

GRIND EXISTING CONCRETE PAVEMENT

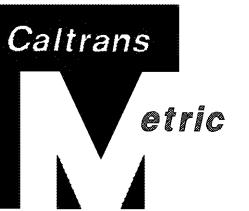
LOCATION	AREA
STATION TO STATION	m ²
"AR" 46+92 To 97+86	36648.0
"AR" 97+97 To 98+60	432.0
"AR" 110+80 To 116+70	4248.0
"AR" 116+80 To 125+80	6552.0
"AR" 133+80 To 143+30	6840.0
"AR" 155+00 To 165+00	7200.0
"AR" 165+00 To 177+80	8496.0
"AL" 47+03 To 97+70	36338.4
"AL" 97+70 To 98+65	684.0
"AL" 110+80 To 116+50	590.0
"AL" 116+60 To 127+30	7632.0
"AL" 135+66 To 145+00	6724.8
"AL" 157+00 To 165+85	885.0
"AL" 165+85 To 177+60	8460.0
TOTAL	131 730.2

SHOULDER BACKING

LOCATION	Length	Imported Material (Shoulder Backing)
Station	Station	m ³
"AL" 25+60 To 41+00 (Median Shld)	15.4	144.8
"AL" 41+00 To 46+70 (Median Shld At TBB)	5.7	215.5
"AL" 30+30 To 31+00 (Lt Shld)	0.7	6.6
"AL" 32+10 To 33+45 (Lt Shld)	1.4	12.7
"AL" 33+80 To 36+00 (Lt Shld)	2.2	21.6
"AL" 37+50 To 42+80 (Lt Shld)	5.3	49.8
"AL" 45+20 To 46+70 (Lt Shld)	1.5	14.7
"AL" 98+20 To 110+80 (Median Shld At TBB)	12.6	476.3
"AL" 98+20 To 108+00 (Lt Shld)	9.8	92.1
"AL" 108+40 To 110+80 (Lt Shld)	2.4	22.6
"AL" 127+30 To 135+66 (Median Shld At TBB)	8.4	316.0
"AL" 127+30 To 131+81 (Lt Shld)	4.5	42.4
"AL" 145+00 To 147+00 (Median Shld At TBB)	2.0	75.6
"R-36" 6+97 To 10+50 (Rt Shld At TBB)	3.5	133.4
"AL" 177+60 To 188+40 (Median Shld At TBB)	10.8	408.2
"R-48" 8+40 To 9+00 (Rt Shld At TBB)	0.6	22.7
"AL" 191+10 To 193+15 (Median Shld)	2.1	19.7
"R-51" 3+15 To 5+20 (Rt Shld)	2.1	19.7
"R-46" 10+54 To 11+30 (Lt Shld)	0.8	7.1
"AL" 181+30 To 182+80 (Lt Shld)	1.5	14.1
"AL" 188+40 To 191+20 (Lt Shld)	2.8	26.3
"AL" 192+19 To 192+50 (Lt Shld)	0.3	2.9
"AL" 196+50 To 206+60 (Lt Shld)	10.1	94.9
"AL" 207+20 To 207+40 (Lt Shld)	0.2	1.9
"AL" 25+30 To 41+00 (Median Shld)	15.7	147.6
"AR" 41+00 To 46+60 (Median Shld At TBB)	5.6	211.7
"AR" 31+35 To 32+60 (Rt Shld)	1.3	11.8
"AR" 34+33 To 34+55 (Rt Shld)	0.2	2.1
"AR" 45+10 To 46+20 (Rt Shld)	1.1	10.3
"AR" 98+40 To 110+80 (Median Shld At TBB)	12.4	468.7
"AR" 98+40 To 110+80 (Rt Shld)	12.4	116.5
"AR" 125+80 To 133+80 (Median Shld At TBB)	8.0	302.4
"AR" 129+70 To 131+70 (Rt Shld)	2.0	18.8
"AR" 143+30 To 150+60 (Median Shld At TBB)	7.3	275.9
"AR" 177+80 To 188+20 (Median Shld At TBB)	10.4	393.1
"AR" 183+10 To 184+40 (Rt Shld)	1.3	12.2
"AR" 192+00 To 192+20 (Rt Shld)	0.2	1.9
"AR" 195+50 To 197+00 (Rt Shld)	1.5	14.1
"AR" 201+40 To 202+40 (Rt Shld)	1.0	9.4
"AR" 203+90 To 205+10 (Rt Shld)	1.2	11.3
"AR" 205+70 To 208+80 (Rt Shld)	3.1	29.1
Total	191.4	4278.5

REMOVE ASPHALT CONCRETE

LOCATION	REMARKS	VOLUME
NORTHBOUND		m ³
"AR" 98+00 To 98+60	SHLD	67.5
"AR" 110+80 To 116+70	SHLD	575.3
"AR" 155+00 To 165+00	SHLD	975.0
SOUTHBOUND		
"AL" 97+70 To 98+65	SHLD	106.9
"AL" 110+80 To 116+70	SHLD	663.8
"AL" 157+00 To 165+85	SHLD	862.9
TOTAL		3251.4



AS BUILT
(NO CORRECTIONS ON THIS SHEET)
CONTRACT No. 05-448314
C.C.A. DATE 04-14-04
R.E. NAME H.J.Bommer

DIST COUNTY ROUTE KILOMETER POST
05 SB 101 1.6/20.5

SHEET NO TOTAL SHEETS
305 394

Robert S. Miller 4-05-01
REGISTERED PROFESSIONAL ENGINEER
R.S.Miller No. 54392
Exp. 12-31-03
CIVIL STATE OF CALIFORNIA
Caltrans now has a web site! To get to the web site, go to: <http://www.dot.ca.gov>

CRACK EXISTING CONCRETE PAVEMENT

PLAN SHEET NO	STATION	AREA
L-2	"AR" 25+87 To 27+40	1675.4
L-38	"AR" 153+25 To 155+10	1350.5
L-45/L-47	"AR" 177+78 To 185+75	5818.1
L-45/L-47	"AL" 177+70 To 185+79	5905.7
L-49/L-52	"AR" 192+05 To 201+00	6533.5
L-54/L-55	"AR" 208+98 To 211+85	2095.2
	TOTAL	23 378.4

REMOVE ASPHALT CONCRETE SURFACING

LOCATION	AREA
"AR" NORTHBOUND	m ²
"AR" 98+00 TO 98+60	432.0
"AR" 110+80 TO 116+70	4248.0
"AR" 155+00 TO 165+00	7200.0
"AR" 46+80 TO 46+84 Carpinteria Cr Br	29.2
"AR" 97+86 TO 97+97 Arroyo Parida Cr Br	80.3
"AR" 116+71 TO 116+81 Toro Canyon Br	73.0
"AR" 205+59 TO 205+65 Sycamore Cr Br	29.2
"AR" Total	12091.7
"AL" SOUTHBOUND	m ²
"AL" 97+70 TO 98+65	684.0
"AL" 110+80 TO 116+70	4248.0
"AL" 143+50 TO 157+00	9720.0
"AL" 157+00 TO 165+85	6372.0
"AL" 46+91 TO 46+95 Carpinteria Cr Br	29.2
"AL" 205+25 TO 205+30 Sycamore Cr Br	36.5
"AL" Total	21 089.7
TOTAL	33 181.4

SUMMARY OF QUANTITIES Q-1

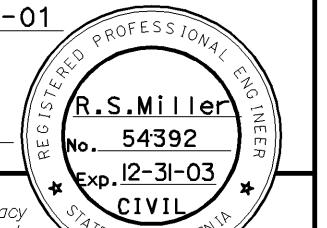
Location	MBGR (Wood Post)	Reconstruct MBGR	Remove MBGR	Terminal System				Terminal Anchor Assembly (Type SFT)	Remove CAA (N)	Buried Post Anchor (N)	Connect Guard Railing To Structure (N)	Typical Layout (N) (N2)	Layout Sheet No
				(Type SRT)	(Type ET)	(Type CAT)	(Type CAT) Backup						
				m	EA	EA	EA						
METAL BEAM GUARD RAILING													
"AL" 33+44.4 To 33+82.8		19.05	3.81	1				1	1		1	1A	L-3/L-4
"AL" 42+84.2 To 45+21.3		228.60	11.43	1				1	1		1	1B	L-6/L-7
"AL" 56+68.1 To 56+91.1		11.57		1				1			1	1A	L-10/L-11
"AL" 60+86.1 To 61+16.6	3.81	15.24		1				1			1	1A	L-12
"AL" 68+26.5 To 69+17.9	45.72	30.48			1			1	1		1	1A	L-14
"AL" 83+74.2 To 86+75.9	293.37	11.43	1			1		1	2		1	1B	L-18/L-19
"AL" 92+92.1 To 94+51.5	114.30	30.48			1			1	1		1	1A	L-21
"AL" 98+24.0 To 98+62.2	11.43	15.24		1				1	1		1	1A	L-22
"AL" 107+98.0 To 108+21.2		15.24			1			1	2		1	1B	L-25
"AL" 115+69.5 To 116+52.9	49.53	34.29						1	1		1	1A	L-27
"AL" 116+63.1 To 118+41.6	80.01	99.06			1			1			1	2A	L-27/L-28
"AL" 149+26.2 To 157+70.5	76.20	765.81						1	2		1	1A	L-37/L-39
"AL" 157+79.3 To 159+20.3	99.06	26.67			1			2			1	1A	L-39/L-40
"AL" 162+68.2 To 162+80.0		15.24						1	1		1	1A	L-41
"AL" 162+88.7 To 163+07.1		7.62	3.81		1			1			1	1A	L-41
"AL" 168+63.6 To 168+99.4	3.81	15.24						1	1		1	2A	L-42/L-43
"AL" I91+55.2 To I92+48.5 RT	60.96	15.24					1	1		1	1A	L-49	
"AL" I91+71.1 To I92+61.8 LT	15.24	15.24			1			1			1	1A	L-49
"AL" I99+00.8 To I99+27.5 LT	11.43				1			1			1	1A	L-51
"AL" 205+15.6 To 205+51.9 LT	15.24	7.62		1				1			1	1B	L-53
"AL" 207+43.0 To 209+16.4 LT (N3)	163.83				1			1			1	1A	L-53/L-54
Subtotal ("AL")	750.57	1661.30	30.48	7	9	1	1	10	23	1	17		
NORTHBOUND													
"AR" 33+29.5 To 33+60.1		15.24	11.43	1				1	1		1	1A	L-3/L-4
"AR" 40+93.8 To 41+20.1		15.24		1				1	2		1	1B	L-6
"AR" 46+24.2 To 46+55.0		19.05	11.43	1				1			1	1A	L-8
"AR" 49+63.2 To 49+82.2	3.81	15.24						1	1		1	2A	L-8
"AR" 60+38.0 To 60+58.8		7.62	7.62		1			1			1	1A	L-12
"AR" 65+86.2 To 66+24.2	3.81	15.24		1				1			1	1A	L-13
"AR" 90+26.0 To 92+39.4	171.45	30.48		1				1			1	1A	L-20
"AR" 97+28.4 To 97+74.7	3.81	30.48		1				1			1	1A	L-22
"AR" 116+48.4 To 117+45.0	11.43	68.58			1			1	2		1	1B	L-27
"AR" 138+39.1 To 140+49.0		186.69	49.53		1			1			1	1A	L-33/L-34
"AR" 140+92.8 To 142+71.8		179.07						1	1		1	1A	L-34/L-35
"AR" 151+44.6 To 152+27.7		72.39	11.43	1				1			1	1A	L-37
"AR" 152+63.2 To 153+08.9	30.48	15.24						1	1		1	1A	L-38
"AR" 157+18.3 To 157+68.2	15.24	15.24		1				1			1	1A	L-39
"AR" 160+24.7 To 161+28.2		87.63	11.43	1				1			1	1A	L-40
"AR" 161+35.0 To 162+95.1		160.02						1			2	1A	L-40/L-41
"AR" 168+26.5 To 168+68.0	26.67	15.24						1	1		1	2A	L-42
"AR" I75+89.1 To I76+29.5 RT	3.81	15.24						1	1		1	2A	L-45
"AR" I76+66.3 To I76+85.4 RT	3.81	15.24						1	1		1	2A	L-45
"AR" I89+15.8 To I90+64.7 LT	121.92	15.24		1				1			1	1A	L-48/L-49
"AR" I90+10.0 To I90+56.0 RT	19.05	15.24		1				1			1	1A	L-49
"AR" I91+29.7 To I92+05.3 RT	60.96	15.24						1	1		1	1A	L-49
"AR" I91+40.0 To I93+25.0 LT			185.00					1			1	1A	L-49
"AR" I99+11.6 To I99+38.3 RT	11.43				1			1			1	1A	L-51
"AR" 21+06.3 To 21+46.1 RT		125.54			1			1			1	1A	L-54/L-55
Subtotal ("AR")	487.68	1150.43	287.87	11	5	0	0	7	24	4	24		
Subtotal (Sht. Q-2)	1238.25	2811.73	318.35	18	14	1	1	17	47	5	41		

(N) Not A Separate Pay Item, For Information Only.
(N2) See Standard Plan.
(N3) Use 2.1 m posts

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
05	SB	101	1.6/20.5	306	394

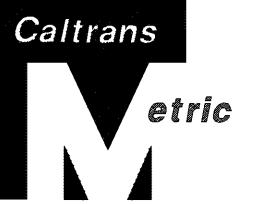
Robert S. Miller 4-5-01
REGISTERED PROFESSIONAL CIVIL ENGINEER
R.S.Miller No. 54392
6-25-01 PLANS APPROVAL DATE
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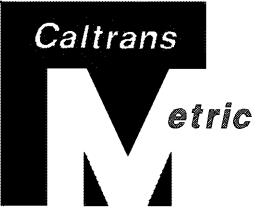
AS BUILT (NO CORRECTIONS ON THIS SHEET)
CONTRACT No. 05-448314
C.C.A. DATE 041404
R.E. NAME H.J.Bloemer

<p>STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION</p> <p>Caltrans PROJECT DEVELOPMENT</p> <p>R. S. Miller</p>	<p style="text-align: center;">METAL BEAM GUARD RAILING</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th rowspan="3">Location</th> <th rowspan="3">MBGR (Wood Post)</th> <th rowspan="3">Reconstruct MBGR</th> <th rowspan="3">Remove MBGR</th> <th colspan="4">Terminal System</th> <th rowspan="3">Terminal Anchor Assembly (Type SFT)</th> <th rowspan="3">Remove CAA (N)</th> <th rowspan="3">Buried Post Anchor (N)</th> <th rowspan="3">Connect Guard Railing To Structure (N)</th> <th rowspan="3">Typical Layout (N) (N2)</th> <th rowspan="3">Layout Sheet No</th> </tr> <tr> <th>(Type SRT)</th> <th>(Type ET)</th> <th>(Type CAT)</th> <th>(Type CAT) Backup</th> </tr> <tr> <th>m</th> <th>m</th> <th>EA</th> <th>EA</th> </tr> </thead> <tbody> <tr> <td colspan="13">SOUTHBOUND</td> </tr> <tr> <td>"R-11" 1+03.8 To 1+34.1 L+</td> <td>19.05</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1B</td> <td>L-3</td> </tr> <tr> <td>"R-14" 7+03.0 To 7+53.0 L+</td> <td>38.57</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1A</td> <td>L-8</td> </tr> <tr> <td>"R-20" 6+20.7 To 6+51.1 L+</td> <td>3.81</td> <td>15.24</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>1</td> <td>1A</td> <td>L-13</td> </tr> <tr> <td>"R-23" 5+60.0 To 6+25.0 L+</td> <td>65.00</td> <td></td> <td></td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1B</td> <td>L-16</td> </tr> <tr> <td>"R-24" 11+50.0 To 11+76.7 L+</td> <td>15.24</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1B</td> <td>L-17</td> </tr> <tr> <td>"R-40" 11+30.1 To 11+56.9</td> <td>11.43</td> <td>15.24</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td>2A</td> <td>L-40</td> </tr> <tr> <td>"R-52" 5+31.6 To 5+63.4 R+</td> <td>19.05</td> <td>19.05</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td>1</td> <td></td> <td>1A</td> <td>L-50</td> </tr> <tr> <td>Subtotal (SB)</td> <td>68.58</td> <td>153.10</td> <td>-</td> <td>6</td> <td>-</td> <td>1</td> <td>1</td> <td>2</td> <td>3</td> <td>1</td> <td>3</td> <td></td> <td></td> </tr> <tr> <td colspan="13">NORTHBOUND</td> </tr> <tr> <td>"R-17" 6+35.8 To 6+64.9 R+</td> <td>3.81</td> <td>11.43</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>1</td> <td>1A</td> <td>L-10</td> </tr> <tr> <td>"R-21" 7+92.5 To 8+22.8 R+</td> <td>15.24</td> <td>15.24</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>1</td> <td>1A</td> <td>L-14</td> </tr> <tr> <td>"R-38" 4+80.0 To 6+00 R+</td> <td>102.87</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1B</td> <td>L-38/L-39</td> </tr> <tr> <td>"R-47" 4+48.9 To 4+75.6 R+</td> <td>15.24</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td>1</td> <td>1A</td> <td>L-47</td> </tr> <tr> <td>"R-54" 5+08.3 To 5+54.8 R+</td> <td>45.72</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1A</td> <td>L-52/L-53</td> </tr> <tr> <td>Subtotal (NB)</td> <td>121.92</td> <td>72.39</td> <td>15.24</td> <td>3</td> <td>2</td> <td>-</td> <td>-</td> <td>2</td> <td>2</td> <td>-</td> <td>4</td> <td></td> <td></td> </tr> <tr> <td>Subtotal (Sht. Q-3)</td> <td>190.50</td> <td>225.49</td> <td>15.24</td> <td>9</td> <td>2</td> <td>1</td> <td>1</td> <td>4</td> <td>5</td> <td>1</td> <td>7</td> <td></td> <td></td> </tr> <tr> <td>Subtotal (Sht. Q-2)</td> <td>1238.25</td> <td>2811.73</td> <td>318.35</td> <td>18</td> <td>14</td> <td>1</td> <td>1</td> <td>17</td> <td>47</td> <td>5</td> <td>41</td> <td></td> <td></td> </tr> <tr> <td>T O T A L</td> <td>1428.75</td> <td>3037.22</td> <td>333.59</td> <td>27</td> <td>16</td> <td>2</td> <td>2</td> <td>21</td> <td>52</td> <td>6</td> <td>48</td> <td></td> <td></td> </tr> </tbody> </table>	Location	MBGR (Wood Post)	Reconstruct MBGR	Remove MBGR	Terminal System				Terminal Anchor Assembly (Type SFT)	Remove CAA (N)	Buried Post Anchor (N)	Connect Guard Railing To Structure (N)	Typical Layout (N) (N2)	Layout Sheet No	(Type SRT)	(Type ET)	(Type CAT)	(Type CAT) Backup	m	m	EA	EA	SOUTHBOUND													"R-11" 1+03.8 To 1+34.1 L+	19.05			1				1				1B	L-3	"R-14" 7+03.0 To 7+53.0 L+	38.57			1								1A	L-8	"R-20" 6+20.7 To 6+51.1 L+	3.81	15.24		1					1		1	1A	L-13	"R-23" 5+60.0 To 6+25.0 L+	65.00			2								1B	L-16	"R-24" 11+50.0 To 11+76.7 L+	15.24			1				1				1B	L-17	"R-40" 11+30.1 To 11+56.9	11.43	15.24							1	1	1	2A	L-40	"R-52" 5+31.6 To 5+63.4 R+	19.05	19.05					1	1		1		1A	L-50	Subtotal (SB)	68.58	153.10	-	6	-	1	1	2	3	1	3			NORTHBOUND													"R-17" 6+35.8 To 6+64.9 R+	3.81	11.43		1					1		1	1A	L-10	"R-21" 7+92.5 To 8+22.8 R+	15.24	15.24		1					1		1	1A	L-14	"R-38" 4+80.0 To 6+00 R+	102.87			1				1				1B	L-38/L-39	"R-47" 4+48.9 To 4+75.6 R+	15.24			1				1			1	1A	L-47	"R-54" 5+08.3 To 5+54.8 R+	45.72			1							1	1A	L-52/L-53	Subtotal (NB)	121.92	72.39	15.24	3	2	-	-	2	2	-	4			Subtotal (Sht. Q-3)	190.50	225.49	15.24	9	2	1	1	4	5	1	7			Subtotal (Sht. Q-2)	1238.25	2811.73	318.35	18	14	1	1	17	47	5	41			T O T A L	1428.75	3037.22	333.59	27	16	2	2	21	52	6	48			<p style="text-align: center;">AS BUILT (NO CORRECTIONS ON THIS SHEET) CONTRACT No. 05-448314 C.C.A. DATE 04-14-04 R.E. NAME H.J.Bommer</p> <p style="text-align: center;">6-25-01 PLANS APPROVAL DATE</p> <p>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.</p> <p>Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov</p>
Location	MBGR (Wood Post)					Reconstruct MBGR	Remove MBGR	Terminal System								Terminal Anchor Assembly (Type SFT)	Remove CAA (N)	Buried Post Anchor (N)	Connect Guard Railing To Structure (N)	Typical Layout (N) (N2)	Layout Sheet No																																																																																																																																																																																																																																																																											
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"R-14" 7+03.0 To 7+53.0 L+	38.57			1								1A	L-8																																																																																																																																																																																																																																																																																			
"R-20" 6+20.7 To 6+51.1 L+	3.81	15.24		1					1		1	1A	L-13																																																																																																																																																																																																																																																																																			
"R-23" 5+60.0 To 6+25.0 L+	65.00			2								1B	L-16																																																																																																																																																																																																																																																																																			
"R-24" 11+50.0 To 11+76.7 L+	15.24			1				1				1B	L-17																																																																																																																																																																																																																																																																																			
"R-40" 11+30.1 To 11+56.9	11.43	15.24							1	1	1	2A	L-40																																																																																																																																																																																																																																																																																			
"R-52" 5+31.6 To 5+63.4 R+	19.05	19.05					1	1		1		1A	L-50																																																																																																																																																																																																																																																																																			
Subtotal (SB)	68.58	153.10	-	6	-	1	1	2	3	1	3																																																																																																																																																																																																																																																																																					
NORTHBOUND																																																																																																																																																																																																																																																																																																
"R-17" 6+35.8 To 6+64.9 R+	3.81	11.43		1					1		1	1A	L-10																																																																																																																																																																																																																																																																																			
"R-21" 7+92.5 To 8+22.8 R+	15.24	15.24		1					1		1	1A	L-14																																																																																																																																																																																																																																																																																			
"R-38" 4+80.0 To 6+00 R+	102.87			1				1				1B	L-38/L-39																																																																																																																																																																																																																																																																																			
"R-47" 4+48.9 To 4+75.6 R+	15.24			1				1			1	1A	L-47																																																																																																																																																																																																																																																																																			
"R-54" 5+08.3 To 5+54.8 R+	45.72			1							1	1A	L-52/L-53																																																																																																																																																																																																																																																																																			
Subtotal (NB)	121.92	72.39	15.24	3	2	-	-	2	2	-	4																																																																																																																																																																																																																																																																																					
Subtotal (Sht. Q-3)	190.50	225.49	15.24	9	2	1	1	4	5	1	7																																																																																																																																																																																																																																																																																					
Subtotal (Sht. Q-2)	1238.25	2811.73	318.35	18	14	1	1	17	47	5	41																																																																																																																																																																																																																																																																																					
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SUMMARY OF QUANTITIES
Q-3

- Notes:
1. Reconstruct STBB Requires Replacement Of Existing Wood Posts.
 2. Wood Posts for Single Thrie Beam Barrier, Double Thrie Beam Barrier, And Reconstruct Single Thrie Beam Barrier Shall Be 200 mm X 200 mm X 2.04 m.



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
05	SB	101	1.6/20.5	308	394

Robert B. Miller 4-5-01
REGISTERED CIVIL ENGINEER
R.S.Miller No. 54392
Exp. 12-31-03
CIVIL STATE OF CALIFORNIA

6-25-01 PLANS APPROVAL DATE

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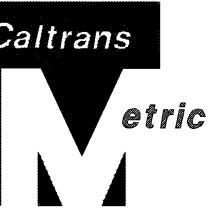
AS BUILT (NO CORRECTIONS ON THIS SHEET)					
CONTRACT No. 05-448314					
C.C.A. DATE 04-14-04					
R.E. NAME H.J.Bommer					

Legend
S-Single
D-Double

MEDIAN BARRIER

Location (Station)	STBB (Wood Post)	Reconstruct STBB (Wood Post)	Remove MBB	Remove DMBB	DTBB (Wood Post)	Crash Cushion (Sand Filled)	Modify Concrete Barrier	Remove Concrete Barrier (Type 50 Modified)	Concrete Barrier (Type 50 Modified)	Layout Sheet
SOUTHBOUND										
"AL" 40+98.3 To 46+66.0		567.70				1				L- 6/L- 8
"AL" 98+65.0 To 110+80.0		1215.00								L-22/L-26
"AL" 127+30.0 To 135+66.0		836.00								L-30/L-32
"AL" 145+00.0 To 150+50.3		550.30								L-35/L-37
"AL" 154+12.5 To 157+03.3	290.80	290.80								L-38/L-39
"AL" 160+62.3 To 163+67.8	305.50	305.50								L-40/L-41
"AL" 165+99.1 To 168+53.0	253.90	253.90								L-42
"AL" 177+60.0 To 188+80.7		1120.70								L-45/L-48
"AL" 195+50.0 To 199+26.0						376.00				L-50/L-51
"AL" 199+03.0 To 199+10.0							7.00	7.00		L-51
"AL" 199+26.0 To 201+81.0		255.00								L-51/L-52
"AL" 201+81.0 To 212+02.0						1021.00				L-52/L-55
"AL" 209+00.0 To 209+07.0							7.00	7.00		L-54
SB TOTAL	850.20	4544.70	850.20	-	-	1	1397.00	14.00	14.00	
NORTHBOUND										
"AR" 41+03.0 To 46+56.3		553.30								L- 6/L- 8
"AR" 98+06.6 To 110+80.0		1273.40								L-22/L-26
"AR" 125+80.0 To 133+80.0		800.00								L-30/L-32
"AR" 143+30.0 To 152+27.0		897.00								L-35/L-37
"AR" 152+63.2 To 157+17.7	454.50	454.50								L-38/L-39
"AR" 157+17.7 To 160+74.6			356.90	356.90						L-39/L-40
"AR" 160+74.6 To 163+77.5	302.90	302.90								L-40/L-41
"AR" 163+77.5 To 166+05.6			228.10	228.10						L-41/L-42
"AR" 166+05.6 To 168+65.0	259.40	259.40								L-42
"AR" 177+80.0 To 188+87.0		1107.00								L-45/L-48
"AR" 191+40.0 To 193+25.0	185.00									L-49
"AR" 193+25.0 To 195+68.0		243.00								L-49/L-50
"AR" 195+68.0 To 199+55.0						387.00				L-50/L-51
"AR" 199+32.0 To 199+39.0							7.00	7.00		L-51
"AR" 199+55.0 To 202+10.0		255.00								L-51/L-52
"AR" 202+10.0 To 212+35.0						1025.00				L-52/L-55
"AR" 205+85.0 To 205+92.0							7.00	7.00		L-53
"AR" 210+70.0 To 210+77.0							7.00	7.00		L-54
NB TOTAL	1201.80	5128.70	1016.80	585.00	585.00	-	1412.00	21.00	21.00	
T O T A L	2052.00	9673.40	1867.00	585.00	585.00	1	2809.00	35.00	35.00	

SUMMARY OF QUANTITIES Q-4



AS BUILT
(NO CORRECTIONS ON THIS SHEET)
CONTRACT No. 05-448314
C.C.A. DATE 04-14-04
R.E. NAME H.J.Bloemmer

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
05	SB	101	1.6/20.5	309	394
<i>Robert S. Miller</i> 4-5-01 REGISTERED PROFESSIONAL ENGR. R.S.Miller No. 54392 Exp. 12-31-03 CIVIL STATE OF CALIFORNIA Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov					

6-25-01
PLANS APPROVAL DATE

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PAVING SUMMARY

LOCATION	AC (Type B)	ASPHALTIC EMULSION (PAINT BINDER)	PAVEMENT REINFORC- ING FABRIC	PAVING ASPHALT (BINDER- PRF)	REMARKS	LOCATION	AC (Type B)	ASPHALTIC EMULSION (PAINT BINDER)	PAVEMENT REINFORC- ING FABRIC	PAVING ASPHALT (BINDER- PRF)	REMARKS	
STATION To STATION												
"AR" Northbound												
"AR" 25+30 To 26+80	532.8	2.44	2430.0	2.92	Full Width							
"AR" 26+80 To 28+15	483.9	1.92	1917.0	2.30	Full Width							
"AR" 28+15 To 29+87	508.0	2.02	2012.4	2.41	Full Width							
"AR" 29+87 To 46+58	4245.2	18.54	18 548.1	22.26	Full Width							
"AR" 46+90 To 97+80	2147.7	9.93			Shoulders							
"AR" 98+00 To 98+60	59.1	0.23			Shoulders							
"AR" 98+60 To 100+50	480.6	2.62	2622.0	3.15	Full Width							
"AR" 100+50 To 110+80	2886.2	11.44	11 433.0	13.72	Full Width							
"AR" 110+80 To 116+70	580.9	0.23			Shoulders							
"AR" 116+70 To 125+80	384.0	1.77			Shoulders							
"AR" 125+80 To 131+79	1769.2	7.00	7008.3	8.41	Full Width							
"AR" 131+79 To 133+80	563.2	2.38	2231.1	2.68	Full Width							
"AR" 133+80 To 143+30	400.8	1.85			Shoulders							
"AR" 143+30 To 147+60	1204.9	4.78	4773.0	5.73	Full Width							
"AR" 147+60 To 149+54	641.6	2.53	2347.4	2.82	Full Width							
"AR" 149+54 To 155+00	1368.8	6.06	6060.6	7.27	Full Width							
"AR" 155+00 To 165+00	1088.5	4.31			Shoulders							
"AR" 165+00 To 176+80	624.4	2.80			Shoulders							
"AR" 177+05 To 183+57	1918.0	7.88	7889.2	9.47	Full Width							
"AR" 183+57 To 186+40	793.0	3.14	3141.3	3.77	Full Width							
"AR" 186+40 To 187+90	443.0	1.76	1755.0	2.11	Full Width							
"AR" 187+90 To 190+64	770.2	3.38	3370.2	4.04	Full Width							
"AR" 191+31 To 197+00	1678.7	6.97	6828.0	8.19	Full Width							
"AR" 197+00 To 199+56	814.3	3.22	3225.6	3.87	Full Width							
"AR" 199+56 To 212+42	3640.9	15.44	15 432.0	18.52	Full Width							
"AL" Southbound												
"AL" 25+60 To 30+78	1920.1	7.92	7925.4	9.51	Full Width							
"AL" 30+78 To 37+80	1691.1	7.80	7792.2	9.35	Full Width							
"AL" 37+80 To 46+69.3	2546.0	10.40	10 404.8	12.49	Full Width							
"AL" 47+03 To 97+50	2129.5	9.84			Shoulders							
"AL" 97+70 To 98+65	93.5	0.37			Shoulders							
"AL" 98+65 To 110+80	3508.0	14.22	14 215.5	17.06	Full Width							
"AL" 110+80 To 116+70	580.9	2.30			Shoulders							
"AL" 116+70 To 127+30	447.3	2.07			Shoulders							
"AL" 127+30 To 135+66	2469.2	9.78	9781.2	11.74	Full Width							
"AL" 135+66 To 145+00	394.1	1.82			Shoulders							
"AL" 145+00 To 148+05	1031.1	4.08	3568.5	4.28	Full Width							
"AL" 148+05 To 151+65	1008.8	4.00	3996.0	4.80	Full Width							
"AL" 151+65 To 157+00	1580.2	6.26	6259.5	7.51	Full Width							
"AL" 157+00 To 165+85	885.2	3.51			Shoulders							
"AL" 165+85 To 177+60	598.0	2.17			Shoulders							
"AL" 177+60 To 191+19.4	3685.3	15.20	15 089.3	18.11	Full Width							
"AL" 191+63.5 To 195+30	1001.9	4.28	4288.1	5.15	Full Width							
"AL" 195+30 To 203+70	2671.8	10.58	10 584.0	12.70	Full Width							
"AL" 203+70 To 211+97	2331.0	9.92	9924.0	11.91	Full Width							
AC Dike	1860.2											
Place AC (Misc Area)	198.0				Drainage Systems							
Place AC (Misc Area)	1187.0				Ditches And Drains							
SUBTOTAL	63 846.1	251.16	206 852.7	248.25								
TOTAL					SUBTOTAL	18 610.8	80.03					
						82 456.9	331.19	206 852.7	248.25			

SUMMARY OF QUANTITIES Q-5

x

x

x--

x

x

REMOVE CONCRETE CURB

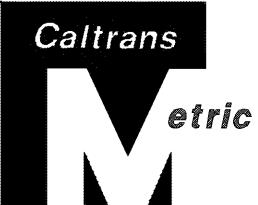
(TABLE 1)

Location (Station)	Type B-2 Curb	Type E Curb	Plan Sheet
	m	m	
"AR" NORTHBOUND			
"R-9" 10+05.9 To 12+04.6 Rt		199.0	L-3
"R-9" 11+35.0 To 12+04.6 Lt	74.0		L-3
"R-10" 5+50.4 To 7+70.0 Rt		220.0	L-4/L-5
"R-10" 5+50.4 To 6+23.0 Lt	73.0		L-4
"R-16" 4+15.0 To 4+40.0 Lt	50.0		L-9/L-10
"R-16" 4+80.0 Rt To "AR" 56+15.6 Rt		132.0	L-10
"R-17" 6+07.4 To 7+83.0 Rt		176.0	L-10/L-11
"AL" 69+09.0 To "R-21" 9+14.6 Lt	49.0		L-14
"R-21" 8+44.4 To 9+14.6 Rt		70.0	L-14
"AR" 70+45 To "R-22" 10+30.92 Lt	70.0		L-14/L-15
"R-22" 10+18.3 To 12+00.0 Rt		181.0	L-14/L-15
"R-25" 8+44.0 To 9+64.6 Rt		121.0	L-19/L-20
"R-25" 9+43.3 To 9+64.6 Lt	38.0		L-20
"R-26" 5+45.4 To 7+32.7 Rt		187.0	L-20/L-21
"R-26" 5+45.4 To "AL" 95+75.3 Lt	63.0		L-21
"R-29" 8+61.8 To 9+74.6 Rt		113.0	L-28/L-29
"R-29" 9+69.0 To 9+74.6 Lt	6.0		L-28/L-29
"R-31" 4+55.4 To 5+91.4 Rt		136.0	L-29
"R-31" 4+55.4 To 5+10.0 Lt	63.0		L-29
"R-33" 6+82.7 To 8+14.6 Rt		132.0	L-33
"R-35" 2+69.0 To 3+40.1 Rt		71.0	L-35
"R-35" 2+95.0 To 3+30.0 Lt	72.0		L/35
"R-37" 9+85.2 To 112+74.6 Rt		189.0	L-37
"R-37" 10+74.9 To 11+41.5 Lt	67.0		L-37
"R-38" 3+28.4 To 4+93.6 Rt		165.0	L-38
"R-38" 3+28.4 To 3+98.0 Lt	70.0		L-38
"R-41" 6+28.2 To 7+19.6 Rt		91.0	L-42
"R-41" 6+82.0 To 7+19.6 Lt	56.0		L-42
"R-42" 9+85.4 To 10+90.4 Rt		105.0	L-43
"R-42" 9+85.4 To 10+52.0 Lt	67.0		L-43
"R-45" 4+22.9 To 5+14.6 Rt		92.0	L-44
"R-45" 4+82.0 To 5+14.6 Lt	43.0		L-44
"R-47" 4+42.7 To 5+74.1 Rt		132.0	L-47
"R-47" 4+96.0 To 5+74.1 Lt	94.0		L-47
"R-49" 18+40.1 To 19+34.6 Rt		95.0	L-48
"R-49" 18+50.1 To 19+34.6 Lt	85.0		L-48/L-49
"R-50" 2+15.4 To 3+24.5 Rt		109.0	L-49
"R-50" 2+15.4 To 2+96.0 Lt	123.0		L-49
"R-53" 10+48.5 To 11+94.6 Rt		146.0	L-51/L-52
"R-53" 11+05.2 To 11+94.6 Lt	108.0		L-52
"R-54" 2+33.6 To 3+39.4 Rt		106.0	L-52
"R-54" 2+38.1 To 2+68.2 Lt	74.0		L-52
"R-56" 9+02.8 To 10+38.6 Rt		136.0	L-54
"R-56" 9+72.0 To 10+38.6 Lt	84.0		L-54
SUBTOTAL	1429.0	3104.0	
TOTAL		7533.0	

REMOVE CONCRETE CURB

(TABLE 2)

Location (Station)	Type B-2 Curb	Type E Curb	Plan Sheet
	m	m	
"AL" SOUTHBOUND			
"R-11" 0+70.0 To 2+44.6 Lt		175.0	L-3
"R-11" 2+10.0 To 2+44.6 Rt	35.0		L-3
"R-12" 5+43.4 To 6+10.6 Rt		69.0	L-4
"R-12" 5+43.4 To 7+40.0 Lt	197.0		L-4/L-5
"R-14" 8+43.0 To 8+70.0 Rt	32.0		L-8
"R-15" 11+50.0 To 11+58.0 Rt	16.0		L-9
"R-18" 7+96.0 To 8+91.4 Lt		96.0	L-11
"R-19" 3+68.1 To 4+64.6 Lt		97.0	L-13
"AL" 64+78.2 Lt To "R-19" 4+64.6 Rt	67.0		L-13
"R-20" 5+05.4 To 6+09.0 Lt		104.0	L-13
"R-27" 5+00.0 To 6+18.1 Lt		120.0	L-21
"R-28" 8+42.6 To 10+39.6 Lt		197.0	L-28
"R-30" 4+05.1 To 5+01.4 Lt		96.0	L-29
"R-36" 9+88.0 To 11.01.0 Lt		130.0	L-37
"R-39" 2+51.4 To 3+32.0 Lt		81.0	L-38
"R-39" 2+51.4 To 2+70.7 Rt	19.0		L-38
"R-40" 11+86.1 To 12+70.0 Lt		84.0	L-41
"R-43" 9+75.4 To 10+63.1 Lt		88.0	L-43
"R-43" 9+75.4 To 10+10.0 Rt	47.0		L-43
"R-44" 3+41.4 To 4+34.6 Lt		93.0	L-44
"R-44" 3+53.0 To 4+20.0 Rt	135.0		L-44
"R-46" 9+28.6 To 10+54.0 Lt		125.0	L-46
"R-46" 9+70.0 To 10+05.0 Rt	53.0		L-46
"R-48" 8+40.0 To 9+07.0 Lt		119.0	L-48
"R-48" 8+32.1 To 9+07.1 Rt	76.0		L-48
"R-51" 3+11.4 To 4+00.3 Lt		89.0	L-49/L-50
"R-51" 3+11.4 To 5+30.0 Rt	219.0		L-49/L-50
"R-52" 5+55.0 To 6+63.0 Lt		108.0	L-50
"R-55" 5+91.6 To 7+86.3 Lt		196.0	L-53/L-54
"R-55" 6+90.0 To 7+20.0 Rt	37.0		L-53
SUBTOTAL	933.0	2067.0	



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
05	SB	101	1.6/20.5	310	394
Robert B. Miller 4-5-01 REGISTERED PROFESSIONAL CIVIL ENGINEER R.S. Miller No. 54392 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. * Exp. 12-31-03 CIVIL STATE OF CALIFORNIA					
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AS BUILT (NO CORRECTIONS ON THIS SHEET) CONTRACT NO. 05-448314 C.C.A. DATE 04-14-04 R.E. NAME H.J. Blommer					
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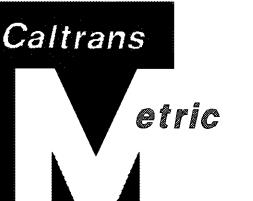
EARTHWORK QUANTITIES		REMARKS	ROADWAY EXC	ROADWAY EMBANKMENT (N)	ROADWAY EXC (ADL)	DISPOSAL (ADL)	IMPORTED BORROW	CI 2 AB	DITCH EXC
LOCATION	STATION								
				m ³	TONNE			m ³	
"AL"	64+61.7 To 65+10.0 Lt	Widen Shld	29.0					29.0	
"AL"	150+48.0 To 153+10.0 Rt	Widen Shld		24.6	78.6	170.1	24.6	78.6	
"AL"	154+56.0 To 168+55.0 Rt	Widen Shld		131.5	601.1	1300.7	131.5	419.7	
"AL"	189+08.0 To 191+15.6 Rt	Widen Shld	62.3					62.3	
"AL"	195+30.0 To 195+40.0 Rt	Widen Shld	1.8					1.8	
"AR"	64+25.0 To 64+45.0 Rt	Widen Fill		30.0			30.0		
"AR"	152+63.2 To 168+34.0 Lt	Widen Shld		147.7	681.3	1474.2	147.7	471.2	
"AR"	188+79.0 To 190+64.4 Lt	Widen Shld	55.0					55.6	
"AR"	193+65.0 To 195+68.0 Lt	Widen Shld	44.6					44.6	
"R-9"	10+05.9 To 12+00.0	Note 3	110.1					798.5	
"R-10"	5+55.0 To 7+70.0 Rt	Note 3	386.3					877.2	
"R-11"	0+70.0 To 2+40.0	Note 3	188.9					696.7	
"R-12"	5+48.0 To 7+40.0	Note 3	319.2					788.7	
"R-13"	7+30.0 To 8+30.0 Rt	Note 3	39.1					408.0	
"R-14"									
"R-15"									
"R-16"	4+80.0 To "AR"56+12.0 Rt	Note 3	72.5					538.6	
"R-17A"									
"R-17"	6+12.0 To 7+83.0 Rt	Note 3	525.4					697.7	
"R-18"	7+96.0 To 8+91.4 Lt	Note 3	121.0					389.2	
"R-19"	3+20.0 To 5+08.4 Lt	Note 3	455.1					768.7	
"R-20"	4+58.0 To 6+09.0 Lt	Note 3	191.6					616.1	
"R-21"	8+44.4 To 9+83.0 Rt	Note 3	105.7					565.5	
"R-22"	10+20.0 To 12+05.0 Rt	Note 3	174.4					754.8	
"R-23"	4+82.0 To 7+32.9 Lt	Note 3	102.1					1023.7	
"R-24"									
"R-25"	8+44.0 To 9+60.0 Rt	Note 3	224.8					473.3	
"R-26"	5+50.0 To 7+32.7 Rt	Note 3	507.4					745.4	
"R-27"	5+00.0 To 6+17.7 Lt	Note 3	322.9					480.2	
"R-28"	8+42.6 To 10+35.0 Lt	Note 3	555.9					785.0	
"R-29"	8+61.8 To 9+70.0 Rt	Note 3	208.1					441.5	
"R-30"	4+05.1 To 5+06.0 Lt	Note 3	383.8					411.7	
"R-31"	4+60.0 To 5+91.4 Rt	Note 3	381.2					536.1	
"R-32"									
"R-33"	6+83.0 To 8+10.0 Rt	Note 3	238.3					518.2	
"R-34"									
"R-35"	2+69.0 To 3+50.0 Rt	Note 3	31.5					330.5	
"R-36"									
"R-37"	9+85.2 To 11+70.0	Note 3	137.2					858.0	
"R-38"	3+33.0 To 4+93.6 Rt	Note 3	283.5					655.2	
"R-39"	2+56.0 To 3+09.8 Lt	Note 3	81.1					219.5	
"R-40"	9+29.0 To 12+72.0 Lt	Note 3	88.6					415.0	
"R-41"	6+20.0 To 7+15.0 Rt	Note 3	261.4					387.6	
"R-42"	9+90.0 To 10+95.4 Rt	Note 3	67.3					430.0	
"R-43"	9+80.0 To 11+36.0 Lt	Note 3	186.8					636.5	
"R-44"	2+30.0 To 4+30.0 Lt	Note 3	202.0					816.0	
"R-45"	4+20.0 To 5+10.0 Rt	Note 3	155.1					367.2	
"R-46"	9+23.0 To 10+54.0 Lt	Note 3	241.7					534.5	
"R-47"	4+42.0 To 5+69.4 Rt	Note 3	103.2					519.8	
"R-48"									
"R-49"	18+80.0 To 19+30.0	Note 3	215.7					214.2	
"R-50"	2+20.0 To 3+24.5 Rt	Note 3	122.3					426.4	
"R-51"	3+16.0 To 3+70.0	Note 3	158.2					33.0	
"R-52"	5+55.0 To 6+50.0 Lt	Note 3	17.4					387.6	
"R-53"	10+43.0 To 11+90.0	Note 3	362.8					701.8	
"R-54"	2+33.6 To 5+60.0 Rt	Note 3	288.1					1331.7	
"R-55"	5+91.8 To 7+88.8 Lt	Note 3	246.2					803.8	
"R-56"	8+80.0 To 10+34.0 Rt	Note 3	108.8					628.3	
Drainage Systems (Note 1)								73.0	13.0
TOTAL		9165.4	333.8	1361.0	2945.0	333.8	25	247.2	13.0

(N) Not A Separate Pay Item. For Information Only.

Notes:

1. See Drainage Details For Locations.
2. For Exact Locations Of CI 2 AB, See Sheet X-7, X-8.
3. Reconstruct Shoulder

ABBREVIATIONS:
(ADL) Aerially Deposited Lead



DIST COUNTY ROUTE KILOMETER POST
05 SB 101 1.6/20.5

SHEET No TOTAL SHEETS
311 394

Robert B. Miller 4-5-01
REGISTERED PROFESSIONAL CIVIL ENGINEER
No. 54392
Exp. 12-31-03
CIVIL
STATE OF CALIFORNIA

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(NO CORRECTIONS ON THIS SHEET)
CONTRACT No. 05-448314
C.C.A. DATE 04-14-04
R.E. NAME H.J.Bommer

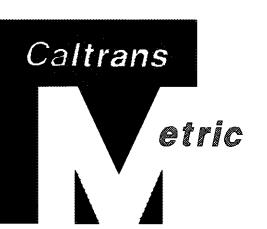
SUMMARY OF QUANTITIES
Q-7

AC DIKE

PLAN SHEET NO	STATION	REMOVE AC DIKE	PLACE AC DIKE								
			(TYPE A)		(TYPE C)		(TYPE D)		(TYPE E)		
			m	m	1TONNE	m	1TONNE	m	1TONNE	m	1TONNE
L-1,2,3	"AR" 25+60 to "R-9" 10+05.9 Rt	446	446.0	35.4							
L-3	"AR" 31+50 to 32+60 Rt	125									
L-3	"AR" 32+60 to 33+21.6 Rt							61.6	4.0		
L-3	"AR" 33+21.6 to 33+30.0 Rt				8.4	0.4					
L-3	"R-9" 10+05.9 to 12+00 Rt							194.1	12.6		
L-3,4	"AR" 33+30 to 33+60 Rt									30.0	1.4
L-4	"AR" 33+60 to 34+33, Rt							73.0	4.7		
L-4,5,6,7	"R-10" 5+55.0 to "AR" 45+00, Rt	390			36.0	0.3		909.0	59.0		
L-4	"AR" 34+55 to 35+55, Rt		100.0	7.9							
L-8	"R-13" 7+30 to 8+30, Rt		100.0	7.9							
L-9,10	"R-16" 3+05 to 4+80, Rt	175									
L-10	"R-16" 4+80 to "AR" 56+12		132.0	10.5							
L-10	"R-17" 6+15.0 to 6+27.9, Rt							12.9	1.0		
L-10	"R-17" 6+27.9 to 6+47.2, Rt				19.3	0.4					
L-10	"R-17" 6+47.2 to 6+64, Rt									16.8	1.0
L-10,11	"R-17" 6+75.1 to 7+10, Rt		36.1	2.9							
L-13,14	"AR" 66+35 to "R-21" 8+20, Rt	117									
L-14	"R-21" 8+44.0 to 9+83.0 Rt							139.0	9.0		
L-14,15	"R-22" 10+20 to 12+80, Rt							260.0	16.9		
L-19,20	"R-25" 8+44 to 9+60 Rt							116.0	7.5		
L-21	"R-26" 5+50 to 7+32.7 Rt							182.7	11.9		
L-26	"AR" 110+80 to 116+30.6 Rt							550.6	36.8		
L-27	"AR" 116+30.6 to 116+48 Rt				17.4	0.4					
L-27	"AR" 116+48 to 116+70 Rt									22.0	1.6
L-27,28	"AR" 117+45 to "R-29" 9+70, Rt							222.0	16.0		
L-29	"AR" 124+32 to 124+58, Rt	26	26.0	2.1							
L-29,30,31	"R-31" 4+60 to "AR" 129+70, Rt	379	510.0	40.5							
L-31,32	"AR" 131+70 to 133+80, Rt	207	210.0	16.7							
L-33	"R-33" 6+83 to 7+40 Rt		57.0	4.5							
L-33	"R-33" 7+40 to 8+10 Rt							70.0	4.5		
L-35	"R-35" 2+65 to 4+90 Rt							225.0	14.5		
L-35,36	"R-35" 3+50 to AR 148+62, Rt	512									
SHEET TOTAL		2377	1617.1	128.4	81.1	1.5		3015.9	198.4	68.8	4.0

* Station Equation

¹TONNE: See Sheet Q-5 For AC (Type B) Quantity Total.



DIST	COUNTY	ROUTE	KILOMETER POST	SHEET NO	TOTAL SHEETS
05	SB	101	1.6/20.5	312	394

Robert B. Miller 4-5-01
REGISTERED PROFESSIONAL CIVIL ENGINEER
R.S. Miller No. 54392
Exp. 12-31-03
CIVIL STATE OF CALIFORNIA

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CONTRACT No. 05-448314
C.C.A. DATE 04-14-04
R.E. NAME H.J. Blommer

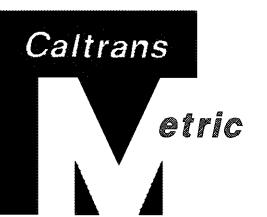
SUMMARY OF QUANTITIES
Q-8

AC DIKE

PLAN SHEET NO	STATION	REMOVE AC DIKE	PLACE AC DIKE									
			(TYPE A)		(TYPE C)		(TYPE D)		(TYPE E)			
			m	m	1TONNE	m	1TONNE	m	1TONNE	m	1TONNE	
L-35,36,37	"R-35" 4+90 to "R-37" 9+80, Rt		489.2	38.8								
L-37	"R-37" 9+85.2 to 11+36 Rt							150.8	9.8			
L-37	"AR" 150+60 to 152+27, Lt	147								167.0	6.4	
L-38	"AR" 152+72 to 154+40, Lt									168.0	6.5	
L-38	"R-38" 3+33 to 4+80, Rt							147.0	9.5			
L-38	"R-38" 4+80 to "R-38" 6+00, Rt									120.0	4.6	
L-39	"AR" 156+00 to 157+18.3, Rt		118.3	9.4		19.3	0.4					
L-39	"AR" 157+18.3 to 157+37.6, Rt										30.4	1.2
L-39	"AR" 157+37.6 to 157+68, Rt											
L-39,40	"AR" 157+76.4 to 160+16.8, Rt		240.4	19.1		19.3	0.4					
L-40	"AR" 160+16.8 to 160+36.1, Rt										89.9	3.5
L-40	"AR" 160+36.1 to 161+26, Rt										158.0	6.1
L-40,41	"AR" 161+36 to 162+94, Rt											
L-41,42	"AR" 163+04 TO 164+75.2 Rt		171.0	15.2								
L-42	"AR" 165+60 to "R-41" 7+15, Rt							155.0	10.1			
L-43	"R-42" 9+90 to 10+95.4 Rt							105.4	6.8			
L-45	"R-45" 4+20 to 5+10 Rt							90.0	5.8			
L-45,46,47	"AR" 177+80 to 183+10, Rt	630	530.0	42.1								
L-47	"R-47" 4+41 to 4+60.3, Rt				19.3	0.4						
L-47	"R-47" 4+60.3 to 4+76, Rt									15.7	0.6	
L-47	"R-47" 4+76 to 5+69.443 Rt							93.4	6.1			
L-47,48,49	"AR" 185+40 to 190+06, Rt	480	480.0	38.1								
L-48	"AR" 188+79 to 189+15 Lt				36.0	0.9					149.4	5.7
L-48,49	"AR" 189+15 to 190+64.4 Lt	137										
L-49,50	"AR" 191+40 to 195+68, Lt	428										
L-49,50	"AR" 191+40 to 193+95, Lt									255.2	9.8	
L-49,50	"R-50" 2+20 to "AR" 195+45, Rt	220	325.0	25.8								
L-51	"AR" 197+00 to 199+05, Rt	205	205.0	16.0								
L-51	"AR" 199+05 to 199+20, Rt	15			15.0	0.3					20.1	0.8
L-51,52	"AR" 199+20 to 199+40, Rt	20									250.0	16.2
L-51,52	"AR" 199+40 to "R-53" 11+90 Rt											
L-51,52	"R-53" 9+60 to 10+20, Rt	60										
L-52	"R-54" 2+33.6 to 3+85, Rt							151.4	9.8			
L-54	"R-56" 8+80 to 10+34, Rt							154.0	10.0			
L-54,55	"AR" 210+09 to 211+40, Rt	140									105.0	7.7
L-54	"AR" 209+85 to 210+90, Rt											
L-54	"AR" 210+90 to 211+05, Rt				15.0	0.3						
SHEET TOTAL		2482	2558.9	165.7	123.9	2.7		1402.0	91.8	1173.7	45.2	

* Station Equation

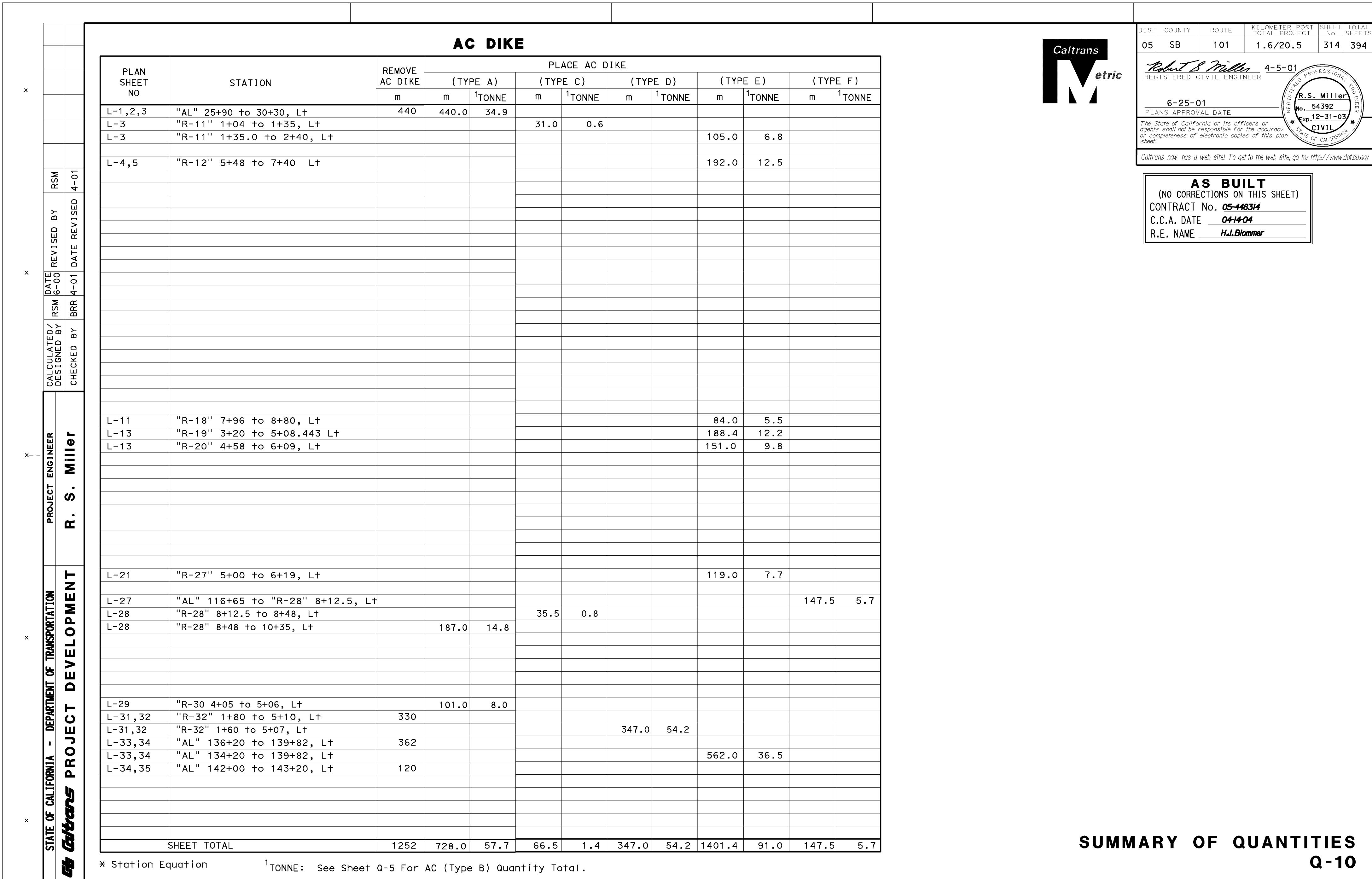
1TONNE: See Sheet Q-5 For AC (Type B) Quantity Total.

SUMMARY OF QUANTITIES
Q-9

DIST COUNTY ROUTE KILOMETER POST
05 SB 101 1.6/20.5 SHEET No TOTAL SHEETS
313 394

Robert B. Miller 4-5-01
REGISTERED PROFESSIONAL ENGR.
No. 54392
Exp. 12-31-03
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R.E. NAME H.J. Blommer



AC DIKE

Caltrans
Metric

COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
SB	101	1.6/20.5	314	394

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6-25-01
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R.E. NAME H.J.Bloemmer

TRY OF QUANTITIES

Q-10

AC DIKE										
PLAN SHEET NO	STATION	REMOVE AC DIKE	PLACE AC DIKE							
			(TYPE A)		(TYPE C)		(TYPE D)		(TYPE E)	
			m	m	1TONNE	m	1TONNE	m	1TONNE	m
L-34,35	"AL" 142+00 to 143+21, Lt							121.0	7.9	
L-34,35	"R-34" 1+30 to 4+10, Lt	280								
L-34,35	"R-34" 3+78 to 5+00, Lt						122.0	8.0		
L-35,36,37	"AL" 145+00 to 149+25, Lt		426.3	33.8						
L-36 - 39	"AL" 147+80 to 156+40, Lt	860								
L-37,38,39	"AL" 149+25 to 157+65, Lt						838.2	32.2		
L-38	"R-39" 2+56.0 to 4+10, Rt		154.0	12.2						
L-39,40	"AL" 157+80 to 158+80, Lt						99.8	3.8		
L-42,43	"R-43" 9+80.0 to 10+70, Lt		90.0	7.1						
L-43	"R-43" 10+70 to 11+10, Lt					40.0	2.6			
L-44	"R-44" 3+60 to 4+30, Lt					70.0	4.5			
L-45,46	"AL" 177+00 to 179+75, Lt	275								
L-45,46	"AL" 177+60 to 178+80, Lt				120.0	18.8				
L-46	"AL" 178+80 to 179+75, Lt					95.0	6.2			
L-46,47,48	"AL" 182+25 to 188+40, Lt	615								
L-46	"R-46" 9+23 to 10+54, Lt					131.0	8.5			
L-47,48	"AL" 182+80 to 188+40, Lt					560.0	36.3			
L-49,50	"AL" 192+10 to 195+30, Lt	320								
L-49,50	"AL" 192+50 to 195+07, Lt		254.8	20.2						
L-50	"AL" 195+07 to 195+32, Lt					25.0	1.6			
L-50	"R-52" 5+55 to 6+30, Lt		75.0	5.9						
L-50	"R-52" 6+30 to 6+50, Lt					20.0	1.3			
L-53,54	"R-55" 5+91.8 to 7+88.8, Lt					197.0	12.8			
L-54,55	"AL" 208+50 to 211+85, Lt	335								
L-54,55	"AL" 209+30 to 211+85, Lt					254.2	16.5			
SHEET TOTAL		2685	1000.1	79.2		120.0	18.8	1635.2	106.2	938.0
PROJECT TOTAL		8796	5904.1	431.0	271.5	5.6	467.0	73.0	7454.5	487.4
* Station Equation ¹ TONNE: See Sheet Q-5 For AC (Type B) Quantity Total.										



DIST	COUNTY	ROUTE	KILOMETER POST	SHEET NO	TOTAL SHEETS
05	SB	101	1.6/20.5	315	394

Robert B. Miller 4-5-01
REGISTERED PROFESSIONAL ENGINEER
R.S. Miller No. 54392
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R.E. NAME H.J. Blommer

MODIFY DOWNDRAIN

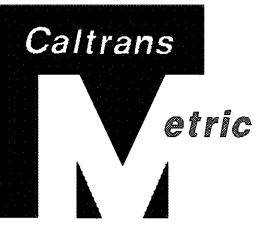
PLAN SHEET NO	STATION	EA
L-20	"AL" 90+92.40	1
L-20	"AR" 91+14.70	1
L-21	"AR" 93+65.88	1
L-21	"AL" 93+80.31	1
L-21	"AL" 94+64.21	1
L-33	"AL" 138+12.21	1
L-35	"AL" 142+46.11	1
L-37	"AR" 149+28.15	1
L-42	"AL" 167+49.73	1
L-42	"AR" 167+66.93	1
L-54	"AL" 210+27.14	1
L-34	"R-34" 2+36.77	1
L-35	"R-34" 3+10.34	1
L-50	"AR" 195+45.00	1
TOTAL		14

SUMMARY OF QUANTITIES

Q-11

LOCATION	LANE NO.	LENGTH	WIDTH (Min)	REPLACE AC SURFACING		REMARKS
				(TYPE B)	(N)	
				m	m ³	
FROM	TO					
NORTHBOUND						
26+48	27+45	2	97	3.6	21.0	50.4
31+15	31+31	2	16	2.1	3.5	8.4
32+27	32+91	1,2	64	4.2	28.2	67.9
33+24	33+56	2	32	3.6	6.9	16.6
43+86	44+02	2	16	1.05	1.8	4.2
98+26	99+39	2	113	3.6	24.4	58.7
144+45	144+77	1	32	1.05	3.5	8.4
144+45	144+93	2	48	3.6	10.4	24.9
145+90	145+95	2	5	1.05	0.6	1.3
148+95	149+00	2	5	1.05	0.6	1.3
149+44	150+56	2	112	2.1	24.7	59.4
152+17	152+22	1	5	1.05	0.6	1.3
152+66	152+88	1,2	22	7.2	9.5	22.8
153+78	153+83	2	5	3.6	1.1	4.5
154+59	154+91	2	32	3.6	6.9	16.6
177+76	178+40	1,2	64	7.2	27.6	66.5
179+53	179+58	2	5	1.05	0.6	1.3
181+30	181+78	2	48	3.6	10.4	24.9
212+36	212+52	1,2	16	7.2	6.9	16.6
SOUTHBOUND						
25+35	25+84	1,2	49	7.2	21.2	50.9
27+29	27+35	2	6	3.6	1.3	3.1
	TOTAL			211.7	510.0	

Notes:
1. Exact Location As Directed By The Engineer.



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
05	SB	101	1.6/20.5	316	394
<i>Robert S. Miller</i> 4-5-01 REGISTERED CIVIL ENGINEER					
6-25-01 PLANS APPROVAL DATE					
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* Exp. 12-31-03 *					
CIVIL STATE OF CALIFORNIA					
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REPLACE CONCRETE PAVEMENT

LOCATION	WIDTH	LENGTH	NUMBER OF SLABS (N)	VOLUME
STATION (Note 1)	m	m	Ea	m ³
NORTHBOUND				
"AR" 46+90 To 97+80	3.7	4.2	48	152.6
"AR" 98+00 To 98+60	3.7	4.2	5	15.9
"AR" 110+80 To 125+80	3.7	4.2	20	63.7
"AR" 133+80 To 143+30	3.7	4.2	10	31.8
"AR" 152+60	3.7	4.2	4	12.7
"AR" 155+00 To 165+00	3.7	4.2	40	127.4
"AR" 165+00 To 176+80	3.7	4.2	95	302.7
"AR" 191+30	3.7	4.2	4	12.7
"AR" 212+36	3.7	4.2	4	12.7
SOUTHBOUND				
"AL" 46+66 To 97+50	3.7	4.2	40	127.4
"AL" 97+50 To 98+60	3.7	4.2	4	12.7
"AL" 110+80 To 116+70	3.7	4.2	45	143.4
"AL" 116+70 To 127+30	3.7	4.2	4	12.7
"AL" 157+00 To 165+85	3.7	4.2	50	159.3
"AL" 168+24	3.7	4.2	1	3.2
"AL" 168+60	3.7	4.2	1	3.2
"AL" 170+00 To 176+80	3.7	4.2	22	70.1
			TOTAL	1264.2

(N) Not A Separate Pay Item, For Information Only.

AS BUILT
(NO CORRECTIONS ON THIS SHEET)
CONTRACT No. 05-448314
C.C.A. DATE 04-14-04
R.E. NAME H.J.Bommer

(N) Not A Separate Pay Item, For Information Only.

SUMMARY OF QUANTITIES
Q-12

PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)

PLAN SHEET NO	STATION	m ²	AC TONNE	REMARKS
L-3	"R-11" 1+14 Lt			AC Overside Drain L=4.0
L-5	"R-12" 7+38 Lt			AC Overside Drain L=15.0
L-5	"R-12" 7+40 To "AL" 38+56 Lt	118.0	30.0	AC Ditch
L-6	"AR" 40+84 Rt			AC Overside Drain L=8.0
L-7	"AR" 45+03 Rt			AC Overside Drain L=7.0
L-8/L-9	"AL" 49+85 To 51+51 Lt	169.0	43.0	AC Ditch
L-9/L-11	"R-15" 12+60 To "AL" 57+97 Lt	545.0	138.0	AC Ditch
L-13	"R-19" 4+85 Lt	2.0	0.5	AC Overside Drain L=3.0
L-14	"R-21" 7+94 Rt	2.0	0.5	AC Overside Drain L=16.0
L-17	"AL" 79+20 Lt	2.0	0.5	AC Overside Drain L=6.0
L-21	"R-27" 6+19 Lt	2.0	0.5	Modify AC Overside Drain L=6.5
L-27	"R-28" 7+45 Lt	2.0	0.5	Modify AC Overside Drain L=6.0
L-33	"AL" 136+89 Lt	2.0	0.5	AC Overside Drain L=9.0
L-34	"R-34" 1+24 Lt	2.0	0.5	Modify AC Overside Drain
L-35	"AL" 142+47 Lt	2.0	0.5	Modify DD
L-35	"AR" 142+78 Rt	2.0	0.5	Modify AC Overside Drain L=10.0
L-35	"R-34" 3+11 Lt	2.0	0.5	Modify DD L=4.0
L-37	"R-37" 9+80 Rt	2.0	0.5	Modify AC Overside Drain L=6.0
L-39	"AR" 156+90 Rt	2.0	0.5	AC Overside Drain L=13.0
L-39	"AR" 157+61 Rt	2.0	0.5	AC Overside Drain L=5.0
L-40	"R-40" 11+56 Lt	2.0	0.5	AC Overside Drain L=8.0
L-42/L-43	"AL" 166+34 To 169+84 Lt	355.0	90.0	AC Ditch
L-44/L-45	"AL" 174+27 To 175+75 Lt	151.0	38.0	AC Ditch
L-45/L-46	"AL" 175+87 To 178+80 Lt	298.0	75.0	AC Ditch
L-50	"AL" 193+79 To 195+04 Lt	127.0	32.0	AC Ditch
L-9/L-10	"AR" 50+40 To 54+17 Rt	382.0	97.0	AC Ditch
L-29	"AR" 124+31 To 124+91 Rt	61.0	16.0	AC Ditch
L-31/L-32	"AR" 131+96 To 133+03 Rt	109.0	28.0	AC Ditch
L-36/L-37	"AR" 147+20 To "R-37" 9+82 Rt	266.0	68.0	AC Ditch
L-42/L-43	"AR" 166+99 To 169+90 Rt	296.0	75.0	AC Ditch
L-44/L-45	"AR" 175+09 To 176+30 Rt	123.0	31.0	AC Ditch
L-45/L-47	"AR" 176+39 To 183+28 Rt	699.0	177.0	AC Ditch
L-48/L-49	"AR" 187+85 To 190+06	225.0	57.0	AC Ditch
L-50	"R-50" 4+55 To "AR" 195+45	92.0	24.0	AC Ditch
L-20	"R-25" 9+58.3 To 12+41.0 Lt	287.0	63.0	AC Gutter
L-21	"R-26" 2+86.6 To 5+50.0 Lt	268.0	58.0	AC Gutter
L-27/L-28	"R-28" 7+51.0 To 8+65.0 Lt	116.0	25.0	AC Ditch
L-2	"AL" 27+61.0 Lt	2.0	0.5	Overside Drain, L=1.3
L-14	"R-21" 9+75.0 Rt	2.0	0.5	Overside Drain L=2.0
L-19	"R-25" 8+42.5 CL	2.0	0.5	Overside Drain L=2.1
L-19	"AL" 88+26.0 Lt	2.0	0.5	Mod Overside Drain, L=5.0
L-20	"AL" 90+93.0 Lt	2.0	0.5	Mod Downdrain
L-20	"AR" 91+15.0 Rt	2.0	0.5	Mod Downdrain
L-21	"AR" 93+66.0 Rt	2.0	0.5	Mod Downdrain
L-21	"AL" 93+80.0 Lt	2.0	0.5	Mod Downdrain
L-21	"AL" 94+64.0 Lt	2.0	0.5	Mod Downdrain
L-32	"AR" 135+64.0 Rt	2.0	0.5	Mod Downdrain
L-33	"AL" 138+12.0 Lt	2.0	0.5	Mod Downdrain
L-34	"R-34" 2+37.0 Lt	2.0	0.5	Mod Downdrain
L-35	"AL" 142+46.0 Lt	2.0	0.5	AC Apron
L-35	"R-34" 3+13.0 Lt	2.0	0.5	Mod Downdrain
L-37	"AR" 149+28.5 Rt	2.0	0.5	AC Apron
L-37	"R-37" 12+20 Rt	2.0	0.5	Overside Drain L=2.1
L-42	"AL" 167+50.0 Lt	2.0	0.5	AC Apron
L-42	"AR" 167+67.0 Rt	2.0	0.5	AC Apron
L-42	"AR" 168+44.0 Rt	2.0	0.5	AC Apron
L-43	"AL" 169+65.0 Lt	2.0	0.5	AC Apron
L-44	"AL" 174+28.0 Lt	2.0	0.5	AC Apron
L-45	"AR" 177+88.0 Rt	2.0	0.5	AC Apron
L-45	"AR" 178+64.0 Rt	2.0	0.5	AC Apron
L-46	"AR" 179+53.5 Rt	2.0	0.5	AC Apron
L-46	"AR" 181+70.0 Rt	2.0	0.5	AC Apron
L-47	"AL" 183+29.5 Lt	2.0	0.5	AC Apron
L-47	"AL" 185+92.0 Lt	2.0	0.5	AC Apron
L-50	"AL" 193+84.5 Lt	2.0	0.5	AC Apron
L-50	"AR" 195+45.0 Rt	2.0	0.5	Mod Overside Drain
L-54	"AL" 210+17.0 Lt	2.0	0.5	Mod Downdrain
Various		670.0	198.0	Drainage Systems
	TOTAL	5445.0	(Note 1)	

(Note 1) See Sheet Q-5 For AC (Type B) Quantity Total.

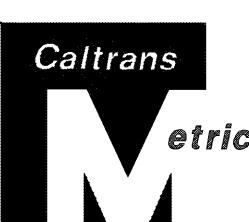
FOR REDUCED PLANS ORIGINAL
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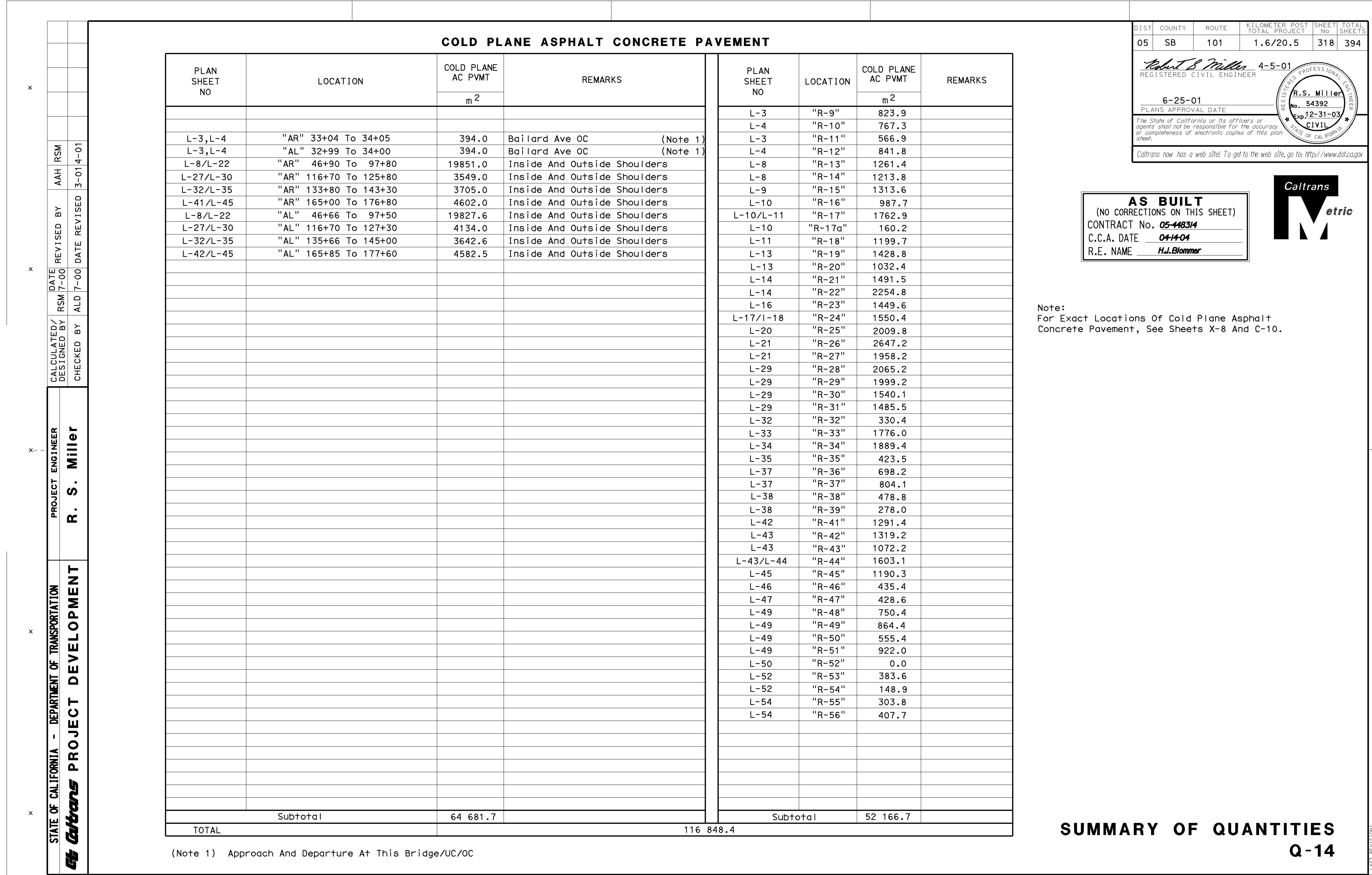
CU 05234

EA 448311



DIST	COUNTY	ROUTE	KILOMETER POST	SHEET NO	TOTAL SHEETS
05	SB	101	1.6/20.5	317	394
Robert B. Miller 4-5-01					
REGISTERED PROFESSIONAL ENGINEER R.S. Miller No. 54392 Exp. 12-31-03 CIVIL STATE OF CALIFORNIA					
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AS BUILT
(NO CORRECTIONS ON THIS SHEET)
CONTRACT No. 05-448314
C.C.A. DATE 04/14/04
R.E. NAME H.J.Bloemer



SUMMARY OF QUANTITIES

Q-14

(Note 1) Approach And Departure At This Bridge/UC/0

(N) Not A separate Pay Item, For Information Only.

SLOPE PAVING

PLAN SHEET NO	LOCATION	LENGTH	WIDTH	CONC CURB (N)	MINOR CONCRETE (CURB)	MINOR CONCRETE (Textured Paving)
					m	m
L-3	"R-11" 1+85 To 2+10	25.0	4.4 - 7.0	49.9	7.0	142.5
L-4	"R-10" 5+55 To 6+10	55.0	1.7 - 3.4	112.0	15.9	139.5
L-8	"R-14" 8+50 To 8+70	20.0	1.2 - 3.6	40.0	5.6	48.0
L-10	"R-16" 4+15 To 4+40	24.6	0.8 - 3.1	49.2	6.9	48.0
L-10	"R-17" 6+15 To 6+26	13.0	0.0 - 4.7	25.9	3.6	30.6
L-29	"R-31" 4+60 To 4+86	26.8	3.2 - 3.6	53.6	7.5	91.1
L-38	"R-38" 3+55 To 3+85	29.9	2.2 - 4.1	59.8	8.3	94.2
L-41	"R-40" 12+71 To 12+83	10.7	4.6 - 6.9	21.4	3.0	61.5
L-42	"R-41" 7+05 To 7+12	10.3	2.1 - 2.8	20.6	2.9	25.2
L-43	"R-42" 9+90 To 10+15	25.3	2.2 - 4.2	50.5	7.0	81.0
L-43	"R-43" 9+80 To 10+00	21.6	1.8 - 3.2	43.2	6.0	54.0
L-44	"R-44" 4+00 To 4+20	18.6	1.2 - 3.8	37.2	5.2	46.5
L-44	"R-45" 4+95 To 5+10	15.0	1.8 - 3.8	30.0	4.2	42.0
L-49	"R-50" 2+20 To 2+50	30.0	1.6 - 3.3	60.0	8.4	73.5
				Total	91.5	977.6

MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)

LOCATION	CONCRETE CURB TRANSITION		QUANTITY
	TYPE E	TYPE B2	
"R-9" 12+00	1	1	1.32
"R-10" 5+55	1	1	1.32
"R-11" 2+40	1	1	1.32
"R-12" 5+48	1	1	1.32
"R-17" 6+07	1	1	1.32
"R-20" 5+05		1	0.64
"R-21" 9+10		1	0.64
"R-22" 7+45		1	0.64
"R-25" 9+60	1	1	1.32
"R-26" 5+50	1	1	1.32
"R-28" 10+39	1		0.68
"R-29" 9+70	1	1	1.32
"R-31" 4+60	1	1	1.32
"R-33" 8+10		1	0.64
"R-37" 11+36	1	1	1.32
"R-38" 3+33	1	1	1.32
"R-39" 2+56	1	1	1.32
"R-41" 7+15	1		0.68
"R-45" 5+10	1		0.68
"R-47" 5+69	1	1	1.32
"R-49" 19+30	1	1	1.32
"R-51" 3+16	1	1	1.32
"R-53" 11+90	1	1	1.32
"R-56" 10+34	1	1	1.32
Total	20	21	27.04

SUMMARY OF QUANTITIES

Q-15

DIST	COUNTY	ROUTE	KILOMETER POST	SHEET NO	TOTAL SHEETS
05	SB	101	1.6/20.5	319	394

Robert S. Miller 4-5-01
REGISTERED CIVIL ENGINEER
R.S. Miller No. 54392
Exp. 12-31-03
CIVIL STATE OF CALIFORNIA
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AS BUILT
(NO CORRECTIONS ON THIS SHEET)
CONTRACT No. 05-448314
C.C.A. DATE 04-14-04
R.E. NAME H.J.Bommer

80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS	
EDGE DRAIN OUTLET		UNSLOTTED			
STATION	m	OUTLET	VENT		
"AR" 26+00 Rt	5.0		F		
"AL" 26+30 Lt	4.5		C		
"AR" 26+50 Rt	5.0		F		
"AL" 26+80 Lt	5.0		C		
"AR" 27+10 Rt	6.0			1	
"AR" 27+40 Rt	5.5	D		Connect To Exist Inlet	
"AL" 27+40 Lt	4.5		F		
"AL" 27+60 Lt	4.5	D		Connect To Inlet, Drainage System 1	
"AR" 27+70 Rt	7.0			1	
"AL" 28+00 Lt	4.5		C		
"AR" 28+30 Rt	4.5			1	
"AL" 28+60 Lt	4.0		F		
"AR" 28+90 Rt	5.5			1	
"AL" 29+20 Lt	4.5		C		
"AR" 29+52 Rt	5.0			1	
"AL" 29+80 Lt	5.0		C		
"AR" 30+10 Rt	6.0			1	
"AL" 30+40 Lt	5.5	D		Connect To Exist PCC Ditch	
"AR" 30+70 Rt	10.0	E			
"AR" 30+82 Rt	9.0	D		Connect To Inlet, Drainage System 3	
"AL" 31+00 Lt	10.0	D		Connect To Exist PCC Ditch	
"AR" 31+50 Rt	3.9			2 Gore Area, "R-9"	
"AL" 31+60 Lt	15.0	A			
"AR" 32+04 Rt	5.0	D		Connect To PCC Ditch, Drainage System 7	
"AL" 32+20 Lt	3.5			2	
"AR" 32+52 Rt	7.5	D		Connect To Inlet, Drainage System 7	
"AL" 32+80 Lt	10.5	D		Connect To Exist PCC Ditch	
"AR" 33+25 Rt	6.5			1	
"AL" 33+40 Lt	4.0		F		
"AR" 33+84 Rt	7.0			1	
"AL" 34+00 Lt	19.0	D		Connect To Exist PCC Ditch	
"AR" 34+34 Rt	4.0	D		Connect To Inlet, Drainage System 19	
"AL" 34+60 Lt	12.5	D		Connect To Exist PCC Ditch	
"AR" 34+95 Rt	5.0	D		Connect To Inlet, Drainage System 177	
"AL" 35+28 Lt	7.0	D		Connect To Inlet, Drainage System 13	
"AR" 35+54 Rt	1.5	D		Connect To Inlet, Drainage System 20	
"AL" 35+82 Lt	5.0			2 Gore Area, "R-12"	
"AR" 36+08 Rt	3.0			2 Gore Area, "R-10"	
"AL" 36+50 Lt	14.0	D		Connect To Exist PCC Ditch	
"AR" 36+78 Rt	11.0	D		Connect To Exist PCC Ditch	
"AL" 37+10 Lt	9.0	D		Connect To Exist PCC Ditch	
"AR" 37+38 Rt	10.0	D		Connect To Exist PCC Ditch	
"AL" 37+70 Lt	8.5	D		Connect To Exist PCC Ditch	
"AR" 37+98 Rt	8.5	D		Connect To Exist PCC Ditch	
"AL" 38+30 Lt	8.5	D		Connect To Exist PCC Ditch	
"AR" 38+58 Rt	7.5	D		Connect To Exist PCC Ditch	
"AL" 38+90 Lt	8.0	D		Connect To Exist PCC Ditch	
"AR" 39+18 Rt	7.0	D		Connect To Exist PCC Ditch	
"AL" 39+50 Lt	8.0	D		Connect To Exist PCC Ditch	
"AR" 39+78 Rt	6.0	D		Connect To Exist PCC Ditch	
"AL" 40+10 Lt	8.0	D		Connect To Exist PCC Ditch	
"AL" 40+40 Rt	4.0		F		
"AR" 40+40 Rt	7.0	D		Connect To Exist PCC Ditch	
"AL" 40+70 Lt	12.0	D		Connect To Exist PCC Ditch	
"AR" 41+00 Rt	9.0	D		Connect To Exist PCC Ditch	
"AL" 40+95 Rt	4.0	D		Connect To Exist Inlet	
SUBTOTAL	390.4				

EDGE DRAIN

AS BUILT
(NO CORRECTIONS ON THIS SHEET)
CONTRACT No. 05-448314
C.C.A. DATE 04/14/04
R.E. NAME H.J.Bloemer



DIST COUNTY ROUTE KILOMETER POST
05 SB 101 1.6/20.5 320 394

Robert S. Miller 4-5-01
REGISTERED CIVIL ENGINEER
R.S. Miller No. 54392
* Exp. 12-31-03 *
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EDGE DRAIN

LIMITS OF SYSTEM STATION TO STATION	80 mm PLASTIC PIPE
	EGDE DRAIN
	SLOTTED m
"AL" 26+30 To 40+70 Lt	2144
"AL" 40+40 To 46+70 Rt	630
"AL" 46+10 To 46+68 Lt	58
"AL" 47+03 To 60+61 Lt	1358
"AL" 60+83 To 68+08 Lt	725
"AL" 68+27 To 81+90 Lt	1363
"AL" 81+90 To 86+99 Rt	509
"AL" 86+97 To 92+50 Lt	553
"AL" 92+89 To 95+91 Lt	302
"AL" 95+10 To 98+08 Rt	298
"AL" 98+34 To 113+99 Lt	1565
"AL" 113+52 To 116+50 Rt	298
"AL" 116+61 To 118+40 Rt	179
"AL" 118+40 To 123+90 Lt	550
"AL" 123+90 To 129+50 Rt	560
"AL" 129+14 To 133+50 Lt	436
"AL" 132+86 To 136+50 Rt	364
"AL" 136+00 To 140+50 Lt	450
"AL" 142+16 To 143+66 Lt	150
"AL" 143+26 To 147+80 Rt	454
"AL" 147+80 To 157+29 Lt	949
"AL" 157+20 To 161+32 Rt	412
"AL" 161+32 To 162+82 Lt	150
"AL" 162+82 To 165+40 Rt	258
"AL" 165+20 To 177+10 Lt	1190
"AL" 177+05 To 182+02 Rt	497
"AL" 182+02 To 191+19 Lt	917
"AL" 191+70 To 205+15 Lt	1345
"AL" 205+35 To 206+28 Lt	93
"AL" 206+28 To 209+84 Rt	356
"AL" 209+91 To 212+05 Lt	214
SUBTOTAL	19 327

LIMITS OF SYSTEM STATION TO STATION	80 mm PLASTIC PIPE
EGDE DRAIN	
SLOTTED m	
"AR" 26+00 To 46+58 Rt	2058
"AR" 46+92 To 50+70 Rt	378
"AR" 50+10 To 59+50 Lt	940
"AR" 59+00 To 60+62 Rt	162
"AR" 60+84 To 68+19 Rt	735
"AR" 68+40 To 78+17 Rt	977
"AR" 77+58 To 80+31 Lt	273
"AR" 80+47 To 92+42 Rt	1195
"AR" 92+82 To 97+70 Rt	488
"AR" 97+94 To 99+07 Rt	113
"AR" 98+05 To 103+80 Lt	575
"AR" 103+30 To 106+30 Rt	300
"AR" 106+27 To 109+20 Lt	293
"AR" 108+71 To 116+74 Rt	803
"AR" 117+00 To 120+91 Rt	391
"AR" 121+00 To 123+40 Lt	240
"AR" 123+40 To 130+63 Rt	723
"AR" 129+89 To 132+90 Lt	301
"AR" 132+87 To 138+20 Rt	533
"AR" 138+72 To 140+48 Lt	176
"AR" 140+97 To 143+27 Lt	230
"AR" 142+67 To 149+28 Rt	661
"AR" 148+20 To 152+20 Lt	400
"AR" 152+65 To 153+67 Lt	102
"AR" 153+36 To 161+22 Rt	786
"AR" 161+36 To 168+44 Rt	708
"AR" 168+20 To 176+03 Lt	783
"AR" 176+03 To 190+04 Rt	1401
"AR" 190+03 To 190+63 Lt	60
"AR" 191+37 To 197+14 Lt	577
"AR" 197+14 To 210+60 Rt	1346
"AR" 209+88 To 212+34 Lt	246
SUBTOTAL	18 954
TOTAL	38 281

(N) Not A Separate Pay Item, For Information Only.

SUMMARY OF QUANTITIES
Q - 16

EDGE DRAIN				
80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS
UNSLOTTED		TYPE (N)		
STATION	m	OUTLET	VENT	CLEANOUT
"AR" 41+60 Rt	7.0	D		Connect To Exist PCC Ditch
"AL" 41+60 Rt	5.0	C		
"AR" 42+20 Rt	6.0	D		Connect To Exist PCC Ditch
"AL" 42+20 Rt	4.5	C		
"AR" 42+80 Rt	6.5	D		Connect To Exist PCC Ditch
"AL" 42+80 Rt	5.5	C		
"AR" 43+40 Rt	7.0	D		Connect To Exist PCC Ditch
"AL" 43+40 Rt	5.0	C		
"AR" 44+00 Rt	7.5	D		Connect To Exist PCC Ditch
"AL" 44+00 Rt	5.0	C		
"AR" 44+60 Rt	5.5	D		Connect To Exist PCC Ditch
"AL" 44+60 Rt	5.0	C		
"AR" 45+20 Rt	9.5	D		Connect To Exist PCC Ditch
"AL" 45+20 Rt	5.0	C		
"AR" 45+80 Rt	11.0	D		Connect To Exist PCC Ditch
"AL" 45+80 Rt	5.0			
"AL" 46+10 Lt	4.0	C	1	
"AL" 46+40 Rt	5.0		1	
"AR" 46+68 Rt	8.0	C		
"AL" 46+68 Lt	6.5	C		
"AL" 46+70 Rt	4.0	C		
"AR" 46+92 Rt	5.0	F		
"AL" 47+03 Lt	6.5	F		
"AR" 47+40 Rt	7.5		1	"R-13"
"AL" 47+63 Lt	7.5		2	"R-14"
"AR" 48+00 Rt	11.5		1	"R-13"
"AL" 48+36 Lt	8.5	D		Connect To Existing Inlet
"AR" 48+60 Rt	3.5		1	
"AL" 48+97 Lt	4.5		2	
"AR" 49+20 Rt	3.5		1	
"AL" 49+56 Lt	4.0		2	
"AR" 49+90 Rt	3.0	D		Connect To Existing Inlet
"AL" 49+90 Lt	3.0	D		Connect To Existing Inlet
"AR" 50+10 Lt	5.0	C		
"AR" 50+40 Rt	3.5		1	
"AL" 50+52 Lt	5.0		2	
"AR" 50+70 Lt	6.0	D		Connect To Existing Inlet
"AR" 50+70 Rt	3.0	D		Connect To Inlet, Drainage System 22
"AL" 51+10 Lt	4.0		2	
"AR" 51+49 Lt	6.0	D		Connect To Existing Inlet
"AL" 51+74 Lt	6.1	D		Connect To Existing Inlet
"AR" 51+90 Lt	5.0		1	
"AR" 52+45 Lt	5.5	D		Connect To Existing Inlet
"AL" 52+53 Lt	4.0	D		Connect To Inlet, Drainage System 181
"AL" 52+97 Lt	5.0		2	"R-15"
"AR" 53+04 Lt	4.5		1	
"AL" 53+54 Lt	4.5		2	
"AR" 53+65 Lt	4.5	C		
"AR" 54+13 Lt	7.5	D		Connect To Existing Inlet
"AL" 54+16 Lt	2.5	D		Connect To Inlet, Drainage System 24
"AR" 54+73 Lt	4.5	C		
"AL" 54+76 Lt	4.5		2	
"AL" 55+20 Lt	2.5	D		Connect To Inlet, Drainage System 25
"AR" 55+17 Lt	6.5	D		Connect To Existing Inlet
"AL" 55+94 Lt	2.5	D		Connect To Inlet, Drainage System 26
"AR" 56+12 Lt	8.0	D		Connect To Existing Inlet
SUBTOTAL	305.6			

EDGE DRAIN

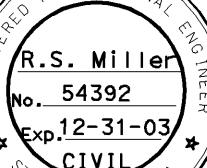
REMARKS

AS BUILT
(NO CORRECTIONS ON THIS SHEET)
CONTRACT No. 05-448314
C.C.A. DATE 04-14-04
R.E. NAME H.J.Bommer



DIST COUNTY ROUTE KILOMETER POST
05 SB 101 1.6/20.5 321 394

Robert B. Miller 4-5-01
REGISTERED CIVIL ENGINEER
R.S. Miller No. 54392
Exp. 12-31-03



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EDGE DRAIN				
80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS
UNSLOTTED		TYPE (N)		
STATION	m	OUTLET	VENT	CLEANOUT
"AL" 56+55 Lt	2.5	D		Connect To Inlet, Drainage System 27
"AR" 56+56 Lt	8.5	D		Connect To Existing Inlet
"AR" 57+18 Lt	5.0			1
"AL" 57+18 Lt	3.0			2
"AL" 57+78 Lt	3.0			2
"AR" 57+89 Lt	7.0	D		Connect To Existing Inlet
"AR" 58+36 Lt	6.0	C		
"AL" 58+36 Lt	9.0	D		Connect To Inlet, Drainage System 36
"AR" 58+96 Lt	6.0	C		
"AL" 58+97 Lt	6.0	C		
"AR" 59+00 Rt	7.5		C	
"AR" 59+50 Lt	4.5	C		
"AL" 59+56 Lt	4.5	C		
"AR" 59+60 Rt	7.0	C		
"AL" 60+17 Lt	9.0	A		
"AR" 60+20 Rt	9.0	A		
"AL" 60+61 Lt	4.0	C		
"AR" 60+62 Rt	5.5	C		
"AL" 60+83 Lt	3.5	F		
"AR" 60+84 Rt	4.0	F		
"AR" 61+44 Rt	4.0		1	
"AL" 61+45 Lt	4.5	C		
"AL" 62+05 Lt	5.5	C		
"AR" 62+08 Rt	10.0	D		Connect To Existing PCC Ditch
"AL" 62+64 Lt	6.5	C		
"AR" 62+71 Rt	9.5	C		
"AL" 63+25 Lt	12.5	A		
"AR" 63+32 Rt	8.5	D		Connect To Existing PCC Ditch
"AL" 63+84 Lt	8.5	C		
"AR" 63+92 Rt	10.0	C		
"AR" 64+42 Rt	9.5	D		Connect To HW, Drainage System 193
"AL" 64+45 Lt	7.5	D		Connect To Inlet, Drainage System 37
"AR" 65+03 Rt	4.0		1	
"AL" 65+05 Lt	3.5		2	
"AR" 65+63 Rt	4.0		1	
"AL" 65+65 Lt	10.5	C		
"AL" 66+04 Lt	4.5	D		Connect To Inlet, Drainage System 39
"AL" 66+04 Lt	4.5	D		Connect To Inlet, Drainage System 39
"AR" 66+15 Rt	20.0	B		
"AR" 66+15 Rt	20.0	B		
"AL" 66+65 Lt	4.5	C		
"AR" 66+73 Rt	20.0	B		
"AR" 66+83 Rt	3.5		1	
SUBTOTAL	310.0			

SUMMARY OF QUANTITIES

Q-17

(N) Not A Separate Pay Item, For Information Only.

EDGE DRAIN				
80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS
EDGE DRAIN OUTLET		UNSLOTTED		
STATION	m	OUTLET	VENT	CLEANOUT
"AL" 67+24 Lt	4.0			1
"AR" 67+44 Rt	4.5			1
"AL" 67+84 Lt	4.0			1
"AL" 68+08 Lt	4.0	F		
"AR" 68+19 Rt	8.5	F		
"AL" 68+27 Lt	3.5	F		
"AR" 68+40 Rt	11.0	F		
"AL" 68+87 Lt	5.0	C		
"AR" 69+12 Rt	5.0		2	
"AL" 69+50 Lt	6.1	C		
"AR" 69+80 Rt	20.0	D		Connect To Inlet, Drainage System 41
"AL" 70+10 Lt	10.0	C		
"AR" 70+35 Rt	5.0		2	
"AL" 70+70 Lt	8.5	A		
"AR" 70+91 Rt	11.0	C		
"AL" 71+29 Lt	8.0	A		
"AR" 71+5 Rt	9.5	C		
"AL" 71+90 Lt	8.0	C		
"AR" 72+02 Rt	5.0	D		Connect To Inlet, Drainage System 43
"AL" 72+50 Lt	7.5	C		
"AL" 73+10Lt	7.0	C		
"AR" 73+20 Rt	6.0		1	
"AL" 73+71 Lt	7.0	C		
"AR" 73+81 Rt	3.5	F		
"AL" 74+48 Lt	10.0	D		Connect To Existing HW
"AR" 74+50 Rt	3.5	D		Connect To Inlet, Drainage System 45
"AL" 75+00 Lt	3.5		2	
"AR" 75+40 Rt	4.0		1	
"AL" 75+60 Lt	3.5		2	
"AL" 76+07 Lt	10.0	D		Connect To Existing HW
"AR" 76+13 Rt	7.5	D		Connect To Inlet, Drainage System 48
"AL" 76+63 Lt	3.5		2	
"AR" 77+00 Rt	4.0		1	
"AL" 77+10 Lt	12.0	C		
"AL" 77+10 Lt	12.0	C		
"AR" 77+58 Lt	6.5	F		
"AR" 77+58 Rt	6.5	D		Connect To Inlet, Drainage System 50
"AL" 77+83 Lt	20.0	A		
"AR" 78+17 Rt	6.0	C		
"AR" 78+19 Lt	4.5		1	
"AL" 78+44 Lt	4.0	C		
"AR" 78+67 Lt	6.0	D		Connect To Exist Inlet
"AR" 78+67 Lt	6.0	D		Connect To Exist Inlet
"AL" 79+05 Lt	3.5	C		
"AR" 79+32 Lt	5.0		1	
"AL" 79+88 Lt	4.5	C		
"AL" 79+88 Lt	4.5	C		
"AR" 79+93 Lt	5.0	C		
"AL" 80+26 Lt	4.5	C		
"AR" 80+31 Lt	4.5	C		
"AR" 80+31 Rt	4.5	C		
"AL" 80+65 Lt	7.5	A		
"AL" 80+65 Lt	7.5	A		
"AR" 81+07 Rt	4.0		2	
"AL" 81+50 Lt	7.0	A		
"AR" 81+64 Rt	7.0	D		Connect To Inlet, Drainage System 55
"AL" 81+90 Lt	7.0	F		
SUBTOTAL	380.6			

Connect To Inlet, Drainage System 55

EDGE DRAIN

AS BUILT
 (NO CORRECTIONS ON THIS SHEET)
 CONTRACT No. 05-448314
 C.C.A. DATE 04-14-04
 R.E. NAME H.J.Bommer



DIST COUNTY ROUTE KILOMETER POST
 05 SB 101 1.6/20.5 322 394

Robert B. Miller 4-5-01
 REGISTERED PROFESSIONAL ENGR.
 R.S. Miller No. 54392
 Exp. 12-31-03
 CIVIL STATE OF CALIFORNIA

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EDGE DRAIN

80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS
EDGE DRAIN OUTLET		UNSLOTTED		
STATION	m	OUTLET	VENT	CLEANOUT
"AL" 81+90 Rt	7.0		F	
"AL" 82+15 Rt	5.0			1
"AR" 82+26 Rt	6.0	C		
"AL" 82+77 Rt	4.5			1
"AR" 82+89 Rt	7.0	C		
"AL" 83+37 Rt	4.5			1
"AR" 83+51 Rt	3.5			2
"AL" 83+75 Rt	5.5	D		Connect To Exist Inlet
"AL" 83+75 Rt	5.5	D		Connect To Exist Inlet
"AR" 84+12 Rt	3.0			2
"AL" 84+36 Rt	5.0			1
"AR" 84+73 Rt	3.5			2
"AL" 84+98 Rt	5.0	C		
"AR" 85+35 Rt	3.5			2
"AL" 85+57 Rt	5.0	C		
"AR" 85+97 Rt	3.5			2
"AL" 86+40 Rt	5.0	C		
"AR" 86+50 Rt	7.0		F	
"AR" 86+50 Rt	7.0		F	
"AR" 86+96 Rt	4.5	D		Connect To Inlet, Drainage System 58
"AL" 86+97 Lt	7.0	D		Connect To Inlet, Drainage System 57
"AL" 86+99 Rt	7.0	D		Connect To Exist Inlet
"AR" 87+50 Rt	4.0	C		
"AR" 87+50 Rt	4.0	C		
"AL" 87+58 Lt	4.0			2
"AR" 88+18 Rt	4.0			2
"AL" 88+19 Lt	3.5			2
"AR" 88+66 Rt	5.0	D		Connect To Inlet, Drainage System 59
"AL" 88+78 Lt	3.5			2
"AL" 89+38 Lt	3.5	C		
"AR" 89+56 Rt	4.0	D		Connect To Existing PCC Ditch
"AL" 89+98 Lt	6.0	A		
"AR" 90+22 Rt	11.0	A		
"AL" 90+58 Lt	7.0	A		
"AR" 90+82 Rt	15.5	A		
"AL" 91+18 Lt	6.0	A		
"AR" 91+44 Rt	16.0	A		
"AL" 91+78 Lt	7.5	A		
"AR" 92+42 Rt	4.0		C	
"AL" 92+50 Lt	4.5		C	
"AR" 92+82 Rt	3.5		C	
"AL" 92+89 Lt	11.0		C	
"AR" 93+42 Rt	14.0	A		
"AL" 93+51 Lt	5.5	A		
"AR" 94+03 Rt	12.0	A		
SUBTOTAL	273.5			

SUMMARY OF QUANTITIES Q-18

(N) Not A Separate Pay Item, For Information Only.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans PROJECT DEVELOPMENT

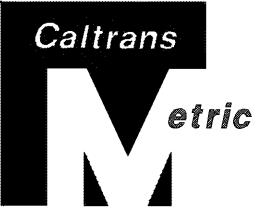
R. S. Miller

EDGE DRAIN				
80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS
UNSLOTTED		TYPE (N)		
STATION	m	OUTLET	VENT	CLEANOUT
"AL" 94+11 L+	6.0	A		
"AR" 94+63 R+	9.0	C		
"AL" 94+70 L+	6.0	C		
"AL" 95+10 R+	5.0		F	
"AR" 95+24 R+	5.0			2
"AL" 95+30 L+	14.5	A		
"AL" 95+70 R+	5.0			1
"AL" 95+91 L+	10.0	A		
"AL" 96+31 R+	6.0			1
"AR" 96+44 R+	9.0			2
"AL" 96+90 R+	6.0			1
"AR" 97+04 R+	8.0			2
"AL" 97+51 R+	5.0	C		
"AR" 97+70 R+	8.0	A		
"AR" 97+94 R+	12.0	C		
"AR" 98+05 L+	3.5	C		
"AL" 98+08 R+	4.5	C		
"AL" 98+34 L+	5.0	C		
"AR" 98+48 R+	5.0			2
"AR" 98+65 L+	5.0			1
"AL" 98+94 L+	5.0	C		
"AR" 99+07 R+	4.5		F	
"AR" 99+26 L+	5.0			1
"AL" 99+56 L+	6.5			2
"AR" 100+00 L+	5.5			1
"AL" 100+17 L+	5.0			2
"AR" 110+45 L+	5.0			1
"AL" 100+77 L+	4.0			2
"AR" 101+04 L+	5.0	C		
"AL" 101+38 L+	4.0			2
"AR" 101+64 L+	5.0			1
"AL" 101+80 L+	5.0	E		2
"AL" 101+96 L+	4.0			Connect To Exist RCB
"AR" 102+24 L+	5.0	C		
"AL" 102+56 L+	4.0		F	
"AR" 102+83 L+	4.5			1
"AL" 103+17 L+	4.5			2
"AR" 103+30 R+	7.0	C		
"AR" 103+43 L+	5.5	C		
"AL" 103+76 L+	4.0			2
"AR" 103+80 L+	5.0		F	
"AR" 103+92 R+	4.0			1
"AL" 104+36 L+	4.0			2
"AR" 104+77 R+	8.5	D		Connect To Exist Inlet
"AL" 104+98 L+	4.5	C		
"AL" 105+57 L+	3.5	C		
"AR" 105+60 R+	3.0			2
"AL" 106+03 L+	4.0	A		
"AR" 106+27 L+	4.0	E		Connect To Exist RCB
"AR" 106+30 R+	1.0		F	
"AL" 106+78 L+	3.5			2
"AR" 106+91 L+	5.0			1
"AL" 107+34 L+	4.5	C		
"AR" 107+51 L+	5.0			1
"AL" 107+98 L+	5.0	C		
"AR" 108+00 L+	3.0	E		Connect To Exist RCB
SUBTOTAL	302.5			

EDGE DRAIN

REMARKS

AS BUILT
(NO CORRECTIONS ON THIS SHEET)
CONTRACT No. 05-448314
C.C.A. DATE 04/14/04
R.E. NAME H.J.Bloemer



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	HEET No.	TOTAL SHEETS
05	SB	101	1.6/20.5	323	394

Robert B Miller 4-5-01
REGISTERED CIVIL ENGINEER
R.S. Miller No. 54392
Exp. 12-31-03
CIVIL STATE OF CALIFORNIA

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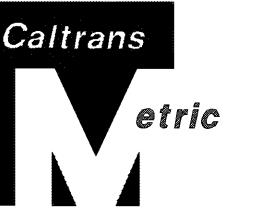
EDGE DRAIN

REMARKS

80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS
UNSLOTTED		TYPE (N)		
STATION	m	OUTLET	VENT	CLEANOUT
"AR" 108+60 L+	5.0			1
"AL" 108+60 L+	4.0	C		
"AR" 108+71 R+	8.5	D		Connect To Existing PCC Ditch
"AR" 109+20 L+	5.0		F	1
"AL" 109+20 L+	5.0			1
"AR" 109+31 R+	4.0			1
"AL" 109+40 L+	5.0		F	
"AL" 109+40 L+	5.0		F	
"AR" 110+00 R+	3.0		F	
"AR" 110+00 R+	3.0		F	
"AL" 110+00 L+	3.0			2
"AL" 110+40 L+	3.5			2
"AR" 110+67 R+	8.5			
"AL" 111+05 L+	2.0	E		Connect To Exist RCB
"AR" 111+25 R+	7.0	A		
"AL" 111+25 L+	4.0	C		
"AL" 111+25 L+	4.0	C		
"AL" 111+60 L+	4.0	C		
"AR" 111+71 R+	7.0		F	
"AL" 112+19 L+	4.0			1
"AR" 112+32 R+	7.0	C		
"AL" 112+80 L+	4.5			1
"AR" 112+90 R+	2.2			2
"AL" 113+52 L+	4.0		C	
"AL" 113+53 R+	5.5	D		Connect To Exist Inlet
"AR" 113+61 R+	7.0	A		
"AL" 113+99 L+	4.0		F	
"AL" 114+16 R+	5.0			1
"AL" 114+76 R+	4.5		F	
"AR" 114+92 R+	4.5		F	
"AR" 114+92 R+	4.5		F	
"AL" 114+99 R+	4.5		F	
"AL" 115+36 R+	5.0			1
"AR" 115+80 R+	11.0	A		
"AL" 115+95 R+	4.5			1
"AL" 116+50 R+	4.0	C		
"AL" 116+61 R+	6.5	C		
"AR" 116+74 R+	9.0	C		
"AR" 117+00 R+	10.0	D		Connect To Exist PCC Ditch
SUBTOTAL	201.7			

(N) Not A Separate Pay Item, For Information Only.

SUMMARY OF QUANTITIES
Q - 19

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		Caltrans PROJECT DEVELOPMENT		R. S. Miller	
CALCULATED / DESIGNED BY		REVISED BY		DATE REVISED	
LS		BRR		9-00 DATE REVISED 4-01	
EDGE DRAIN					
80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS	
UNSLOTTED		TYPE (N)			
STATION		m	OUTLET	VENT	CLEANOUT
"AL" 117+21 Rt 5.5 1 "AR" 117+43 Rt 6.0 C "AL" 117+80 Rt 6.0 1 "AR" 118+06 Rt 6.0 D Connect To Existing PCC Ditch "AL" 118+40 Rt 5.0 C "AL" 118+40 Lt 12.0 C "AR" 118+60 Rt 7.0 D Connect To Existing PCC Ditch "AL" 119+00 Lt 8.0 1 "AR" 119+25 Rt 12.0 D Connect To Existing PCC Ditch "AL" 119+60 Lt 9.5 1 "AR" 119+72 Rt 4.0 D Connect To Exist Inlet "AR" 120+33 Rt 3.5 1 "AL" 120+45 Lt 4.0 D Connect To Exist Inlet "AR" 120+91 Rt 3.5 "AL" 120+91 Lt 4.0 1 "AR" 121+00 Lt 4.5 C "AL" 121+50 Lt 4.0 1 "AR" 121+60 Lt 5.0 C "AL" 122+10 Lt 4.0 1 "AR" 122+20 Lt 5.0 1 "AL" 122+70 Lt 11.5 D Connect To Exist PCC Ditch "AR" 122+80 Lt 5.5 1 "AL" 123+30 Lt 5.0 F "AL" 123+30 Lt 5.0 F "AR" 123+40 Lt 5.5 F "AR" 123+40 Rt 3.5 F "AL" 123+90 Lt 5.0 D Connect To Inlet, Drainage System 78 "AR" 124+00 Rt 2.2 1 "AL" 124+52 Rt 5.0 1 "AR" 124+86 Rt 3.5 D Connect To Inlet, Drainage System 80 "AL" 125+16 Rt 6.5 D Connect To Exist Inlet "AL" 125+84 Rt 6.0 E Connect To Exist RCP "AR" 125+88 Rt 7.0 D Connect To Inlet, Drainage System 82 "AL" 126+37 Rt 5.0 1 "AR" 126+47 Rt 7.0 1 "AL" 126+98 Rt 5.5 1 "AR" 127+08 Rt 6.0 1 "AL" 127+58 Rt 4.5 1 "AR" 127+95 Rt 5.5 D Connect To Inlet, Drainage System 83 "AL" 128+08 Rt 4.5 D Connect To Exist Inlet "AR" 128+56 Rt 5.0 1 "AL" 128+66 Rt 5.0 1 "AL" 129+14 Lt 4.0 F "AR" 129+47 Rt 5.5 D Connect To Exist Inlet "AL" 129+50 Rt 4.0 E Connect To Exist RCP "AL" 129+75 Lt 3.5 C "AR" 129+89 Lt 5.5 F "AR" 130+00 Rt 2.2 2 "AL" 130+36 Lt 5.0 C "AR" 130+50 Lt 6.0 D Connect To Existing Inlet "AR" 130+63 Rt 6.0 D Connect To Inlet, Drainage System 85 "AL" 130+96 Lt 6.0 C "AR" 131+11 Lt 5.0 1 "AL" 131+57 Lt 7.0 C "AR" 131+89 Lt 6.0 D Connect To Existing Inlet "AL" 132+18 Lt 11.5 A 1 "AR" 132+46 Lt 5.0 1 SUBTOTAL 319.9					
AS BUILT					
(NO CORRECTIONS ON THIS SHEET) CONTRACT No. 05-448314 C.C.A. DATE 04/14/04 R.E. NAME H.J.Bloemer					
 DIST COUNTY ROUTE KILOMETER POST TOTAL PROJECT SHEET No TOTAL SHEETS 05 SB 101 1.6/20.5 324 394					
Robert B. Miller 4-5-01 <small>REGISTERED PROFESSIONAL ENGINEER No. 54392 Exp. 12-31-03</small> <small>CIVIL STATE OF CALIFORNIA</small> <small>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.</small> <small>Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov</small>					
EDGE DRAIN					
80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY			
UNSLOTTED		TYPE (N)		REMARKS	
STATION		m	OUTLET	VENT	CLEANOUT
"AL" 132+80 Lt 10.5 A "AL" 132+80 Lt 10.5 A "AL" 132+86 Rt 4.0 D Connect To Inlet, Drainage System 176 "AR" 132+87 Rt 2.5 D Connect To Inlet, Drainage System 196 "AR" 132+90 Lt 7.0 D Connect To Inlet, Drainage System 196 "AL" 133+50 Lt 13.5 F 1 "AL" 133+51 Rt 4.5 1 Connect To Inlet, Drainage System 198 "AR" 133+74 Rt 3.0 D Connect To Inlet, Drainage System 198 "AL" 133+92 Rt 2.0 D Connect To Inlet, Drainage System 94 "AL" 134+60 Rt 4.5 1 Connect To Exist Inlet "AR" 134+61 Rt 3.5 1 Connect To Existing HW "AL" 135+31 Rt 5.0 1 "AL" 135+57 Rt 4.5 D Connect To Exist Inlet "AR" 135+61 Rt 7.0 D Connect To Existing HW "AL" 136+00 Lt 9.0 A "AL" 136+17 Rt 5.0 C "AR" 136+20 Rt 3.5 1 "AL" 136+50 Rt 5.0 F "AL" 136+60 Lt 9.0 A Connect To Inlet, Drainage System 91 "AR" 136+84 Rt 4.5 D Connect To Inlet, Drainage System 91 "AL" 137+20 Lt 7.5 A "AR" 137+46 Rt 9.5 2 Connect To Exist RCP "AR" 137+72 Lt 3.0 E Connect To Exist RCP "AL" 137+80 Lt 6.0 A "AR" 138+20 Rt 4.0 F Connect To Exist RCP "AR" 138+33 Lt 6.5 D Connect To Exist RCP "AL" 138+40 Rt 7.5 A "AR" 138+94 Lt 5.0 C "AL" 139+00 Lt 7.0 A "AR" 139+54 Lt 4.5 C "AL" 139+60 Lt 7.0 A "AR" 140+16 Lt 4.5 C "AR" 140+48 Lt 4.0 C "AL" 140+50 Lt 2.0 2 Cleanout/Vent In No. 3.5T Pull Box "AR" 140+97 Lt 5.5 D Connect To Exist PCC Ditch "AR" 141+56 Lt 5.0 C "AR" 142+16 Lt 5.0 C "AL" 142+16 Lt 11.0 A "AL" 142+45 Lt 3.0 D Connect To Inlet, Drainage System 95 "AR" 142+67 Rt 10.5 D Connect To Existing Inlet "AR" 142+76 Lt 4.5 C "AL" 143+04 Lt 4.0 2					
SUMMARY OF QUANTITIES					
Q-20					
(N) Not A Separate Pay Item, For Information Only					

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans PROJECT DEVELOPMENT

PROJECT ENGINEER

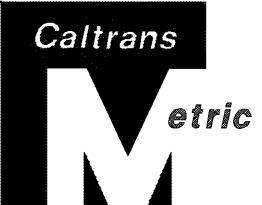
R. S. Miller

CALCULATED / DESIGNED BY LS 7-00 DATE REVISED BY BRR 9-00 DATE REVISED 4-01
CHECKED BY

EDGE DRAIN

80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS	
STATION	m	OUTLET	VENT	CLEANOUT	
"AL" 143+26 Rt	4.0	C			
"AR" 143+27 Lt	4.5		F		
"AR" 143+28 Rt	11.0	C			
"AL" 143+56 Rt	5.0	D			Connect To Exist Inlet
"AL" 143+66 Rt	16.0		C		
"AR" 143+87 Rt	11.0	A			
"AL" 144+16 Rt	5.0	C			
"AR" 144+47 Rt	11.5	A			
"AL" 144+80 Rt	5.5	D			Connect To Exist Inlet
"AR" 145+04 Rt	5.5	D			Connect To Exist Inlet
"AL" 145+40 Rt	6.1	C			
"AR" 145+64 Rt	6.5		1		
"AL" 146+00 Rt	4.5	C			
"AR" 146+25 Rt	4.5		1		
"AL" 146+60 Rt	4.5		1		
"AR" 147+20 Rt	4.5		F		
"AR" 147+20 Rt	4.5		F		
"AL" 147+20 Rt	4.5		F		
"AL" 147+20 Rt	4.5		F		
"AL" 147+80 Rt	5.0		F		
"AL" 147+80 Lt	6.0	C			
"AR" 148+04 Rt	3.5		1		
"AR" 148+20 Lt	4.5		F		
"AL" 148+40 Lt	3.5		1		
"AR" 148+66 Rt	3.0		1		
"AR" 148+80 Lt	4.0	C			
"AL" 149+00 Lt	4.0		2		
"AR" 149+28 Rt	3.5	D			Connect To Exist Inlet
"AR" 149+31 Lt	5.5	D			Connect To Exist Inlet
"AL" 149+32 Lt	6.1	D			Connect To Exist Inlet
"AL" 149+60 Lt	5.0	A			
"AR" 150+00 Lt	4.5		1		
"AL" 150+20 Lt	13.0	A			
"AR" 150+40 Lt	5.0		1		
"AL" 150+80 Lt	11.0	A			
"AR" 151+00 Lt	5.0	C			
"AL" 151+40 Lt	8.0		1		
"AR" 151+60 Lt	11.0	A			
"AL" 152+00 Lt	6.0		1		
"AR" 152+20 Lt	8.5	A			
"AL" 152+60 Lt	5.5		1		
"AR" 152+65 Lt	7.0		F		
"AL" 153+20 Lt	6.5		1		
"AR" 153+33 Rt	5.0		F		
"AR" 153+36 Lt	16.0	A			
"AR" 153+67 Lt	13.0	D			Connect To Inlet, Drainage system 106
"AL" 153+80 Lt	6.0		F		
"AR" 154+00 Rt	14.5	A			
"AL" 154+40 Lt	6.5		1		
"AR" 154+62 Rt	10.5	D			Connect To Exist PCC Ditch
"AL" 155+00 Lt	5.5		F		
"AR" 155+14 Rt	5.0		2		
"AL" 155+60 Lt	5.5		1		
"AR" 155+76 Rt	6.0	E			Connect To Exist RCP
"AL" 156+20 Lt	4.5		1		
"AR" 156+27 Rt	5.0	D			Connect To Exist PCC Ditch
"AL" 156+80 Lt	4.5		1		
"AR" 156+87 Rt	5.0	D			Connect To Exist PCC Ditch
SUBTOTAL	380.2				

AS BUILT
(NO CORRECTIONS ON THIS SHEET)
CONTRACT No. 05-448314
C.C.A. DATE 04-14-04
R.E. NAME H.J.Bloemer



DIST COUNTY ROUTE KILOMETER POST
05 SB 101 1.6/20.5 325 394

Robert S. Miller 4-5-01
REGISTERED CIVIL ENGINEER
No. 54392



6-25-01
PLANS APPROVAL DATE
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EDGE DRAIN

80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS	
STATION	m	OUTLET	VENT	CLEANOUT	
"AL" 157+20 Rt	4.0		F		
"AL" 157+29 Lt	4.5	C			
"AR" 157+44 Rt	6.0	D			Connect To Exist PCC Ditch
"AL" 157+55 Rt	4.5	D			Connect To Exist PCC Ditch
"AR" 158+16 Rt	8.0	A			
"AR" 158+16 Rt	8.0	A			
"AL" 158+27 Rt	5.0	C			
"AL" 158+27 Rt	5.0	C			
"AR" 158+70 Rt	2.2		2		
"AL" 159+25 Rt	4.0		F		
"AL" 159+25 Rt	4.0		F		
"AR" 159+25 Rt	4.0		F		
"AR" 159+85 Rt	2.2		2		
"AL" 159+85 Rt	4.0		1		
"AR" 160+16 Rt	2.2		2		
"AL" 160+50 Rt	4.0		1		
"AR" 160+77 Rt	4.0		1		
"AL" 161+20 Rt	1.0	D			Connect To Exist Inlet
"AR" 161+22 Rt	4.0	C			
"AL" 161+32 Lt	9.0		F		
"AR" 161+36 Rt	4.0		C		
"AL" 161+96 Lt	7.0		2		
"AR" 161+97 Rt	4.0		1		
"AL" 162+57 Lt	7.5	D			Connect To Inlet, Drainage System 110
"AR" 162+64 Rt	6.0	C			
"AR" 162+64 Rt	6.0	C			
"AL" 162+82 Lt	3.0	C			
"AL" 162+82 Rt	1.0	D			Connect To Exist Inlet
"AR" 163+05 Rt	4.5	C			
"AL" 163+60 Rt	3.5		1		
"AR" 163+77 Rt	3.0		1		
"AL" 164+20 Rt	4.0		1		
"AR" 164+37 Rt	3.0		1		
"AL" 164+80 Rt	4.0		1		
"AR" 164+96 Rt	3.0		1		
"AL" 165+20 Lt	3.5	C			
"AL" 165+40 Rt	4.0		C		
"AR" 165+58 Rt	3.0		1		
"AL" 166+00 Lt	4.0	C			
"AR" 166+34 Rt	8.0	C			
"AR" 166+34 Rt	8.0	C			
"AL" 166+50 Lt	4.5		F		
"AL" 166+50 Lt	4.5		F		
"AR" 166+94 Rt	11.0	D			Connect To Inlet, Drainage System 111
SUBTOTAL	207.6				

(N) Not A separate Pay Item, For Information Only.

SUMMARY OF QUANTITIES
Q-21

EDGE DRAIN				
80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS
UNSLOTTED		TYPE (N)		
STATION	m	OUTLET	VENT	CLEANOUT
"AL" 167+00 Lt	5.0			1
"AR" 167+40 Rt	4.5			1
"AL" 167+50 Lt	3.0	D		Connect To Inlet, Drainage System 113
"AR" 167+67 Rt	3.5	D		Connect To Inlet, Drainage System 112
"AL" 168+11 Lt	5.5			1
"AR" 168+20 Rt	5.0	F		
"AR" 168+44 Rt	3.0	D		Connect To Inlet, Drainage System 115
"AL" 168+49 Lt	3.0	D		Connect To Inlet, Drainage System 114
"AR" 168+52 Lt	7.5	D		Connect To Exist Inlet
"AR" 168+52 Lt	7.5	D		Connect To Exist Inlet
"AL" 168+68 Lt	3.0	E		Connect To Exist RCP
"AL" 168+68 Lt	3.0	E		Connect To Exist RCP
"AL" 169+08 Lt	5.0			1
"AR" 169+11 Lt	5.0	E		Connect To Exist RCP
"AR" 169+63 Lt	6.0	D		Connect To Exist RCP
"AL" 169+65 Lt	3.5	D		Connect To Inlet, Drainage System 119
"AR" 170+24 Lt	5.5			1
"AL" 170+25 Lt	10.5			1
"AL" 170+64 Lt	5.5	D		Connect To Inlet, Drainage System 122
"AR" 170+73 Lt	7.0	D		Connect To Exist Inlet
"AL" 171+24 Lt	7.0			1
"AR" 171+33 Lt	6.0			1
"AL" 171+84 Lt	7.0			1
"AR" 171+85 Lt	6.0			1
"AL" 172+20 Lt	5.0			1
"AR" 172+57 Lt	7.5	D		Connect To Exist Inlet
"AL" 172+70 Lt	7.0			1
"AR" 173+10 Lt	6.0			1
"AL" 173+30 Lt	11.0			1
"AR" 173+68 Lt	6.0	F		
"AR" 173+68 Lt	6.0	F		
"AL" 173+90 Lt	10.0	F		
"AL" 173+90 Lt	10.0	F		
"AR" 174+20 Lt	6.0			1
"AL" 174+29 Lt	3.0	D		Connect To Inlet, Drainage System 126
"AR" 174+80 Lt	5.5			1
"AL" 175+08 Lt	2.5	D		Connect To Inlet, Drainage System 129
"AR" 175+31 Lt	8.0	D		Connect To Exist Inlet
"AL" 175+68 Lt	3.0	D		Connect To Inlet, Drainage System 131
"AR" 176+03 Lt	8.0	D		Connect To Exist Inlet
"AR" 176+03 Rt	6.5	F		
"AL" 176+30 Lt	5.0			1
"AR" 176+78 Rt	5.0	D		Connect To Exist Inlet
"AL" 176+77 Lt	3.0	D		Connect To Inlet, Drainage System 132
"AL" 177+10 Lt	2.0	D		Connect To Inlet, Drainage System 135
"AR" 177+37 Rt	5.5			1
"AL" 177+50 Rt	8.0	D		Connect To Exist Inlet
"AR" 177+89 Rt	3.5	D		Connect To Inlet, Drainage System 137
"AR" 177+89 Rt	3.5	D		Connect To Inlet, Drainage System 137
"AL" 177+95 Lt	6.0	E		Connect To Exist RCP
"AL" 177+95 Lt	6.0	E		Connect To Exist RCP
"AL" 178+64 Rt	6.5	D		Connect To Exist Inlet
"AR" 178+64 Rt	4.0	D		Connect To Inlet, Drainage System 138
"AL" 179+36 Rt	7.5	D		Connect To Exist Inlet
"AR" 179+54 Rt	4.0	D		Connect To Inlet, Drainage System 139
"AL" 179+97 Rt	5.0			1
"AR" 180+00 Rt	4.0	F		
SUBTOTAL	317.0			

AS BUILT
(NO CORRECTIONS ON THIS SHEET)
CONTRACT No. 05-448314
C.C.A. DATE 04/14/04
R.E. NAME H.J.Bloemer



DIST COUNTY ROUTE KILOMETER POST
05 SB 101 1.6/20.5 326 394

Robert B. Miller 4-5-01
REGISTERED CIVIL ENGINEER
R.S. Miller No. 54392
* Exp. 12-31-03 *
CIVIL STATE OF CALIFORNIA
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EDGE DRAIN				
80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS
UNSLOTTED		TYPE (N)		
STATION	m	OUTLET	VENT	CLEANOUT
"AR" 180+00 Rt	4.0			
"AL" 180+42 Rt	5.0			
"AL" 180+42 Rt	5.0			
"AR" 180+76 Rt	6.0			1
"AL" 181+00 Rt	5.5			1
"AR" 181+33 Rt	4.0			1
"AL" 181+50 Rt	5.5	D		Connect To Exist Inlet
"AL" 181+50 Rt	5.5	D		Connect To Exist Inlet
"AR" 181+70 Rt	3.5	D		Connect To Inlet, Drainage System 143
"AL" 182+02 Lt	7.5	C		
"AL" 182+02 Rt	7.5			
"AR" 182+30 Rt	4.5			1
"AL" 182+63 Lt	4.0	C		
"AL" 182+63 Lt	4.0	C		
"AR" 183+26 Rt	8.0	C		
"AR" 183+26 Rt	8.0	C		
"AL" 183+29 Lt	3.0	D		Connect To Inlet, Drainage System 144
"AL" 183+29 Lt	3.0	D		Connect To Inlet, Drainage System 144
"AR" 183+51 Rt	4.0	C		
"AL" 183+90 Lt	4.0	A		
"AR" 184+11 Rt	4.5	C		
"AL" 184+50 Lt	9.0	A		
"AR" 184+71 Rt	13.0	C		
"AL" 185+11 Lt	6.0	A		
"AR" 185+20 Rt	3.5	D		Connect To Inlet, Drainage System 147
"AL" 185+71 Lt	7.0	A		
"AR" 185+99 Rt	7.5	D		Connect To Inlet, Drainage System 148
"AL" 186+52 Lt	8.5	A		
"AR" 186+60 Rt	5.0			1
"AL" 187+15 Lt	9.0	A		
"AR" 187+20 Rt	4.0			1
"AL" 187+76 Lt	4.0	C		
"AR" 187+80 Rt	5.5			1
"AL" 187+37 Lt	4.0	F		
"AL" 187+37 Lt	4.0	F		
"AR" 188+40 Rt	6.0	F		
"AR" 188+40 Rt	6.0	F		
"AL" 188+97 Lt	4.0			1
"AR" 189+00 Rt	5.0			1
"AL" 189+57 Lt	4.0			1
"AR" 189+60 Rt	5.0			1
"AR" 190+04 Rt	3.0	D		Connect To Inlet, Drainage System 152
"AR" 190+03 Lt	3.0	C		
"AL" 190+17 Lt	3.0			1
SUBTOTAL	235.0			

(N) Not A separate Pay Item, For Information Only.

SUMMARY OF QUANTITIES
Q-22

EDGE DRAIN

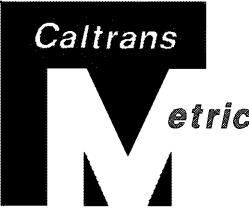
80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS
EDGE DRAIN OUTLET		UNSLOTTED		
STATION	m	OUTLET	VENT	CLEANOUT
"AR" 190+63 Lt	6.0	A		1
"AL" 190+78 Lt	3.5			
"AL" 191+19 Lt	4.5	C		
"AR" 191+37 Lt	4.0		C	
"AL" 191+70 Lt	3.5		F	
"AR" 191+97 Lt	7.0	A		
"AL" 192+30 Lt	6.5		1	
"AR" 192+57 Lt	5.0	A		
"AL" 192+91 Lt	5.0		1	
"AR" 193+22 Lt	3.0	D		Connect To Exist Inlet
"AL" 193+53 Lt	5.5		1	
"AR" 193+82 Lt	5.0		1	
"AL" 193+84 Lt	4.0	D		
"AR" 194+43 Lt	7.5	C		Connect To Exist PCC Ditch
"AL" 194+57 Lt	4.5		1	
"AR" 194+99 Lt	9.5	C		
"AL" 195+03 Lt	4.0	D		Connect To Inlet, Drainage System 194
"AR" 195+47 Lt	10.0	D		Connect To Exist Inlet
"AL" 195+63 Lt	12.5		1	
"AR" 196+07 Lt	7.0	C		
"AL" 196+23 Lt	10.5		1	
"AR" 196+71 Lt	4.0		1	
"AL" 196+84 Lt	7.0	C		
"AR" 197+14 Lt	4.0	C		
"AR" 197+14 Rt	4.0		F	
"AL" 197+44 Lt	6.0	C		
"AR" 197+80 Rt	10.0	C		
"AL" 198+05 Lt	5.0	C		
"AR" 198+40 Rt	9.5	C		
"AL" 198+64 Lt	5.5	C		
"AR" 199+00 Rt	10.0	C		
"AL" 199+23 Lt	5.0	C		
"AR" 199+60 Rt	9.0	C		
"AL" 199+83 Lt	4.5	C		
"AL" 200+20 Lt	4.5	C		
"AL" 200+20 Lt	4.5	C		
"AR" 200+20 Rt	9.0	C		
"AR" 200+20 Rt	9.0	C		
"AL" 200+44 Lt	5.0	C		
"AR" 200+80 Rt	13.0	C		
"AL" 201+03 Lt	5.0	C		
"AL" 201+60 Lt	4.5	C		
"AR" 201+80 Rt	5.0	D		Connect To Inlet, Drainage System 168
"AL" 202+19 Lt	5.0		1	
"AL" 202+40 Lt	4.5		1	
"AR" 202+80 Rt	8.5	D		Connect To Exist PCC Ditch
"AL" 202+80 Lt	4.0		1	
"AR" 204+00 RT	6.0	C		
"AL" 204+00 Lt	4.0		1	
"AR" 204+60 Rt	5.0	C		
"AL" 204+60 Lt	4.5		1	
"AL" 205+15 Lt	6.5	F		
SUBTOTAL	319.0			

DIST COUNTY ROUTE KILOMETER POST
05 SB 101 1.6/20.5 327 394
TOTAL PROJECT SHEET No TOTAL SHEETS

REGISTERED PROFESSIONAL ENG. ING.
R.S. Miller No. 54392
4-5-01 Exp. 12-31-03 CIVIL STATE OF CALIFORNIA

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**EDGE DRAIN**

80 mm PLASTIC PIPE		TERMINAL OR INTERMEDIATE FACILITY		REMARKS
EDGE DRAIN OUTLET		UNSLOTTED		
STATION	m	OUTLET	VENT	CLEANOUT
"AR" 205+20 Rt	5.5	C		
"AL" 205+35 Lt	7.0	C		
"AR" 205+80 Rt	5.5	C		
"AL" 205+93 Lt	5.0	D		Connect To Inlet, Drainage System 170
"AR" 206+40 Rt	6.0	C		
"AL" 206+28 Rt	4.0	C		
"AL" 206+28 Lt	10.0		C	
"AL" 206+86 Rt	5.0	D		Connect To Exist Inlet
"AR" 207+00 Rt	5.0	C		
"AL" 207+45 Rt	4.0		1	
"AR" 207+60 Rt	4.5	C		
"AL" 207+83 Rt	4.0	D		Connect To Exist Inlet
"AR" 208+20 Rt	4.0	C		
"AL" 208+64 Rt	4.5	C		1
"AR" 208+80 Rt	5.5	C		
"AL" 209+20 Rt	6.0	D		Connect To Exist Inlet
"AR" 209+40 Rt	8.5	C		
"AL" 209+84 Rt	5.0	C		
"AR" 209+87 Rt	4.0	D		Connect To Inlet, Drainage System 174
"AR" 209+88 Lt	5.0	E		Connect To Exist RCP
"AR" 209+91 Lt	7.0	A		
"AR" 210+50 Lt	4.5		1	
"AL" 210+51 Lt	6.5	A		
"AR" 210+60 Rt	5.5	A		
"AL" 211+10 Lt	6.5	A		
"AR" 211+11 Lt	4.0		1	
"AR" 211+70 Lt	4.0		1	
"AL" 211+71 Lt	6.0	A		
"AL" 212+05 Lt	2.5	C		
"AR" 212+34 Lt	4.0	C		
SUBTOTAL	158.5			
TOTAL	4346.0			

