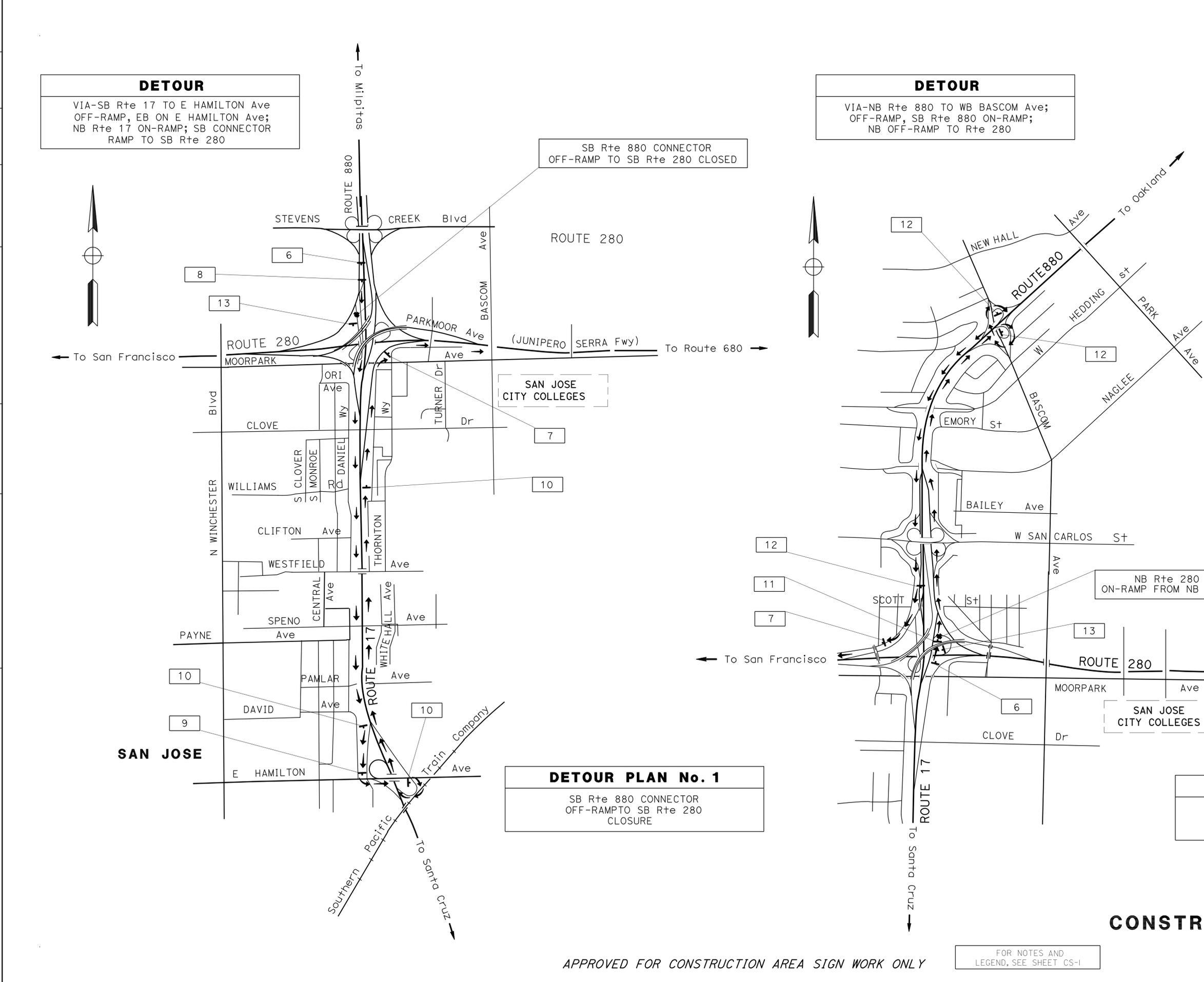
CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	ROY YUAN	REVISOR	RY
Caltrans	JERILYN STRUVEN	DATE	02/11
FUNCTIONAL SUPERVISOR	CHECKED BY	DESIGNED BY	
ROLAND AU-YEUNG			
TRAFFIC			



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 FUNCTIONAL SUPERVISOR: ROLAND AU-YEUNG
 TRAFFIC



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	17	10.5, 13.8, 13.9	3	11

9-29-11
 REGISTERED CIVIL ENGINEER DATE
 10-03-11
 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.

J. L. Struven
 REGISTERED PROFESSIONAL ENGINEER
 No. 49964
 Exp. 12-31-12
 CIVIL

DETOUR
 VIA-SB Rte 17 TO E HAMILTON Ave
 OFF-RAMP, EB ON E HAMILTON Ave;
 NB Rte 17 ON-RAMP; SB CONNECTOR
 RAMP TO SB Rte 280

DETOUR
 VIA-NB Rte 880 TO WB BASCOM Ave;
 OFF-RAMP, SB Rte 880 ON-RAMP;
 NB OFF-RAMP TO Rte 280

DETOUR PLAN No. 1
 SB Rte 880 CONNECTOR
 OFF-RAMP TO SB Rte 280
 CLOSURE

DETOUR PLAN No. 2
 NB Rte 280 CONNECTOR
 ON-RAMP
 FROM NB Rte 17 CLOSURE

CONSTRUCTION AREA SIGNS
 NO SCALE

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

FOR NOTES AND
 LEGEND, SEE SHEET CS-1

CS-2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	17	10.5, 13.8, 13.9	4	11

Jeryl L. Struven 9-29-11
 REGISTERED CIVIL ENGINEER DATE

10-03-11
 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.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No.	SIGN CODE		SIGN MESSAGE	PANEL SIZE	NUMBER OF POST AND SIZE	QUANTITY
	FEDERAL	CALIFORNIA				
1	W20-1		ROAD WORK AHEAD	48" x 48"	(ONE) 4" x 6"	6
2	G20-2		END ROADWORK	48" x 24"	(ONE) 4" x 4"	6
3	W20-1		ROAD WORK AHEAD	48" x 36"	(ONE) 4" x 6"	3
4	G20-2		END ROADWORK	36" x 18"	(ONE) 4" x 4"	3
5		C40	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	72" x 36"	(TWO) 4" x 6"	6
6	W20-2		DETOUR AHEAD	48" x 48"	(ONE) 4" x 6"	2
7	M4-8a		END DETOUR	24" x 18"	(ONE) 4" x 4"	2
8		SC-3 (▲)	DETOUR (STRAIGHT AHEAD ARROW)	48" x 18"	(ONE) 4" x 6"	1
		G27-2 (280)	ROUTE SHIELD	30" x 25"		
		M3-3	SOUTH	21" x 9"		
9	M4-10 (L+)		DETOUR (LEFT)	48" x 18"	(ONE) 4" x 6"	1
		G27-2 (280)	ROUTE SHIELD	30" x 25"		
		M3-3	SOUTH	21" x 9"		
10	M4-8		DETOUR	21" x 9"	(ONE) 4" x 6"	3
		G27-2 (280)	ROUTE SHIELD	30" x 25"		
		M3-3	SOUTH	21" x 9"		
		M6-2 (▲)	DETOUR (DIAGONAL ARROW)	21" x 15"		
11		SC-3 (▲)	DETOUR (STRAIGHT AHEAD ARROW)	48" x 18"	(ONE) 4" x 6"	1
		G27-2 (280)	ROUTE SHIELD	30" x 15"		
		M3-1	NORTH	21" x 9"		
12	M4-8		DETOUR	21" x 9"	(ONE) 4" x 6"	3
		G27-2 (280)	ROUTE SHIELD	30" x 25"		
		M3-1	NORTH	21" x 9"		
		M6-2 (▲)	DETOUR (DIAGONAL ARROW)	21" x 15"		
13		SC6-4	RAMP CLOSED (WITH DATE & TIME)	48" x 60"	(ONE) 6" x 6"	2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 ROY YUAN
 JERILYN STRUVEN
 CALCULATED-DESIGNED BY
 CHECKED BY
 FUNCTIONAL SUPERVISOR
 ROLAND AU-YEUNG
 TRAFFIC

CONSTRUCTION AREA SIGNS

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

FOR NOTES AND
LEGEND, SEE SHEET CS-1

CS-3

LAST REVISION | DATE PLOTTED => 07-OCT-2011
 02-22-11 TIME PLOTTED => 14:28

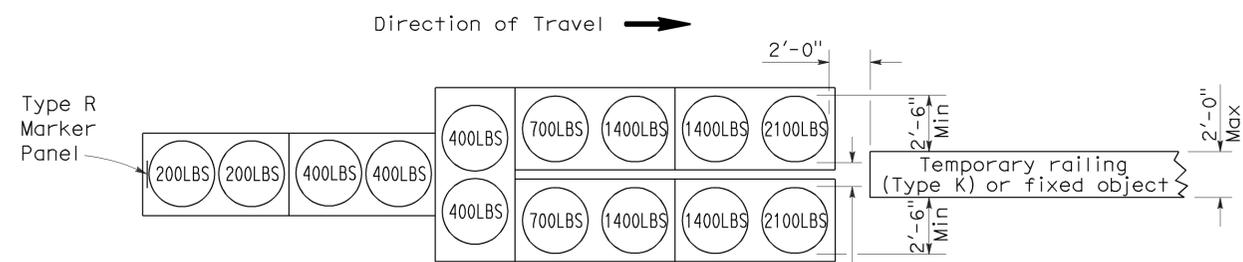
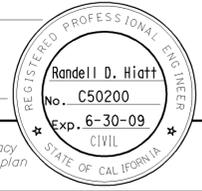
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SCI	17	10.5, 13.8 13.9	5	11

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

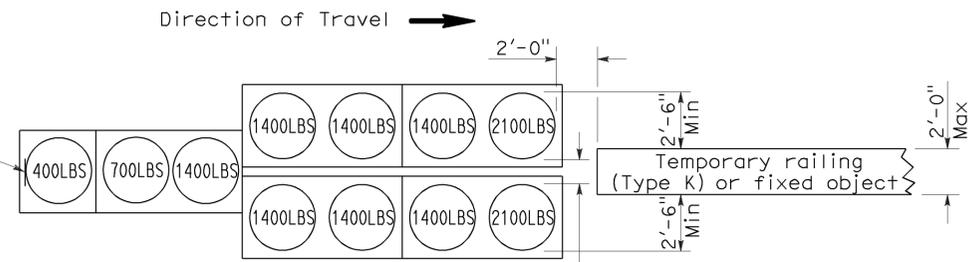
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 10-03-11



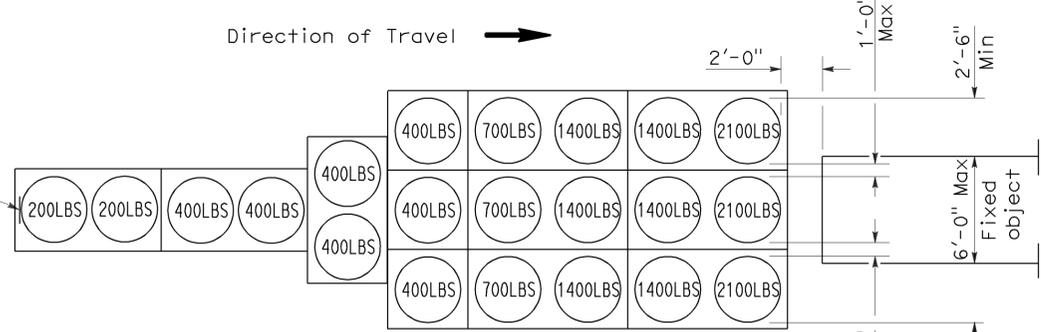
ARRAY 'TU14'

Approach speed 45 mph or more



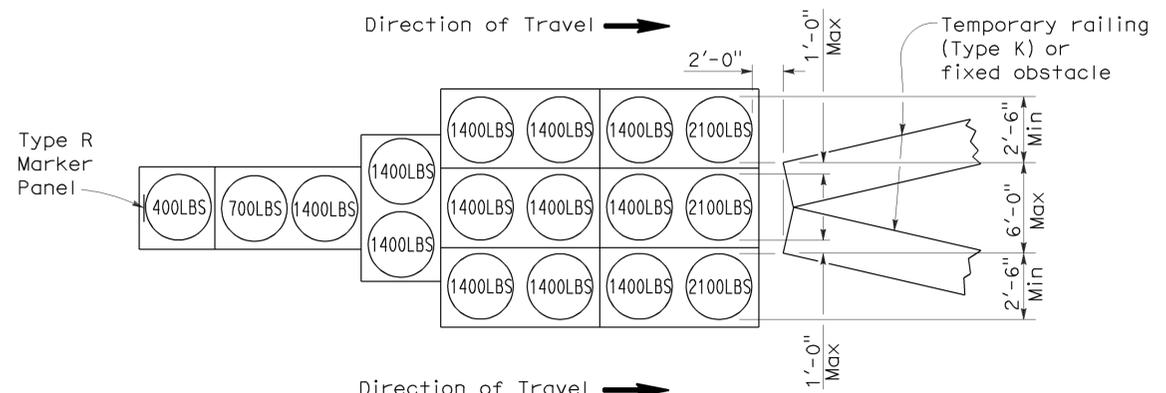
ARRAY 'TU11'

Approach speed less than 45 mph



ARRAY 'TU21'

Approach speed 45 mph or more

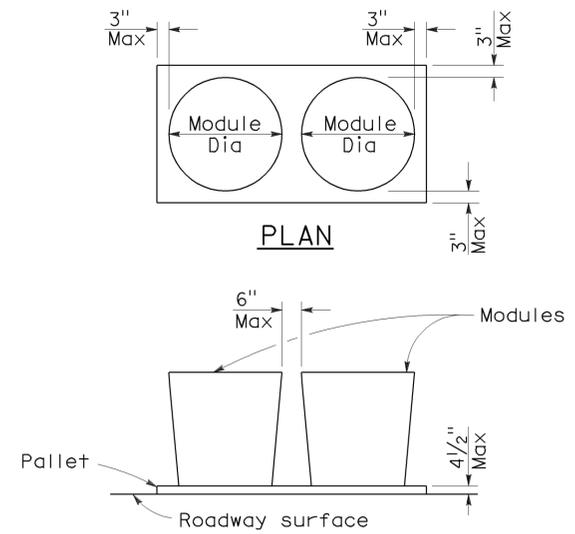


ARRAY 'TU17'

Approach speed less than 45 mph

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.



CRASH CUSHION PALLET DETAIL
See Note 7

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(UNIDIRECTIONAL)**

NO SCALE

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

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

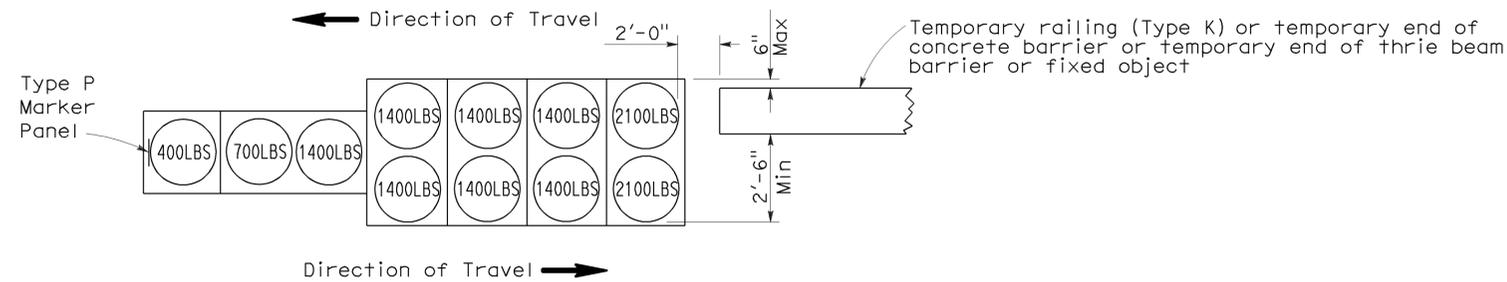
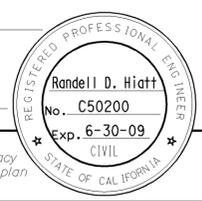
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SCI	17	10.5, 13.8 13.9	6	11

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

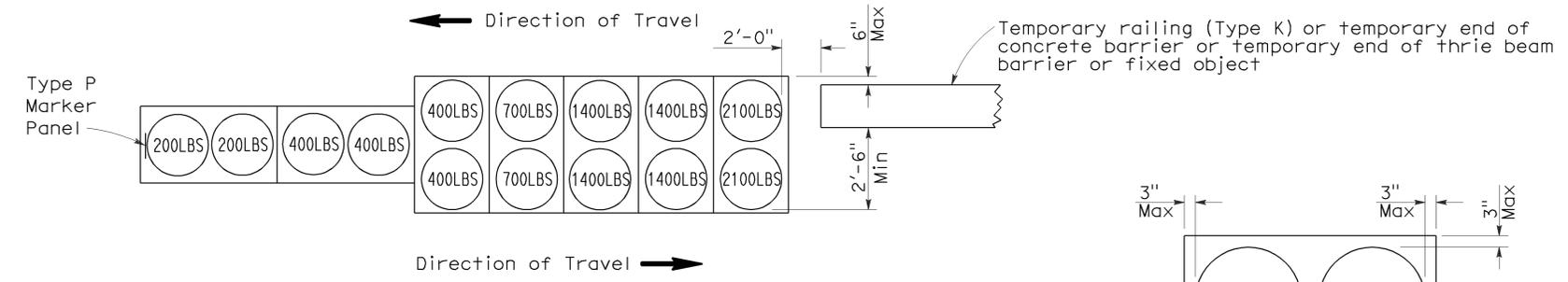
June 6, 2008
PLANS APPROVAL DATE

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

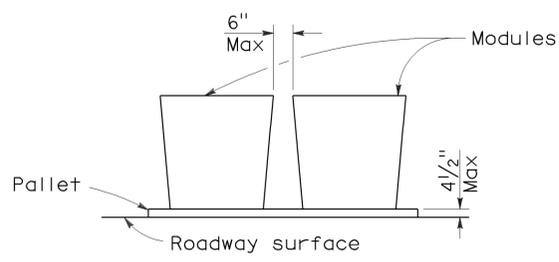
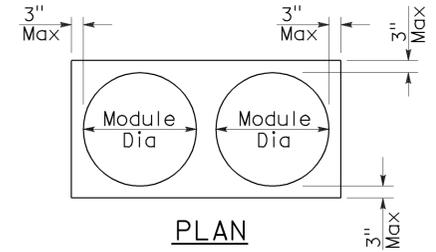
To accompany plans dated 10-03-11



ARRAY 'TB11'
Approach speed less than 45 mph



ARRAY 'TB14'
Approach speed 45 mph or more



CRASH CUSHION PALLET DETAIL
See Note 7

NOTES:

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

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

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

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

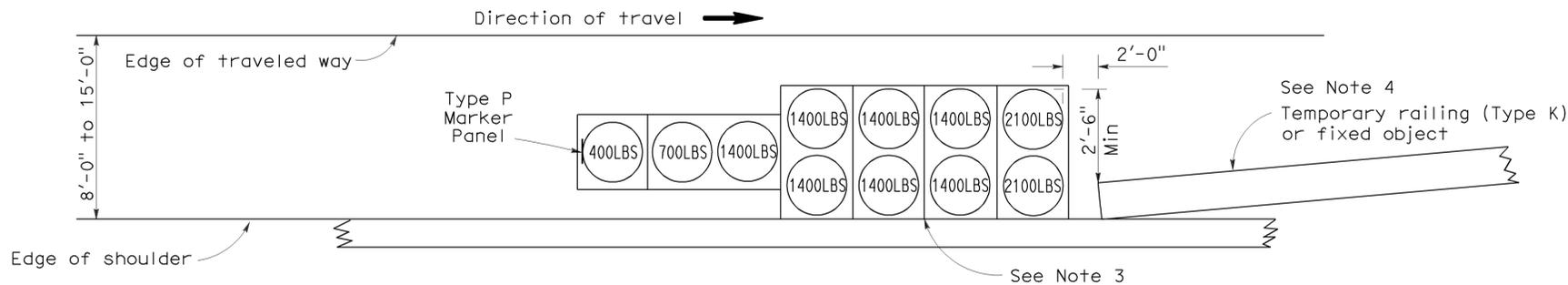
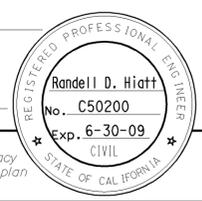
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SCI	17	10.5, 13.8 13.9	7	11

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

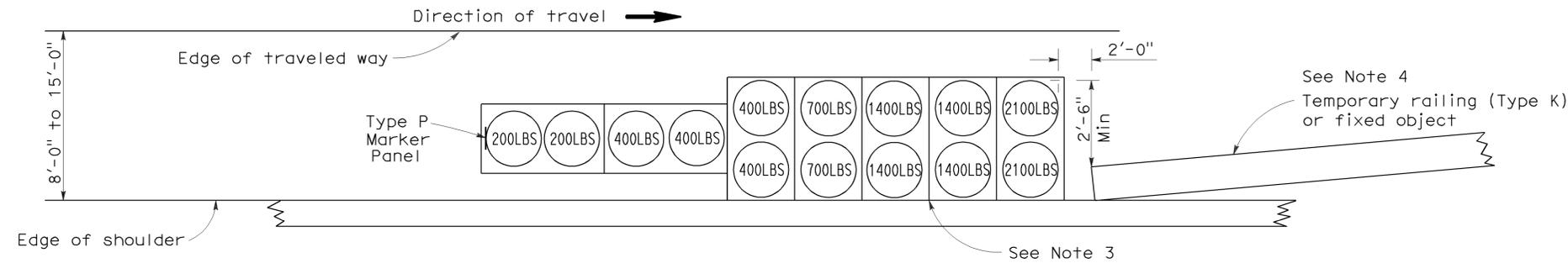
June 6, 2008
PLANS APPROVAL DATE

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

To accompany plans dated 10-03-11



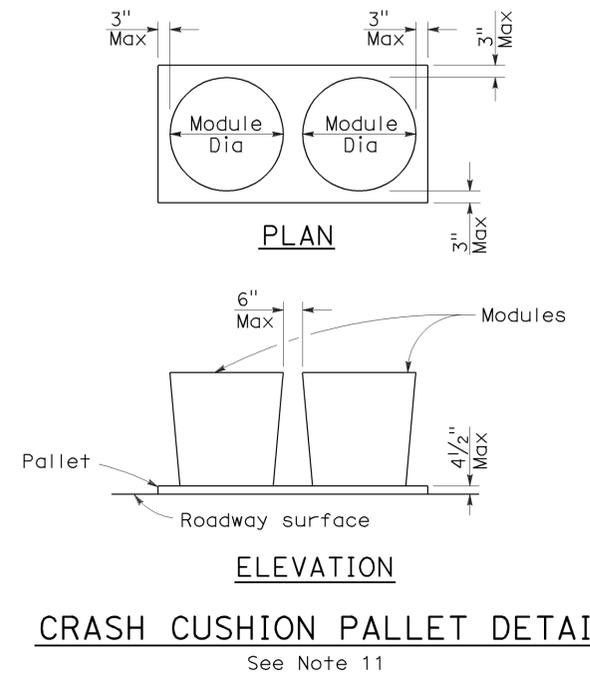
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



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

NOTES:

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



CRASH CUSHION PALLET DETAIL
See Note 11

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

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

REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	17	10.5, 13.8 13.9	8	11

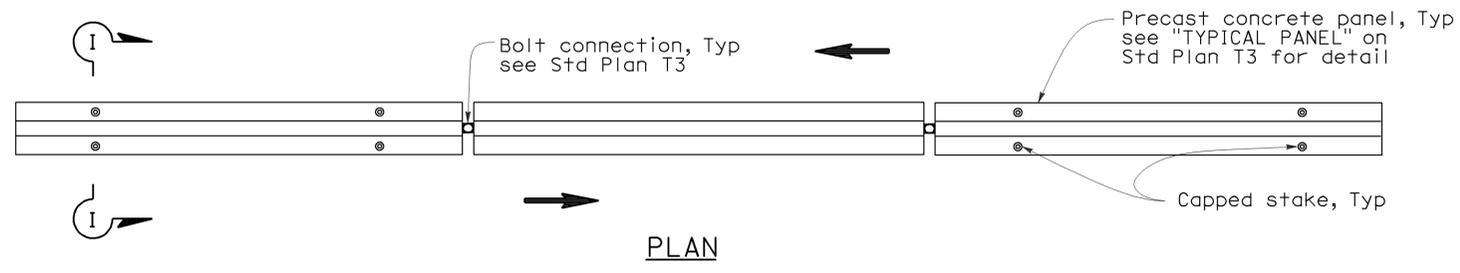
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

May 20, 2011
PLANS APPROVAL DATE

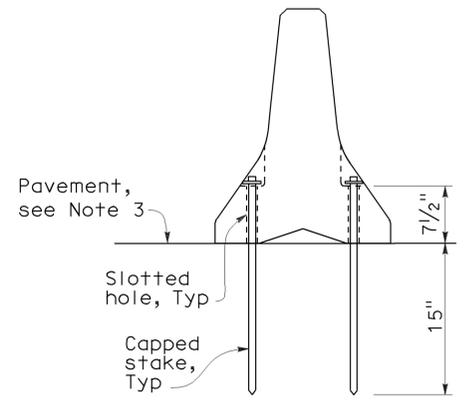
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 10-03-11



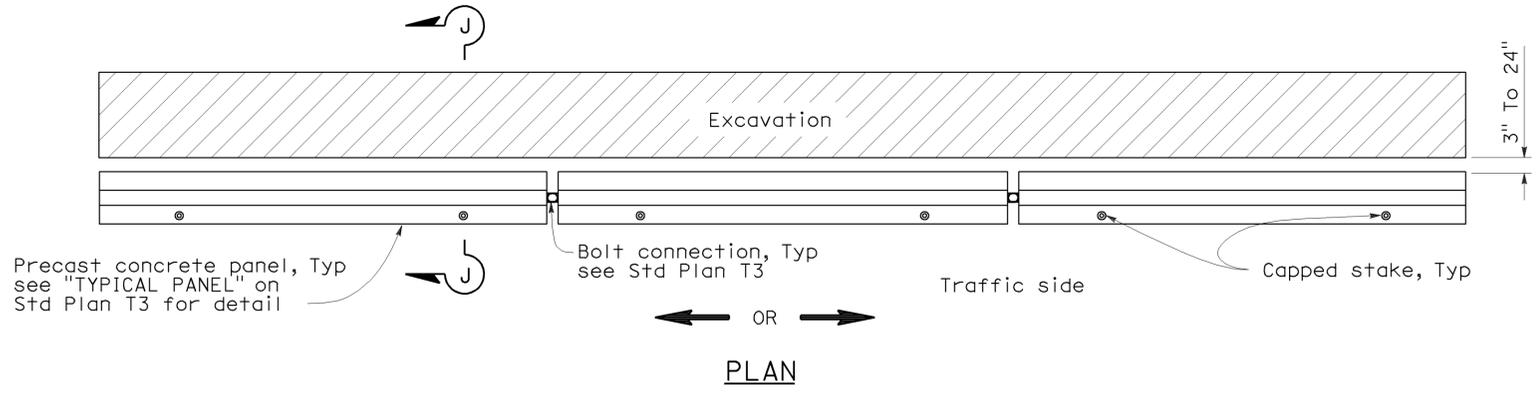
RAILING STAKING CONFIGURATION FOR TWO-WAY TRAFFIC
See Note 1



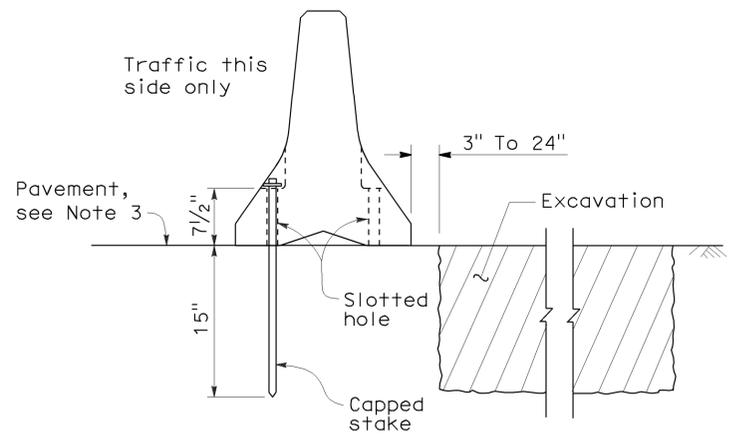
SECTION I-I

NOTES:

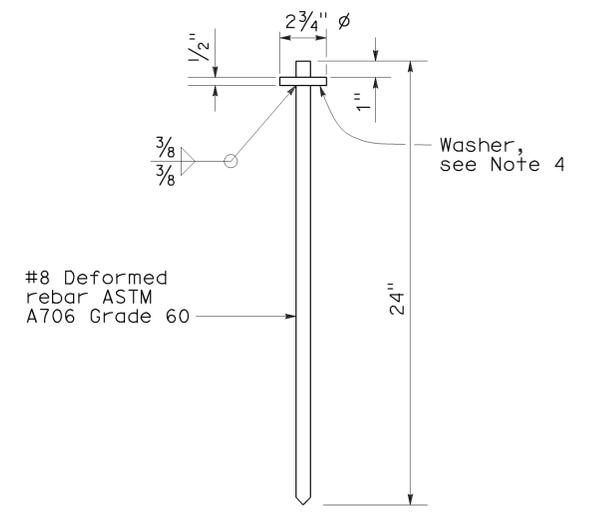
1. Where Type K Temporary Railing is placed as a temporary or long term barrier in two-way traffic on highways with less than 24" from the edge of traveled way, use four capped stakes per every other panel with end panels staked.
2. Where Type K Temporary Railing is placed 3" to 24" from the edge of an excavation on highways, use two capped stakes per panel along the traffic side.
3. Staked Type K Temporary Railing must be supported by at least 4" thick concrete, hot mix asphalt or existing asphalt concrete pavement.
4. The minimum yield strength for the washer must be 60,000 psi.
5. Direction of adjacent traffic indicated by \Rightarrow .



RAILING STAKING CONFIGURATION ADJACENT TO AN EXCAVATION
See Note 2



SECTION J-J



CAPPED STAKE DETAIL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY RAILING
(TYPE K)**

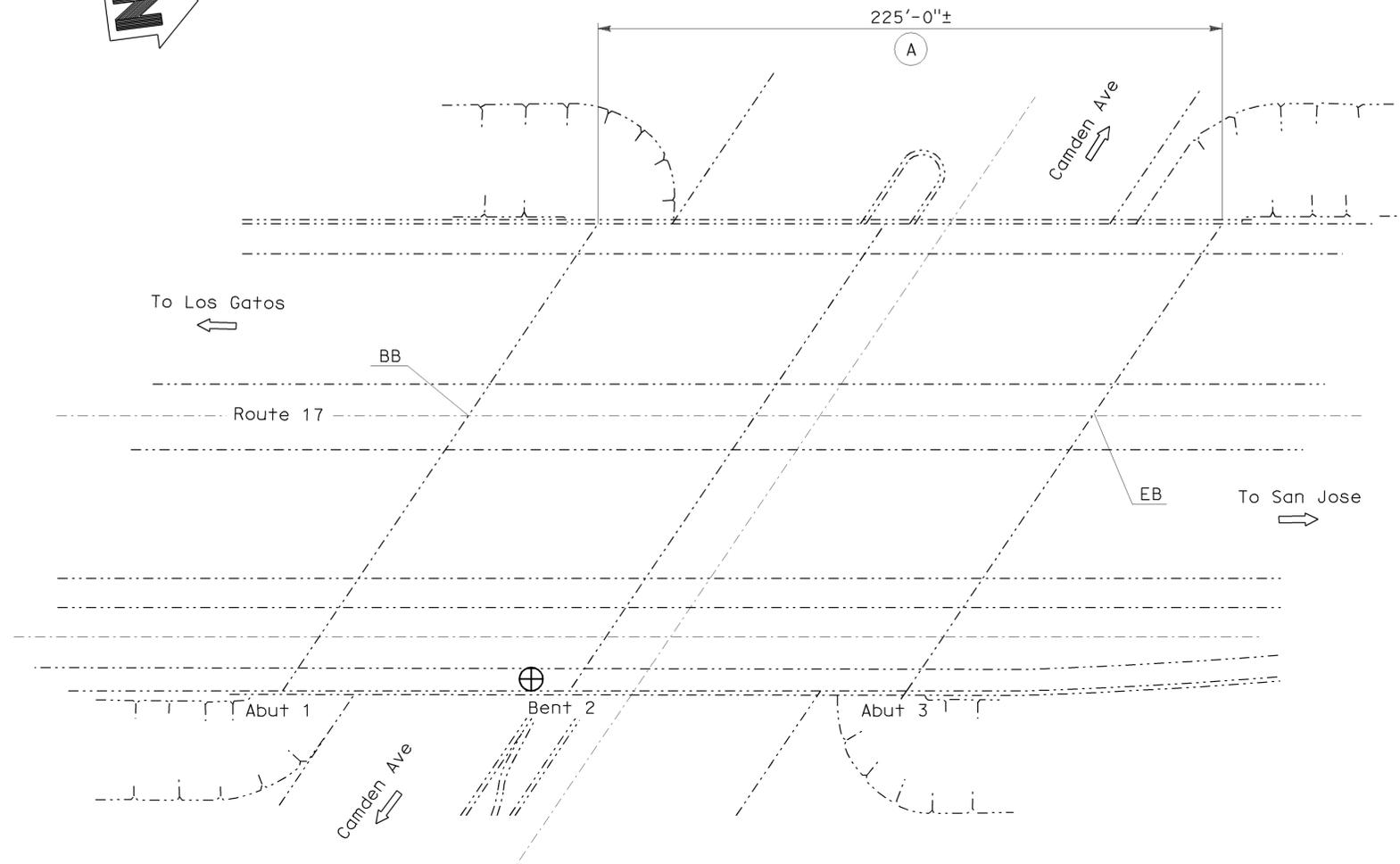
NO SCALE

NSP T3A DATED MAY 20, 2011 SUPPLEMENTS
THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T3A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	17	Various	9	11

mBahrami
 REGISTERED CIVIL ENGINEER DATE 7-21-11
 10-03-11
 PLANS APPROVAL DATE
 Michael Bahrami
 No. 58795
 Exp. 6-30-13
 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.



LEGEND:

- Indicates existing structure
- ⇒ Indicates direction of traffic
- Indicates bridge location. see "Title" sheet.
- ⊕ Indicates minimum vertical clearance

NOTES:

- ⊙ A Limits of Clean and Paint Structural Steel (Existing Bridge).

STANDARD PLANS DATED MAY 2006

SHEET No.	TITLE
A10A	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
A10B	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)

INDEX TO PLANS

SHEET No.	TITLE
1	GENERAL PLAN No. 1
2	GENERAL PLAN No. 2
3	GENERAL PLAN No. 3

1 CAMDEN AVENUE UNDERCROSSING
 Br No. 37-0147, Rte 17, PM 10.50
 No Scale

Miscellaneous Bridge Data (For Information Only)

Bridge No.	Bridge Name	Superstructure			Min. Vertical Clearance
		Type of Girder	No. of Girder	Depth	
37-0147	Camden Ave. UC	Composite Steel Box	13	4'-6"	±15'-9"
37-0139	Moorpark Ave. UC	Composite Steel Girder	20	3'-10"	±14'-10"
37-0131	Route 17/280 Separation	Composite Steel Girder	16	4'-3"	±16'-3"
37-0131F	Route 17/280 Separation	Composite Steel Girder	5	4'-3"	±16'-3"
37-0131G	Route 17/280 Separation	Composite Steel Girder	5	4'-3"	±16'-3"

CAMDEN AVENUE UC		BRIDGE NO. 37-0147	
QUANTITIES			
CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)		LUMP SUM	
PAINT STRUCTURAL STEEL (EXISTING BRIDGE)		LUMP SUM	
SPOT BLAST CLEAN AND PAINT UNDERCOAT	3,994	SQFT	
WORK AREA MONITORING		LUMP SUM	

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

PAINT BRIDGES
CAMDEN AVENUE UNDERCROSSING
GENERAL PLAN 1

DESIGN BY M. Bahrami	CHECKED H. Su	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE AND INVESTIGATIONS	BRIDGE NO. 37-0147	
DETAILS BY B. Ballesteros	CHECKED M. Bahrami	LAYOUT	BY B. Ballesteros			CHECKED M. Bahrami	POST MILE 10.50
QUANTITIES BY M. Bahrami	CHECKED H. Su	SPECIFICATIONS	BY J. Ramirez			PLANS AND SPECS COMPARED	

USERNAME => s114592 DATE PLOTTED => 27-SEP-2011 TIME PLOTTED => 12:50

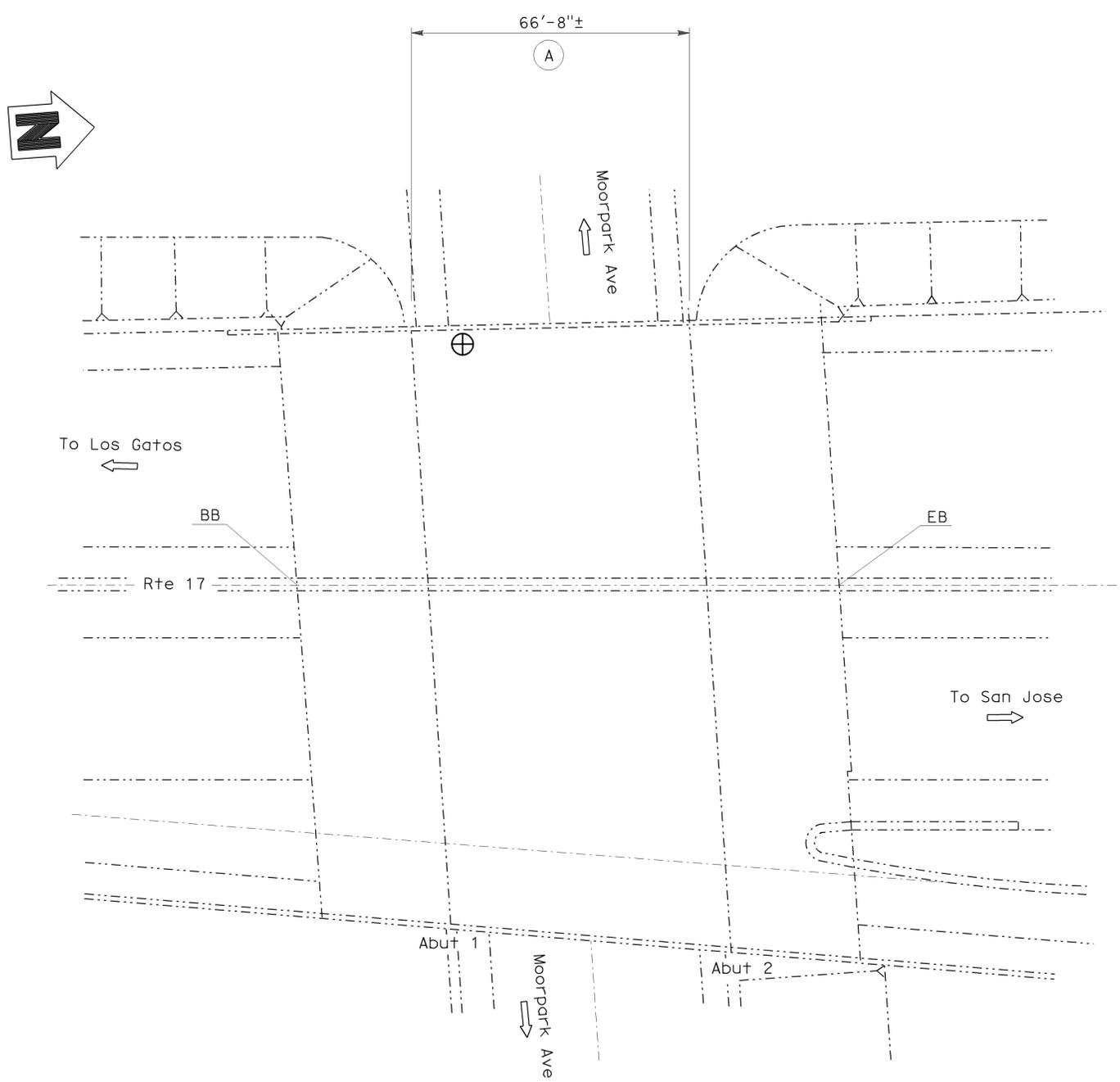
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	17	Various	10	11

mhbahrami 7-21-11
REGISTERED CIVIL ENGINEER DATE

10-03-11
PLANS APPROVAL DATE

Michael Bahrami
No. 58795
Exp. 6-30-13
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.



LEGEND:

- Indicates existing structure
- Indicates direction of traffic
- ⊖ Indicates bridge location. see "Title" sheet.
- ⊕ Indicates minimum vertical clearance

NOTES:

- (A) Limits of Clean and Paint Structural Steel (Existing Bridge).

MOORPARK AVENUE UC	BRIDGE NO. 37-0139
QUANTITIES	
CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
SPOT BLAST CLEAN AND PAINT UNDERCOAT	1,402 SQFT
WORK AREA MONITORING	LUMP SUM

2 MOORPARK AVENUE UNDERCROSSING
Br No. 37-0139, Rte 17, PM 13.85
No Scale

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

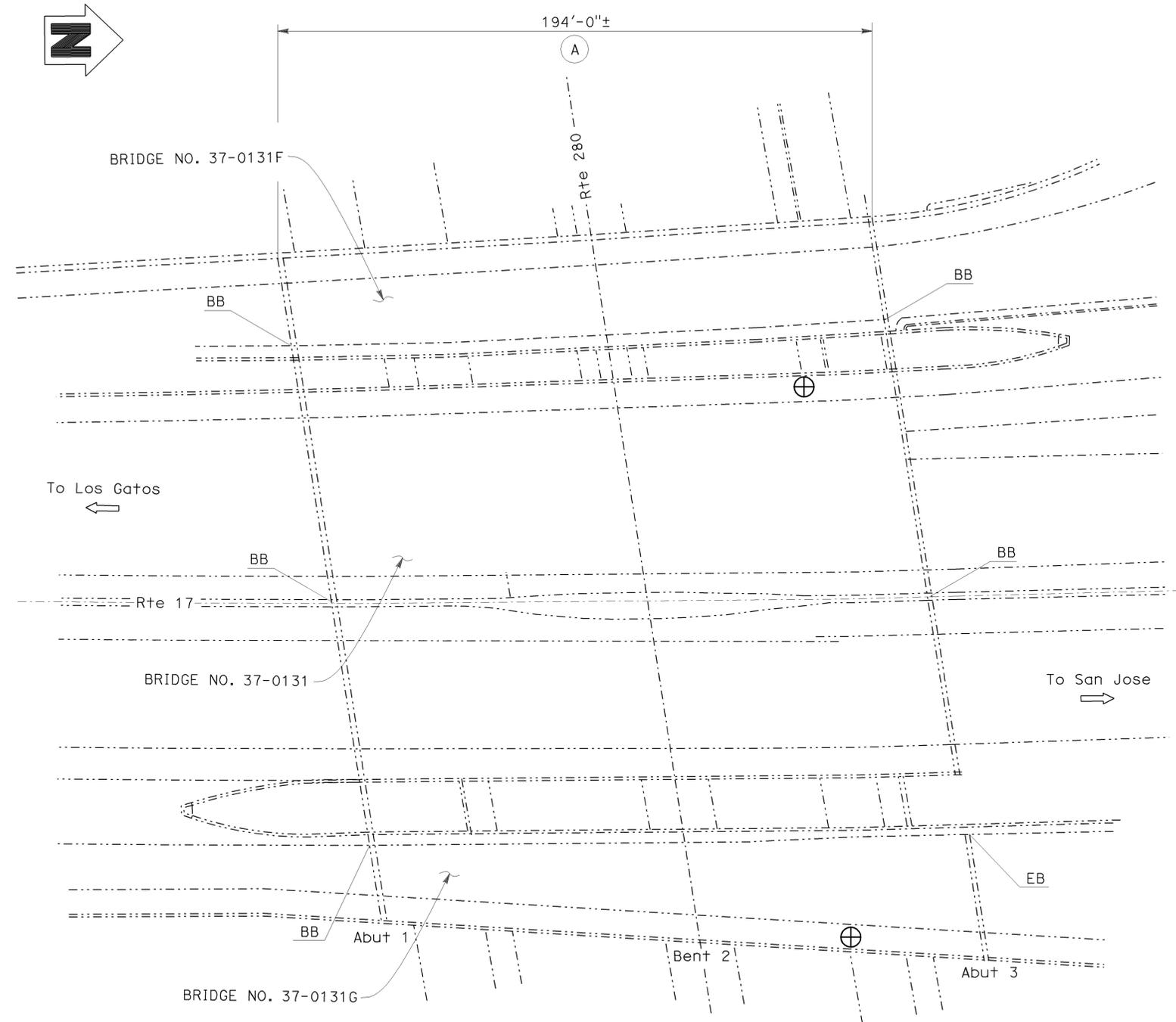
 DESIGN ENGINEER 07-21-11	DESIGN	BY M. Bahrami	CHECKED H. Su	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE AND INVESTIGATIONS	BRIDGE NO.	37-0139	
	DETAILS	BY B. Ballesteros	CHECKED M. Bahrami	LAYOUT	BY B. Ballesteros			CHECKED M. Bahrami	POST MILE	13.85
	QUANTITIES	BY M. Bahrami	CHECKED H. Su	SPECIFICATIONS	BY J. Ramirez			PLANS AND SPECS COMPARED		

PAINT BRIDGES	
MOORPARK AVENUE UNDERCROSSING	
GENERAL PLAN 2	
REVISION DATES	SHEET OF
06-23-11	2 3

USERNAME => s114592 DATE PLOTTED => 27-SEP-2011 TIME PLOTTED => 12:50

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	17	Various	11	11

Michael Bahrami
 REGISTERED CIVIL ENGINEER DATE 7-21-11
 10-03-11
 PLANS APPROVAL DATE
 Michael Bahrami
 No. 58795
 Exp. 6-30-13
 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.



- LEGEND:**
- Indicates existing structure
 - ➔ Indicates direction of traffic
 - Indicates bridge location, see "Title" sheet.
 - ⊕ Indicates minimum vertical clearance

- NOTES:**
- Ⓐ Limits of Clean and Paint Structural Steel (Existing Bridge). Br nos. 37-0131, 37-0131F and 37-0131G.

ROUTE 17/280 SEPARATION	BRIDGE NO. 37-0131
QUANTITIES	
CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
SPOT BLAST CLEAN AND PAINT UNDERCOAT	3,818 SQFT
WORK AREA MONITORING	LUMP SUM

ROUTE 17/280 SEPARATION	BRIDGE NO. 37-0131F
QUANTITIES	
CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
SPOT BLAST CLEAN AND PAINT UNDERCOAT	1,239 SQFT
WORK AREA MONITORING	LUMP SUM

ROUTE 17/280 SEPARATION	BRIDGE NO. 37-0131G
QUANTITIES	
CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
SPOT BLAST CLEAN AND PAINT UNDERCOAT	1,490 SQFT
WORK AREA MONITORING	LUMP SUM

③ ④ ⑤ ROUTE 17/280 SEPARATION
 Br No. 37-0131, 37-0131F & 37-0131G Rte 17, PM 13.93
 No Scale

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

Kenneth R. Brown
 DESIGN ENGINEER 07-21-11

DESIGN	BY M. Bahrami	CHECKED H. Su	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD
DETAILS	BY B. Ballesteros	CHECKED M. Bahrami	LAYOUT	BY B. Ballesteros
QUANTITIES	BY M. Bahrami	CHECKED H. Su	SPECIFICATIONS	BY J. Ramirez

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
 STRUCTURE MAINTENANCE AND INVESTIGATIONS

BRIDGE NO.	Var
POST MILE	13.93

PAINT BRIDGES

ROUTE 17/280 SEPARATION

GENERAL PLAN 3

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