ACHSSTPG-X085(048)E

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	101,237, 280	Var	1	61

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

3

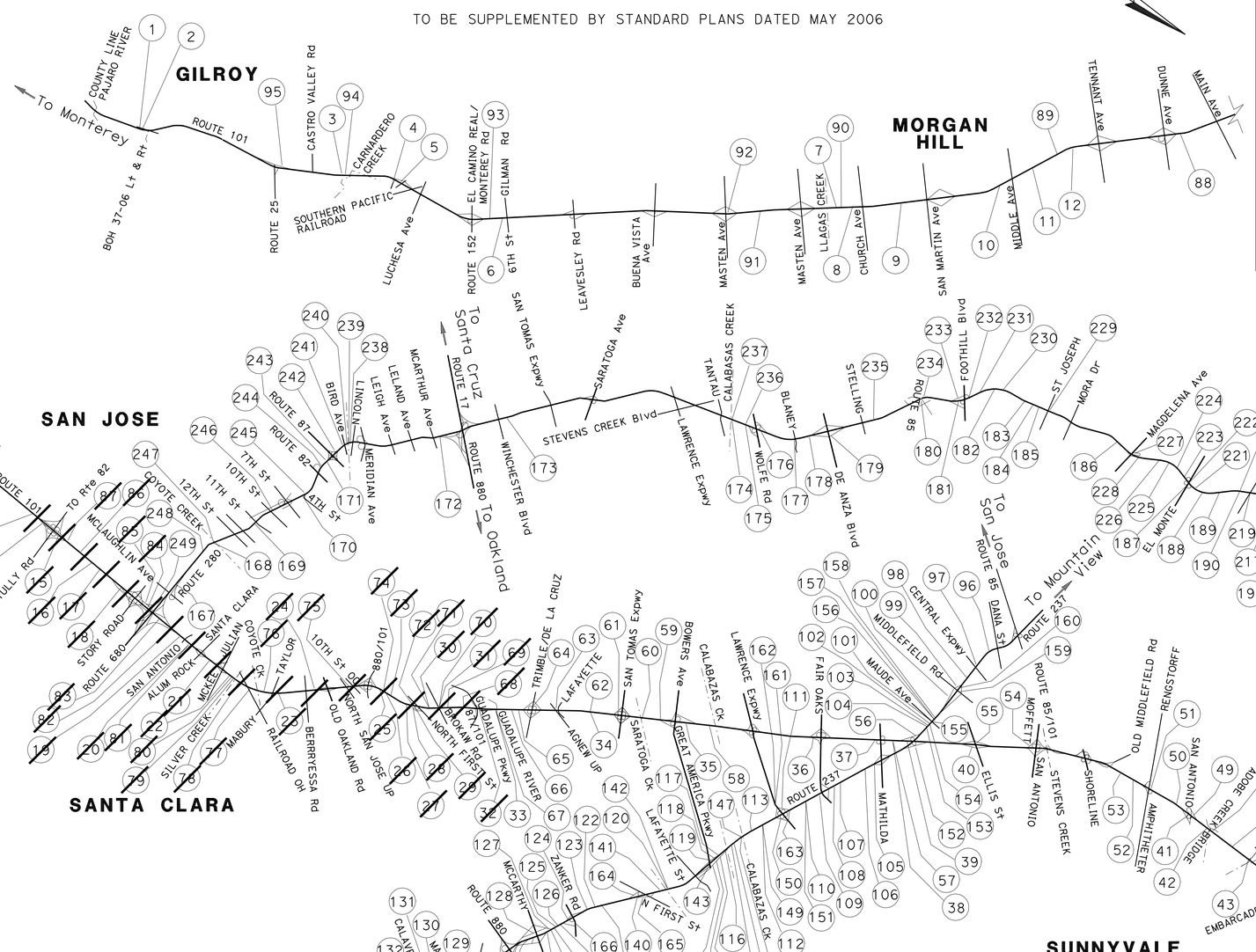
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN SANTA CLARA COUNTY AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-12	CONSTRUCTION DETAILS
13-29	CONSTRUCTION AREA SIGNS
30-46	SUMMARY OF QUANTITIES
47-61	REVISED AND NEW STANDARD PLANS

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



NOTE:
THE TABLE OF LOCATIONS OF CONTRUCTION IS SHOWN ON THE CONSTRUCTION DETAILS SHEETS.

PROJECT ENGINEER REGISTERED CIVIL ENGINEER — DATE 5-10-09

July 27, 2009
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Patrick Yip — No. 44277 — Exp. 6-30-09 — 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.

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

3 **REVISED PER ADDENDUM No. 3 DATED JANUARY 14, 2010**

PROJECT MANAGER: NICK SALEH
DESIGN ENGINEER: PATRICK YIP

LAST REVISION 05-09-09 — DATE PLOTTED => 13-JAN-2010 — TIME PLOTTED => 09:06

CONTRACT No. **04-0A7814**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	101,237, 280	Var	2	61

REGISTERED CIVIL ENGINEER 5-10-09 DATE

7-27-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Patrick Yip No. 44277 Exp 6-30-09 CIVIL STATE OF CALIFORNIA

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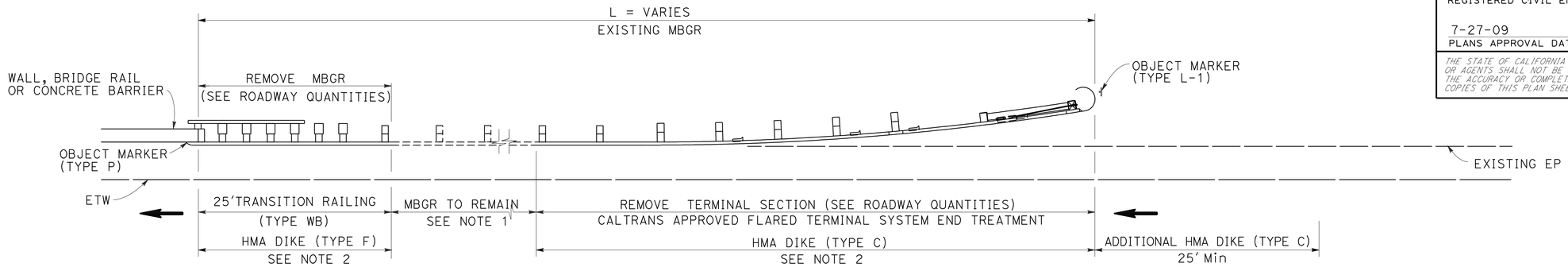


PLAN
CASE 1

LOCATIONS OF CONSTRUCTION

ROUTE	LOCATION No.	PM	DIRECTION	COMMENTS
101	4	4.8	NB	
	6	6.6	NB	APPROACH UPGRADED
	8	11.1	NB	
	~~21~~	~~36.0~~	~~NB~~	
	~~22~~	~~36.7~~	~~NB~~	~~APPROACH UPGRADED~~
	~~23~~	~~37.1~~	~~NB~~	~~APPROACH UPGRADED~~
	~~26~~	~~38.8~~	~~NB~~	
	~~28~~	~~39.3~~	~~NB~~	
	~~29~~	~~39.3~~	~~NB~~	
	33	40.2	NB	
	34	41.7	NB	
	42	50.7	NB	
	43	51.3	NB	
	44	52.0	SB	
	46	51.4	SB	
	48	50.7	SB	
	54	47.7	SB	
	60	42.3	SB	
	61	41.8	SB	
	67	40.2	SB	
	~~68~~	~~39.8~~	~~SB~~	
	~~70~~	~~39.5~~	~~SB~~	
	~~74~~	~~38.8~~	~~SB~~	
	~~76~~	~~36.7~~	~~SB~~	
	~~78~~	~~36.4~~	~~SB~~	~~APPROACH UPGRADED~~
	~~82~~	~~35.4~~	~~SB~~	

LOCATIONS OF CONSTRUCTION

ROUTE	LOCATION No.	PM	DIRECTION	COMMENTS
101	95	3.1	SB	
237	97	0.9	EB	
	99	1.5	EB	
	102	2.1	EB	
	110	4.1	EB	
	112	4.8	EB	
	115	5.7	EB	
	118	6.1	EB	
	119	6.1	EB	
	124	8.3	EB	
	125	8.7	EB	
	126	8.9	EB	
	128	8.9	EB	
	136	8.7	WB	
	138	8.5	WB	
	141	6.4	WB	AT THE OC
	145	5.7	WB	AT THE OC
	146	5.7	WB	
	147	5.3	WB	
	151	4.2	WB	
	155	2.0	WB	
	156	M1.2.0/ M1.8	WB	
	158	1.6	WB	
	164	6.7	WB	

3

3

LOCATIONS OF CONSTRUCTION

ROUTE	LOCATION No.	PM	DIRECTION	COMMENTS
237	165	6.9	WB	
	166	8.0	WB	
280	167	0.3	NB	
	172	4.9	NB	
	173	4.8	NB	
	174	7.9	NB	
	176	8.5	NB	
	177	9.0	NB	
	181	11.4	NB	
	184	13.0	NB	
	185	13.4	NB	
	186	14.5	NB	
	230	11.7	SB	
	233	11.1	SB	
	237	7.9	SB	

NOTES:

1. MBGR TO REMAIN IS "L" MINUS REMOVE MBGR IN QUANTITY SHEETS FOR EACH CASE AND LOCATION.
2. REMOVE EXISTING AC DIKES AND PLACE HMA DIKES WITH INDICATED TYPES. SEE Q - SHEETS FOR LOCATIONS
3. MBGR POST MILE LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD.
4. EXACT LOCATION OF MBGR POST AFFECTED BY UTILITIES TO BE DETERMINED BY ENGINEER.
5. SEE QUANTITY SHEETS FOR LOCATION DESCRIPTION.
6. EXISTING UTILITY FACILITIES HAVE NOT BEEN POSITIVELY IDENTIFIED.

ABBREVIATION:

BAGR - BRIDGE APPROACH GUARD RAILING

3 **REVISED PER ADDENDUM No. 3 DATED JANUARY 14, 2010**

CONSTRUCTION DETAILS
NO SCALE

C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
DESIGN
Caltrans

FUNCTIONAL SUPERVISOR: GEORGE LO
CALCULATED-DESIGNED BY: JAY RADOC
CHECKED BY: PATRICK YIP
REVISED BY
DATE REVISED

LAST REVISION 04-23-09 DATE PLOTTED => 12-JAN-2010 TIME PLOTTED => 10:28

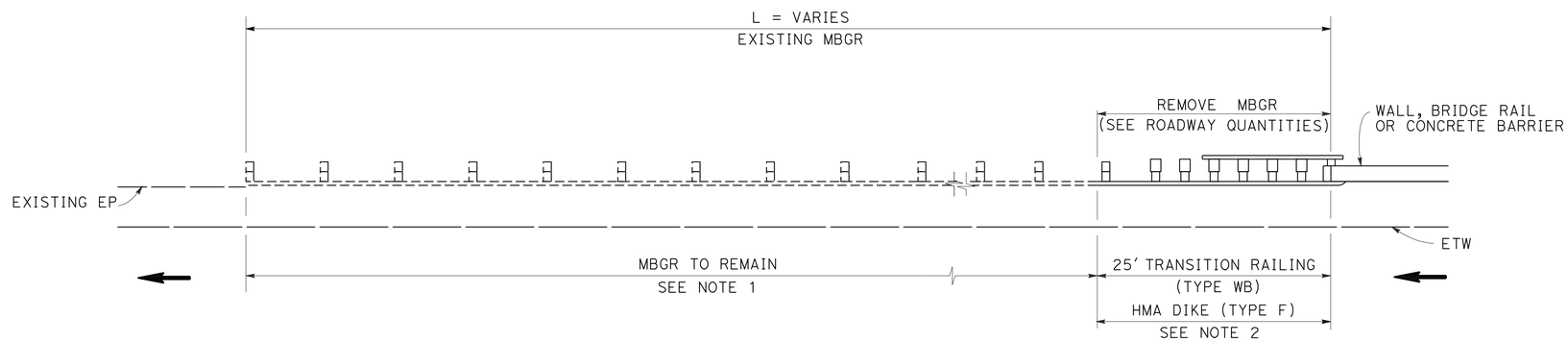
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	101,237, 280	Var	4	61

REGISTERED CIVIL ENGINEER 5-10-09 DATE

7-27-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Patrick Yip No. 44277 Exp. 6-30-09 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
CASE 3

LOCATIONS OF CONSTRUCTION

ROUTE	LOCATION No.	PM	DIRECTION	COMMENTS
~~101~~	~~31~~	~~39.4~~	~~NB~~	
	45	52.0	SB	
	~~72~~	~~39.3~~	~~SB~~	
	~~69~~	~~39.5~~	~~SB~~	
	~~80~~	~~36.3~~	~~SB~~	
237	98	1.1	EB	
	101	1.9	EB	
	127	8.9	EB	
	148	5.3	WB	
	157	1.8/1.7	WB	
	159	1.5	WB	
280	231	11.6	SB	

3 **REVISED PER ADDENDUM No. 3 DATED JANUARY 14, 2010**

FOR NOTES, ABBREVIATIONS &/OR LEGEND, SEE SHEET C-1

CONSTRUCTION DETAILS
NO SCALE

C-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

FUNCTIONAL SUPERVISOR: GEORGE LO
CALCULATED-DESIGNED BY: JAY RADOC
CHECKED BY: PATRICK YIP
REVISED BY
DATE REVISED

LAST REVISION 05-09-09
DATE PLOTTED => 12-JAN-2010
TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	101,237, 280	Var	6	61

REGISTERED CIVIL ENGINEER 5-10-09 DATE

7-27-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Patrick Yip No. 44277 Exp 6-30-09 CIVIL STATE OF CALIFORNIA

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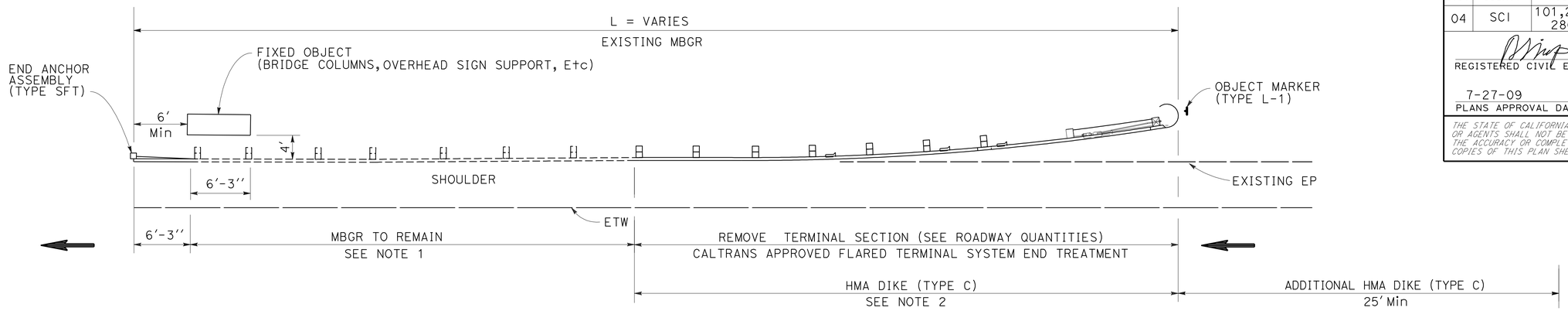

PLAN
CASE 5

LOCATIONS OF CONSTRUCTION

ROUTE	LOCATION No.	PM	DIRECTION	COMMENTS
101	39	46.1	NB	
	41	50.3	NB	
	47	51.3	SB	
	49	50.3	SB	
	51	49.6	SB	
	52	49.3	SB	
	53	49.2	SB	
	56	46.1	SB	
	57	45.9	SB	
	58	43.1	SB	
	59	42.2	SB	
	62	41.6	SB	
	63	41.0	SB	
	64	40.7	SB	
	65	40.7	SB	
	66	40.4	SB	
	~~73~~	~~39.0~~	~~SB~~	
	~~75~~	~~38.0~~	~~SB~~	
	~~77~~	~~36.6~~	~~SB~~	
	~~81~~	~~35.5~~	~~SB~~	
	~~83~~	~~34.9~~	~~SB~~	
	~~84~~	~~34.7~~	~~SB~~	
	~~85~~	~~34.6~~	~~SB~~	
	~~86~~	~~33.9~~	~~SB~~	
	~~87~~	~~33.4~~	~~SB~~	
	88	16.5	SB	
	90	10.8	SB	

3

LOCATIONS OF CONSTRUCTION

ROUTE	LOCATION No.	PM	DIRECTION	COMMENTS
101	91	9.5	SB	
	92	9.3	SB	
	93	6.3	SB	
	103	2.2	EB	
	104	2.3	EB	
	106	3.4	EB	
	107	3.7	EB	
	108	3.8	EB	
	109	3.9	EB	
237	111	4.6	EB	
	121	7.3	EB	
	122	7.5	EB	
	123	7.6	EB	
	137	8.7	WB	
	139	8.3	WB	
	140	7.0	WB	
	149	4.9	WB	
	150	4.6	WB	
	153	2.1	WB	
	154	2.0	WB	
280	170	R1.2	N B	
	175	8.2	N B	
	178	9.3	N B	
	179	9.4	N B	
	180	R18.5	N B	
	182	11.9	N B	

LOCATIONS OF CONSTRUCTION

ROUTE	LOCATION No.	PM	DIRECTION	COMMENTS
280	183	12.0	NB	
	199	18.5	NB	
	200	19.3	NB	
	201	20.0	NB	
	202	20.4	NB	
	206	20.0	SB	
	207	19.3	SB	
	213	17.2	SB	
	215	16.7	SB	
	216	16.6	SB	
	217	16.2	SB	
	224	15.1	SB	
	225	14.9	SB	
	226	14.4	SB	
	232	11.6	SB	
	234	10.9	SB	
	235	9.9	SB	
	236	8.0	SB	
	241	2.9	SB	

3 **REVISED PER ADDENDUM No. 3 DATED JANUARY 14, 2010**

FOR NOTES, ABBREVIATIONS &/OR LEGEND, SEE SHEET C-1

CONSTRUCTION DETAILS
NO SCALE

C-5

REVISED BY | DATE REVISED
JAY RADOC | PATRICK YIP
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
GEORGE LO
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

LAST REVISION 05-09-09 | DATE PLOTTED => 12-JAN-2010 | TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	101,237, 280	Var	7	61

REGISTERED CIVIL ENGINEER 5-10-09 DATE

7-27-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Patrick Yip No. 44277 Exp 6-30-09 CIVIL STATE OF CALIFORNIA

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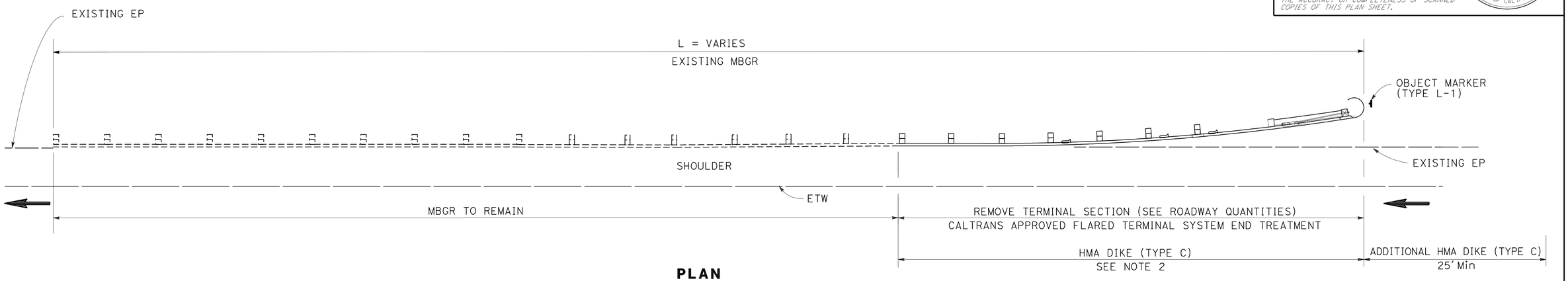

PLAN
CASE 6

LOCATIONS OF CONSTRUCTION

ROUTE	LOCATION No.	PM	DIRECTION	COMMENTS
101	7	10.9	NB	
	9	11.3	NB	
	10	13.7	NB	
	11	13.9	NB	
	12	14.3	NB	
	~~13~~	~~32.1~~	~~NB~~	
	~~14~~	~~32.8~~	~~NB~~	
	~~15~~	~~33.1~~	~~NB~~	
	~~16~~	~~33.8~~	~~NB~~	
	~~17~~	~~34.3~~	~~NB~~	
	~~18~~	~~34.5~~	~~NB~~	
	~~19~~	~~35.4~~	~~NB~~	
	~~20~~	~~35.5~~	~~NB~~	
	~~24~~	~~37.6~~	~~NB~~	
	~~25~~	~~38.5~~	~~NB~~	
	~~27~~	~~39.2~~	~~NB~~	
	~~32~~	~~40.0~~	~~NB~~	
	35	42.9	NB	
	36	44.8	NB	

LOCATIONS OF CONSTRUCTION

ROUTE	LOCATION No.	PM	DIRECTION	COMMENTS
101	37	45.7	NB	
	38	46.0	NB	
	50	50.0	SB	
	89	14.9	SB	
280	188	15.3	NB	
280	189	15.5	NB	

3 **REVISED PER ADDENDUM No. 3 DATED JANUARY 14, 2010**

FOR NOTES, ABBREVIATIONS &/OR LEGEND, SEE SHEET C-1

CONSTRUCTION DETAILS
NO SCALE

C-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

FUNCTIONAL SUPERVISOR: GEORGE LO
CALCULATED-DESIGNED BY: JAY RADOC
CHECKED BY: PATRICK YIP
REVISED BY
DATE REVISED

LAST REVISION 05-09-09 | DATE PLOTTED => 12-JAN-2010 | TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	101,237, 280	Var	8	61

REGISTERED CIVIL ENGINEER 5-10-09 DATE

7-27-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Patrick Yip No. 44277 Exp 6-30-09 CIVIL STATE OF CALIFORNIA

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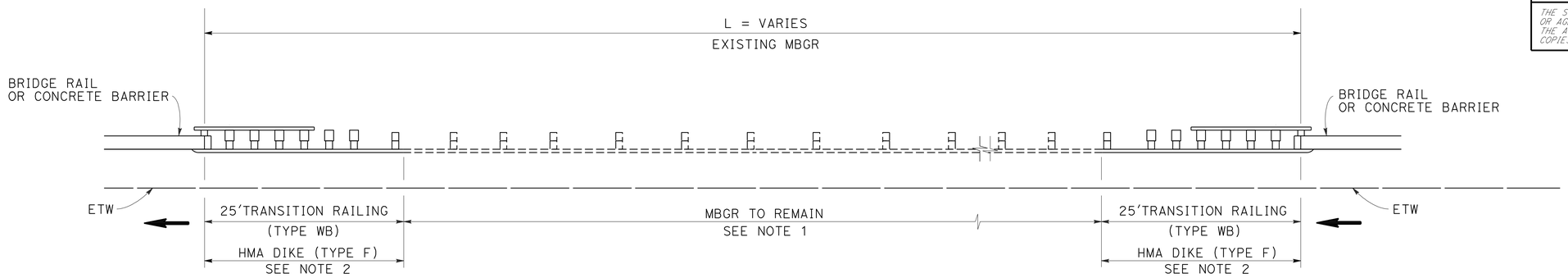

PLAN
CASE 7

LOCATIONS OF CONSTRUCTION

ROUTE	LOCATION No.	PM	DIRECTION	COMMENTS
~~101~~	~~30~~	~~39.3~~	~~NB~~	
	~~71~~	~~39.4~~	~~SB~~	
	~~79~~	~~36.3~~	~~SB~~	
237	100	1.6/1.8	EB	
	113	5.0/5.1	EB	
	114	5.3/5.7	EB	
	116	5.7/5.8	EB	
	117	5.8/6.1	EB	
	120	6.3	EB	
	142	6.4/6.9	WB	
	143	6.1/5.9	WB	
	144	5.8/5.7	WB	
	160	1.4/1.1	WB	
280	249	R0.3	SB	

3 **REVISED PER ADDENDUM No. 3 DATED JANUARY 14, 2010**

FOR NOTES, ABBREVIATIONS &/OR LEGEND, SEE SHEET C-1

CONSTRUCTION DETAILS
NO SCALE

C-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

FUNCTIONAL SUPERVISOR: GEORGE LO
CALCULATED-DESIGNED BY: JAY RADOC
CHECKED BY: PATRICK YIP
REVISED BY
DATE REVISED

LAST REVISION 05-09-09
DATE PLOTTED => 12-JAN-2010
TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	101,237, 280	Var	14	61

REGISTERED CIVIL ENGINEER 5-5-09 DATE

7-27-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Jerilyn L. Struven No. 49964 Exp. 12-31-10 CIVIL STATE OF CALIFORNIA

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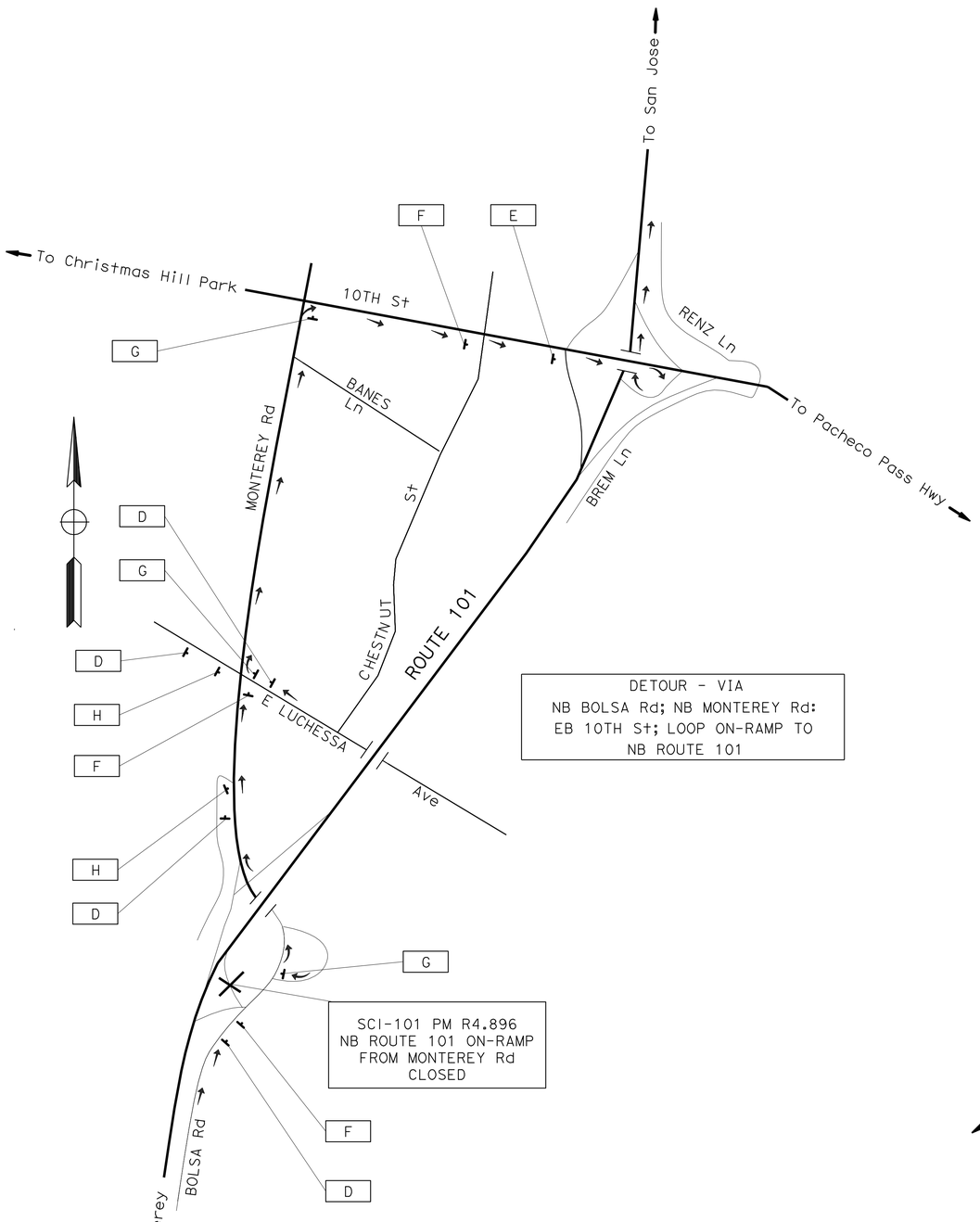
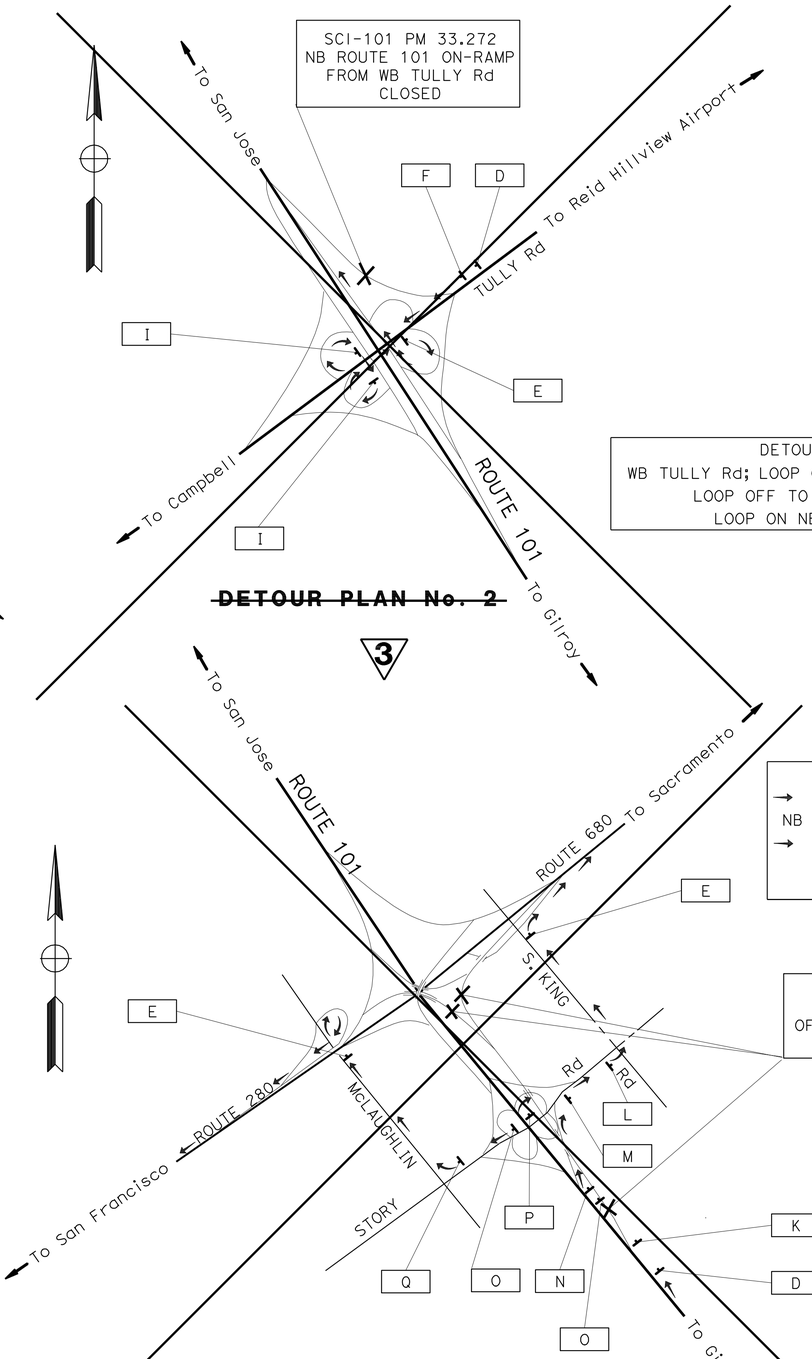
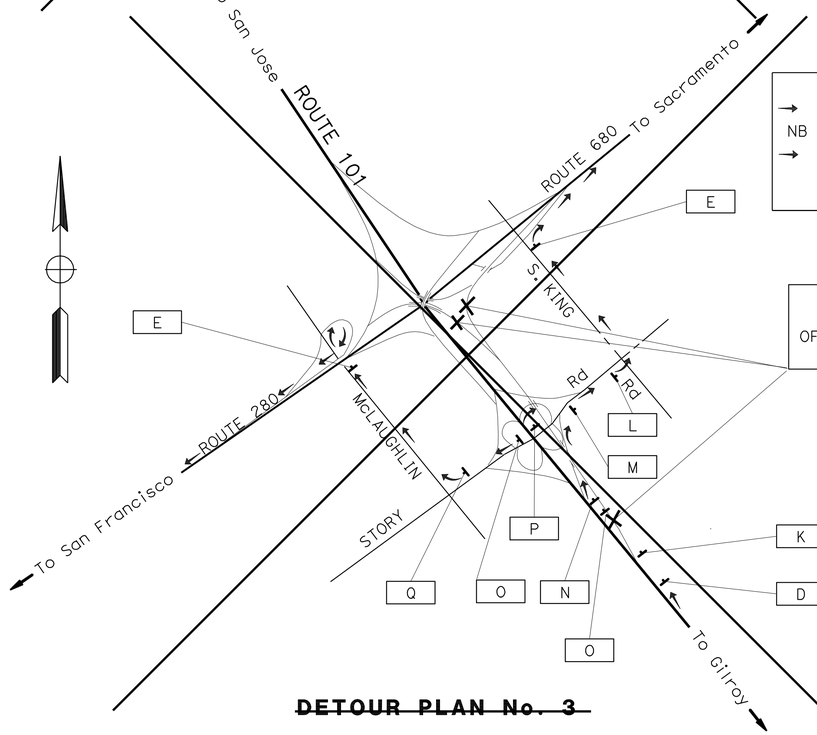


DETOUR PLAN No. 1



~~**DETOUR PLAN No. 2**~~

3



~~**DETOUR PLAN No. 3**~~

3

3 **REVISED PER ADDENDUM No. 3 DATED JANUARY 14, 2010** 3

FOR NOTES, ABBREVIATIONS &/OR LEGEND, SEE SHEET CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN AND DETOUR PLANS WORK ONLY

CONSTRUCTION AREA SIGNS
(DETOUR PLANS)
NO SCALE

CS-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC

FUNCTIONAL SUPERVISOR: JERILYN STRUVEN
CALCULATED-DESIGNED BY: HENRY TAM
CHECKED BY: JERILYN L. STRUVEN
REVISED BY
DATE REVISED

LAST REVISION 05-12-09 | DATE PLOTTED => 12-JAN-2010 | TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	101,237, 280	Var	30	61

REGISTERED CIVIL ENGINEER 5-10-09 DATE

7-27-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Patrick Yip No. 44277 Exp 6-30-09 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.

ROADSIDE QUANTITIES

ROUTE	LOCATION NUMBER	PLAN CASE NUMBER	DESCRIPTION	PM	DIRECTION	REMOVE AC DIKE (LF)	HOT MIX ASPHALT DIKE (TYPE C) (LF)	MINOR HOT MIX ASPHALT (TON)	REMOVE MARKER (EA)	OBJECT MARKER (TYPE L-1) (EA)	OBJECT MARKER (TYPE P) (EA)	GUARD RAILING DELINEATOR (EA)	MINOR CONCRETE, MINOR STRUCTURE (CY)	REMOVE MBGR (LF)	MBGR (WOOD POST) (LF)	REMOVE TERMINAL SECTION (N) (EA)	TRANSITION RAILING (TYPE WB) (EA)	ALTERNATIVE FLARED TERMINAL SYSTEM (EA)	ALTERNATIVE IN-LINE TERMINAL SYSTEM (EA)	END ANCHOR ASSEMBLY (TYPE SFT) (EA)	COMMENTS
101	1	2	SARGENT BOH 37-06 RIGHT SIDE	0.8	NB						1	1	1.41	25			1				UPGRADED APPROACH END
	2	2	SARGENT BOH 37-06 LEFT SIDE	0.8							1	1	1.41	25			1				UPGRADED APPROACH END
	3	2	CARNADERO CREEK	4.2							1	1	1.41	25			1				UPGRADED APPROACH END
	4	1	ON-RAMP FROM EL CAMINO/MONTEREY	4.8						1	1	2		62.5		1	1	1			
	5	8	BETWEEN MONTEREY/SOUTHERN PACIFIC	5.0								2	2.42	50			2				
	6	1	6TH STREET OC/GILMAN ROAD	6.6					1	1	1	2	1.41	62.5		1	1	1			
	7	6	BETWEEN LLAGAS CREEK/CHURCH Ave	10.9					1	1		3		37.5		1		1			
	8	1	CHURCH Ave OC 37-324	11.2						1	1	2		62.5		1	1	1			
	9	6	SIGN - SAN MARTIN/TENNANT/EAST DUNNE	11.3					1	1		3		37.5		1		1			
	10	6	BEFORE MIDDLE Ave	13.7						1		3		37.5		1		1			
	11	6	AFTER MIDDLE Ave/DRAINAGE/INLET	13.9					1	1		3		37.5		1		1			
	12	6	SIGN - TENNANT/EAST DUNNE/COCHRANE	14.3					1	1		3		37.5		1		1			
	~~13~~	~~6~~	~~SIGN - TULLY Rd EXIT ONLY~~	~~32.1~~					~~1~~	~~1~~		~~3~~		~~37.5~~		~~1~~		~~1~~			
	~~14~~	~~6~~	~~SIGN - TULLY Rd EXIT~~	~~32.8~~					~~1~~	~~1~~		~~3~~		~~37.5~~		~~1~~		~~1~~			
	~~15~~	~~6~~	~~PROTECT DITCH~~	~~33.1~~					~~1~~	~~1~~		~~3~~		~~37.5~~		~~1~~		~~1~~			
	~~16~~	~~6~~	~~BETWEEN TULLY Rd AND STORY Rd~~	~~33.8~~		~~100~~	~~100~~	~~0.77~~	~~1~~	~~1~~		~~3~~		~~37.5~~		~~1~~		~~1~~			
	~~17~~	~~6~~	~~SIGN BRIDGE AT OFF RAMP TO ROUTE 680~~	~~34.3~~	~~NB~~				~~1~~	~~1~~		~~3~~		~~37.5~~		~~1~~		~~1~~			
SHEET TOTAL						~~100~~	~~100~~	~~0.77~~	~~10~~	~~13~~	6	~~41~~	8.06	~~687.5~~		~~13~~	8	~~13~~			
									5	8		26		500		8		8			

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

3 REVISED PER ADDENDUM No. 3 DATED JANUARY 14, 2010

SUMMARY OF QUANTITIES

Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
DESIGN
Caltrans
FUNCTIONAL SUPERVISOR: GEORGE LO
CALCULATED-DESIGNED BY: JAY RADOC
CHECKED BY: PATRICK YIP
REVISED BY
DATE REVISED

LAST REVISION 05-11-09
DATE PLOTTED => 12-JAN-2010
TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	101,237, 280	Var	31	61

REGISTERED CIVIL ENGINEER 5-10-09 DATE

7-27-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Patrick Yip No. 44277 Exp 6-30-09 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.

ROADSIDE QUANTITIES

ROUTE	LOCATION NUMBER	PLAN CASE NUMBER	DESCRIPTION	PM	DIRECTION	REMOVE AC DIKE (LF)	HOT MIX ASPHALT DIKE (TYPE C) (LF)	MINOR HOT MIX ASPHALT (TON)	REMOVE MARKER (EA)	OBJECT MARKER (TYPE L-1) (EA)	OBJECT MARKER (TYPE P) (EA)	GUARD RAILING DELINEATOR (EA)	MINOR CONCRETE, MINOR STRUCTURE (CY)	REMOVE MBGR (LF)	MBGR (WOOD POST) (LF)	REMOVE TERMINAL SECTION (N) (EA)	TRANSITION RAILING (TYPE WB) (EA)	ALTERNATIVE FLARED TERMINAL SYSTEM (EA)	ALTERNATIVE IN-LINE TERMINAL SYSTEM (EA)	END ANCHOR ASSEMBLY (TYPE SFT) (EA)	COMMENTS
101	~~18~~	~~6~~	~~SIGN - STORY Rd OFF-RAMP~~	~~34.5~~	~~NB~~				~~1~~	~~1~~		~~3~~		~~37.5~~		~~1~~		~~1~~			
	~~19~~	~~6~~	~~SIGN - SAN JOSE STATE UNIVERSITY~~	~~35.4~~					~~1~~	~~1~~		~~3~~		~~37.5~~		~~1~~		~~1~~			
	~~20~~	~~6~~	~~SIGN - ALUM ROCK OFF-RAMP~~	~~35.5~~					~~1~~	~~1~~		~~3~~		~~37.5~~		~~1~~		~~1~~			
	~~21~~	~~1~~	~~BETWEEN SANTA CLARA/ALUM ROCK & JULIAN/McKEE~~	~~36.0~~					~~1~~	~~1~~	~~1~~	~~2~~		~~62.5~~		~~1~~	~~1~~	~~1~~			
	~~22~~	~~1~~	~~SILVER CREEK~~	~~36.7~~							~~1~~	~~1~~		~~25~~			~~1~~				~~UPGRADED APPROACH END~~
	~~23~~	~~1~~	~~MABURY/TAYLOR ON-RAMP~~	~~37.1~~							~~1~~	~~1~~		~~25~~			~~1~~				~~UPGRADED APPROACH END~~
	~~24~~	~~6~~	~~SIGN - OAKLAND Rd OFF RAMP~~	~~37.6~~					~~1~~	~~1~~		~~3~~		~~37.5~~		~~1~~		~~1~~			
	~~25~~	~~6~~	~~SIGN - OLD BAYSHORE~~	~~38.5~~					~~1~~	~~1~~		~~3~~		~~37.5~~		~~1~~		~~1~~			
	~~26~~	~~1~~	~~OLD BAYSHORE OFF RAMP~~	~~38.8~~						~~1~~	~~1~~	~~2~~		~~62.5~~		~~1~~	~~1~~	~~1~~			
	~~27~~	~~6~~	~~SIGN - BROKAW Rd OFF RAMP~~	~~39.2~~					~~1~~	~~1~~		~~3~~		~~37.5~~		~~1~~		~~1~~			
	~~28~~	~~1~~	~~BROKAW Rd RAMP CONNECTED TO CONCRETE BARRIER~~	~~39.3~~					~~1~~	~~1~~	~~1~~	~~2~~		~~62.5~~		~~1~~	~~1~~	~~1~~			
	~~29~~	~~1~~	~~NORTH FIRST St ON-RAMP~~	~~39.3~~					~~1~~	~~1~~	~~1~~	~~2~~		~~62.5~~		~~1~~	~~1~~	~~1~~			
	~~30~~	~~7~~	~~NORTH FIRST St AND BROKAW Rd~~	~~39.3~~								~~2~~		~~50~~			~~2~~				
	~~31~~	~~3~~	~~AFTER BROKAW UC~~	~~39.4~~								~~1~~		~~25~~			~~1~~				
	~~32~~	~~6~~	~~BENT PROTECTION~~	~~40.0~~					~~1~~	~~1~~		~~3~~		~~37.5~~		~~1~~		~~1~~			
	33	1	GUADALUPE RIVER	40.2						1	1	2		62.5		1	1	1			
	34	1	SIGN - SAN TOMAS/MONTAGUE	41.7	NB				1	1	1	2		62.5		1	1	1			
SHEET TOTAL									~~11~~	~~13~~	~~8~~	~~38~~		~~762.5~~		~~13~~	~~11~~	~~13~~			
									1	2	2	4		125		2	2	2			

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3 REVISED PER ADDENDUM No. 3 DATED JANUARY 14, 2010

SUMMARY OF QUANTITIES

Q-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

FUNCTIONAL SUPERVISOR: GEORGE LO
CALCULATED-DESIGNED BY: JAY RADOC
CHECKED BY: PATRICK YIP
REVISED BY / DATE REVISED

LAST REVISION 05-09-09
DATE PLOTTED => 12-JAN-2010
TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	101,237, 280	Var	33	61

REGISTERED CIVIL ENGINEER 5-10-09 DATE

7-27-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Patrick Yip No. 44277 Exp 6-30-09 CIVIL STATE OF CALIFORNIA

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ROADSIDE QUANTITIES

ROUTE	LOCATION NUMBER	PLAN CASE NUMBER	DESCRIPTION	PM	DIRECTION	REMOVE AC DIKE	HOT MIX ASPHALT DIKE (TYPE C)	MINOR HOT MIX ASPHALT	REMOVE MARKER	OBJECT MARKER (TYPE L-1)	OBJECT MARKER (TYPE P)	GUARD RAILING DELINEATOR	MINOR CONCRETE, MINOR STRUCTURE	REMOVE MBGR	MBGR (WOOD POST)	REMOVE TERMINAL SECTION (N)	TRANSITION RAILING (TYPE WB)	ALTERNATIVE FLARED TERMINAL SYSTEM	ALTERNATIVE IN-LINE TERMINAL SYSTEM	END ANCHOR ASSEMBLY (TYPE SFT)	COMMENTS
						LF		TON	EA				CY	LF		EA					
	52	5	SIGN - MOUNTAIN VIEW/SHORELINE	49.3	SB				1	1		2		43.75		1		1		1	
	53	5	SIGN - CUPERTINO/ROUTE 85	49.2					1	1		2		43.75		1		1		1	
	54	1	CONNECTS TO SOUNDWALL	47.7					1	1	1	2		62.5		1	1	1			
	55	2	ELLIS St UC	47.0					1	1	1	2	1.41	62.5		1	1	1			
	56	5	ROUTE 237 OFF-RAMP	46.1						1		2		43.75		1		1		1	
	57	5	MATHILDA CHANNEL	45.9						1		2		43.75		1		1		1	
	58	5	SIGN - GREAT AMERICA/BOWERS	43.1					1	1		2		43.75		1		1		1	
	59	5	SIGN - SAN TOMAS/MONTAGUE EXIT ONLY	42.2					1	1		2		43.75		1		1		1	
101	60	1	SIGN - SAN TOMAS/MONTAGUE OFF-RAMP/SARATOGA CREEK	42.3					1	1	1	2		62.5		1	1	1			
	61	1	SAN TOMAS ON-RAMP	41.8						1	1	2		62.5		1	1	1			
	62	5	SIGN - SANTA CLARA/DE LA CRUZ	41.6						1		2		43.75		1		1		1	
	63	5	LAFAYETTE/AGNEW UP	41.0						1		3		75	36	2		1		1	CONNECTS TWO EXISTING MBGR
	64	5	TRIMBLE/DE LA CRUZ OC	40.7						1		2		43.75		1		1		1	
	65	5	TRIMBLE/DE LA CRUZ ON-RAMP	40.7					1	1		2		43.75		1		1		1	
	66	5	SIGN - GUADALUPE Pkwy	40.4						1		2		43.75		1		1		1	
3	67	1	SIGN - GUADALUPE Pkwy/GUADALUPE RIVER	40.2						1	1	2		62.5		1	1	1			
	~~68~~	~~1~~	~~AFTER ROUTE 85~~	~~39.8~~	~~SB~~	~~62.5~~	~~62.5~~	~~0.48~~		~~1~~	~~1~~	~~2~~		~~62.5~~		~~1~~	~~1~~	~~1~~			
SHEET TOTAL						~~62.5~~	~~62.5~~	~~0.48~~	8	~~17~~	~~6~~	~~35~~	1.41	~~887.5~~	36	~~18~~	~~6~~	~~17~~		11	
										16	5	33		825		17	5	16			

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3 REVISED PER ADDENDUM No. 3 DATED JANUARY 14, 2010

SUMMARY OF QUANTITIES

Q-4

REVISED BY | DATE REVISED
JAY RADOC | PATRICK YIP
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: GEORGE LO
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

LAST REVISION 05-09-09 | DATE PLOTTED => 12-JAN-2010 | TIME PLOTTED => 10:30

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	101,237, 280	Var	35	61

REGISTERED CIVIL ENGINEER 5-10-09 DATE

7-27-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Patrick Yip No. 44277 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

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ROADSIDE QUANTITIES

ROUTE	LOCATION NUMBER	PLAN CASE NUMBER	DESCRIPTION	PM	DIRECTION	REMOVE AC DIKE (LF)	HOT MIX ASPHALT DIKE (TYPE C) (LF)	MINOR HOT MIX ASPHALT (TON)	REMOVE MARKER (EA)	OBJECT MARKER (TYPE L-1) (EA)	OBJECT MARKER (TYPE P) (EA)	GUARD RAILING DELINEATOR (EA)	MINOR CONCRETE, MINOR STRUCTURE (CY)	REMOVE MBGR (LF)	MBGR (WOOD POST) (LF)	REMOVE TERMINAL SECTION (N) (EA)	TRANSITION RAILING (TYPE WB) (EA)	ALTERNATIVE FLARED TERMINAL SYSTEM (EA)	ALTERNATIVE IN-LINE TERMINAL SYSTEM (EA)	END ANCHOR ASSEMBLY (TYPE SFT) (EA)	COMMENTS
	~~86~~	~~5~~	~~SIGN - TULLY Rd~~	~~33.9~~	~~SB~~					~~1~~		~~2~~		~~43.75~~		~~1~~		~~1~~		~~1~~	
	~~87~~	~~5~~	~~SIGN - TULLY Rd~~	~~33.4~~						~~1~~		~~2~~		~~43.75~~		~~1~~		~~1~~		~~1~~	
	88	5	SIGN E DUNNE OFF-RAMP	16.5						1		2		43.75		1		1		1	
	89	6	CREEK BETWEEN TENNANT/MIDDLE	14.9						1		3		37.5		1		1			
101	90	5	BETWEEN CHURCH Ave/LLAGAS CREEK	10.8						1		2		43.75		1		1		1	
	91	5	BEFORE BUENA VISTA OC	9.5						1		2		43.75		1		1		1	
	92	5	TO WEIGH SCALE	9.3						1		2		43.75		1		1		1	
	93	5	SIGN-OFF RAMP TO E 10TH STREET	6.3						1		2		43.75		1		1		1	
	94	2	CARNADERO CREEK	4.2						1	1	2	1.41	62.5		1	1	1			
	95	1	OFF-RAMP TO ROUTE 25	3.1	SB					1	1	2		62.5		1	1	1			
SHEET TOTAL										~~10~~ 8	2	~~21~~ 17	1.41	~~468.75~~ 381.25		~~10~~ 8	2	~~10~~ 8		~~7~~ 5	

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3 REVISED PER ADDENDUM No. 3 DATED JANUARY 14, 2010

SUMMARY OF QUANTITIES

Q-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

FUNCTIONAL SUPERVISOR: GEORGE LO
CALCULATED-DESIGNED BY: JAY RADOC
CHECKED BY: PATRICK YIP
REVISED BY
DATE REVISED

LAST REVISION 05-11-09
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TIME PLOTTED => 10:30

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	101,237, 280	Var	46	61

REGISTERED CIVIL ENGINEER 5-10-09 DATE

7-27-09
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REGISTERED PROFESSIONAL ENGINEER Patrick Yip No. 44277 Exp 6-30-09 CIVIL STATE OF CALIFORNIA

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ROADSIDE QUANTITIES

ROUTE	LOCATION No.	PLAN CASE NUMBER	DESCRIPTION	PM	DIRECTION	REMOVE AC DIKE	HOT MIX ASPHALT DIKE (TYPE C)	HOT MIX ASPHALT DIKE (TYPE F)	MINOR HOT MIX ASPHALT	REMOVE MARKER	OBJECT MARKER (TYPE L-1)	OBJECT MARKER (TYPE P)	GUARD RAILING DELINEATOR	MINOR CONCRETE, MINOR STRUCTURE	REMOVE MBGR	MBGR (WOOD POST)	REMOVE TERMINAL SECTION (N)	TRANSITION RAILING (TYPE WB)	ALTERNATIVE FLARED TERMINAL SYSTEM	ALTERNATIVE IN-LINE TERMINAL SYSTEM	END ANCHOR ASSEMBLY (TYPE SFT)	COMMENTS
						LF			TON	EA				CY	LF		EA					
	243	4	AFTER SOUTH ALMADEN UC	2.2	SB								1	1.41	25			1				
	244	2	ROUTE 82 ON-RAMP	2.0							1	1	2	1.41	62.5		1	1	1			
	245	4	AFTER ROUTE 82 UC	1.9									1	1.41	25			1				
280	246	2	VIRGINIA ON-RAMP	R1.3							1	1	2	1.41	62.5		1	1	1			
	247	2	11TH STREET ON-RAMP	R1.1						1	1	1	2	1.41	62.5		1	1	1			
	248	8	BETWEEN COYOTE CREEK/KELLY PARK	R1.0									2	2.82	50			2				
	249	7	McLAUGHLIN Ave/101 OFF-RAMP	R0.3	SB								2		50			2				
			SHEET TOTAL							1	3	3	12	9.87	337.5		3	9	3			
			TOTAL			~~1124~~ 570	~~1074~~ 520	50	~~8.43~~ 4.17	~~86~~ 65	~~198~~ 169	~~110~~ 98	~~482~~ 398	95.48	~~12257~~ 10,563	36	~~199~~ 170	~~172~~ 150	~~198~~ 169	1	~~72~~ 63	

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3 REVISED PER ADDENDUM No. 3 DATED JANUARY 14, 2010

SUMMARY OF QUANTITIES

Q-17

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

FUNCTIONAL SUPERVISOR: GEORGE LO
CALCULATED-DESIGNED BY: JAY RADOC
CHECKED BY: PATRICK YIP
REVISED BY
DATE REVISED

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