

STRUCTURE SUMMARY																	
ITEM NO.	SHEET NO.	STATION	DESCRIPTION	12" PLASTIC PIPE	18" PLASTIC PIPE	12" REINFORCED CONCRETE PIPE (CLASS III)	18" REINFORCED CONCRETE PIPE (CLASS III)	14"x23" OVAL SHAPED REINFORCED CONCRETE PIPE (CLASS III)	24"x24" PRECAST CONCRETE INLET	24"x36" PRECAST CONCRETE INLET	36"x36" PRECAST CONCRETE INLET	INLET FRAME AND GRATE (24"x24")	INLET FRAME AND GRATE (24"x36")	INLET FRAME AND GRATE (36"x36")	INLET FRAME AND COVER (36"x36")	MODIFY BOX CULVERT HEADWALLS	REMARKS
				LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	
1	4	98+25 RT TO 98+58 RT	PLACE STORM DRAIN	33													
2	4	98+58 RT	PLACE DRAINAGE INLET NO. 1							1			1				OPENINGS ON EAST AND WEST SIDES
3	4	98+70	PLACE STORM DRAIN				55										OPENINGS ON NORTH AND WEST SIDES
4	4	98+82 LT	PLACE DRAINAGE INLET NO. 2								1			1			
5	4	98+82 LT TO 101+45 LT	PLACE STORM DRAIN		264												
6	5	101+45 RT	PLACE DRAINAGE INLET NO. 4						1			1					OPENING ON WEST SIDE
7	5	101+45	PLACE STORM DRAIN		48												
8	5	101+45 LT	PLACE DRAINAGE INLET NO. 3								1			1			OPENINGS ON EAST AND WEST SIDES INCLUDE STEPS PER CALTRANS STANDARDS
9	5	101+45 LT TO 102+28 LT	PLACE STORM DRAIN		83												
10	5	102+28 LT	PLACE DRAINAGE INLET NO. 5							1			1				OPENING ON WEST SIDE
11	5	102+45 RT TO 102+80 RT	PLACE STORM DRAIN			35											
12	5	102+28 LT TO 103+25 LT	PLACE STORM DRAIN		97												
13	4	103+25 LT	PLACE DRAINAGE INLET NO. 7								1			1			OPENING ON WEST SIDE INCLUDE STEPS PER CALTRANS STANDARD PLANS
14	4	103+25 LT	PLACE STORM DRAIN				48										
15	5	103+25 RT	PLACE DRAINAGE INLET NO. 6						1			1					OPENINGS ON EAST AND WEST SIDES
16	5	103+25 LT TO 103+95 LT	PLACE STORM DRAIN		70												
17	5	103+95 LT	PLACE DRAINAGE INLET NO. 8								1			1			OPENING ON WEST SIDE INCLUDE STEPS PER CALTRANS STANDARD PLANS
18	5	103+95 RT TO 104+13.50 RT	PLACE STORM DRAIN		18												
19	5	103+95	PLACE STORM DRAIN				48										
20	5	103+95 RT	PLACE DRAINAGE INLET NO. 9							1				1			OPENING ON WEST SIDE INCLUDE STEPS PER CALTRANS STANDARDS
21	5	104+13.50 LT	PLACE DRAINAGE INLET NO. 10							1				1			
22	5	104+13.50 LT TO 105+98 LT	PLACE STORM DRAIN		84												
23	5	104+98 LT	PLACE DRAINAGE INLET NO. 11								1			1			OPENING ON WEST SIDE INCLUDE STEPS PER CALTRANS STANDARDS
24	5	104+98	PLACE STORM DRAIN				49										
25	5	104+98 RT	PLACE DRAINAGE INLET NO. 12					1				1					OPENING ON WEST SIDE
26	5	104+98 LT TO 105+65 LT	PLACE STORM DRAIN		67												
27	5	105+65 LT	PLACE DRAINAGE INLET NO. 13							1			1				OPENING ON WEST SIDE
28	5	105+65 LT TO 106+25 LT	PLACE STORM DRAIN		60												
29	5	106+25 LT	PLACE DRAINAGE INLET NO. 15								1			1			OPENING ON WEST SIDE INCLUDE STEPS PER CALTRANS STANDARDS
30	5	106+25	PLACE STORM DRAIN		48												
31	5	106+25 RT	PLACE DRAINAGE INLET NO. 14					1				1					OPENING ON WEST SIDE
32	5	106+25 LT TO 107+12 LT	PLACE STORM DRAIN		87												
33	5	107+12 LT	PLACE DRAINAGE INLET NO. 16								1			1			OPENING ON WEST SIDE
34	6	107+24	PLACE STORM DRAIN				53										
35	6	107+36 RT	PLACE DRAINAGE INLET NO. 17							1			1				OPENING ON WEST SIDE
36	6	107+12 LT TO 107+36 LT	PLACE STORM DRAIN		103												
37	6	108+15 LT	PLACE DRAINAGE INLET NO. 18							1			1				OPENING ON WEST SIDE
38	6	108+15 LT TO 108+85 LT	PLACE STORM DRAIN		70												
39	6	110+45	MODIFY BOX CULVERT HEADWALLS												1		SEE DETAILS, SHEET 7
40	6	110+86	PLACE DRAINAGE INLET								1			1			CONNECT EXISTING 18" CMP OPENING ON EAST SIDE
TOTALS				33	1,099	35	200	53	4	5	10	4	5	9	1	1	

LEGEND
 PLASTIC PIPE... CORRUGATED PLASTIC PIPE (SMOOTH INTERIOR)
 □ CENTRAL PRECAST DROP INLET WITH SIDE OPENINGS, OR APPROVED EQUAL
 ○ 1/4" GALVANIZED CHECKER-PLATE COVER

REMOVE DRAINAGE FACILITIES			
STATION	CULVERTS	DRAINAGE BOXES	REMARKS
	LF	EA	
98+39 RT	15		
98+99 LT	40		
99+58 RT	30		
100+47.50 RT	20		
101+61 RT	28		
101+73 LT	20		
102+45 LT	26		
102+52 RT	68		
103+47 LT	40		
104+15 LT	26		
104+18.50 RT	18		
105+73 RT	30		
105+80 LT	26		
106+41 RT	22		
106+41.50 LT	30		
106+86 RT	41		
107+26 LT	35		
107+03 RT			
107+91 RT	35		
108+31 RT	20		
108+63.50 LT	58	1	
TOTALS	628	1	

RELOCATE FENCING			
SHEET NO.	STATION	LF	REMARKS
4/5	100+25 TO 101+60 LT	135	48" WIRE MESH FENCE
TOTALS		135	

COLD PLANE ASPHALT CONCRETE PAVEMENT				
SHEET NO.	LOCATION	WIDTH	LENGTH	AREA
		LF	LF	SY
4	96+10 TO 97+10	16	100	60
6	110+69 TO 111+69	16	100	60
TOTAL				120

DESIGN	BY L. WETJEN	ORIGINAL SIGNED _____ REGISTERED CIVIL ENGINEER PLANS APPROVAL DATE _____	"AS BUILT" INFORMATION TO BE COMPLETED AFTER CONSTRUCTION CONSTRUCTION COMPLETED: _____ RESIDENT ENGINEER AS BUILT DRAWINGS BY: _____	DATE	REVISION	BY	APPROVED	STRUCTURE SUMMARY AND QUANTITY SUMMARIES					COUNTY OF SONOMA DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PHILLIP M. DEMERY, DIRECTOR	
DRAWING	BY M. FAJARDO			ROAD NUMBER	BUDGET NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS	PROJECT: WESTERN AVENUE BIKE SHOULDER WIDENING					
CHECKED	BY L. GURULE			5705A	003020	2008	8	30	DATE: AUGUST 2007 SCALE: AS SHOWN					

ATTACHMENT A (ADD 1)

METAL BEAM GUARD RAILING								
SHEET NO.	STATION	L.F.	TERMINAL SECTION	TERMINAL SYSTEM	TERMINAL SYSTEM	TERMINAL SYSTEM	TRANSITION RAILING	REMARKS
			TYPE C	TYPE SRT	TYPE ET	TYPE SFT	TYPE WB	
			EA	EA	EA	EA	EA	
4	96+37 to 96+74.5 RT			1				
4	96+74.5 to 97+24.5 RT	50						
4	97+24.5 to 97+74.5 RT				1			
4	98+47.5 TO 98+85 RT			1				
4	98+85 TO 99+39 RT	54						
4	99+39 RT	13	1					SEE DRIVEWAY RADIUS DETAIL
4	99+70 TO 100+07.5 RT			1				
4	100+07.5 TO 100+29 RT	21.5				1		
4	100+29 RT	13	1					SEE DRIVEWAY RADIUS DETAIL
4	101+70.5 TO 102+08 RT			1				
4	102+08 TO 102+45.5 RT	37.5				1		
4	102+45.5 RT	13	1					SEE DRIVEWAY RADIUS DETAIL
5	102+86.5 TO 103+24 RT			1				
5	103+24 TO 104+02 RT	78				1		
5	104+02 RT	13	1					SEE DRIVEWAY RADIUS DETAIL
5	104+73 TO 105+23 RT				1			
5	105+23 TO 105+60.5 RT			1				
5	107+11.5 TO 107+49 RT			1				
5	107+49 TO 107+70 RT	21				1		
5	107+70 RT	13	1			1		SEE DRIVEWAY RADIUS DETAIL
6	108+42.2 TO 108+79.7 RT			1				
6	108+79.7 TO 110+17.2 RT	137.50						
6	109+59.8 TO 110+09.8 LT				1			
6	110+09.8 TO 110+34.8 LT					1		
6	110+17.2 TO 110+42.2 RT					1		
6	110+71 TO 110+96 LT					1		WITH LAGGING. SEE DETAIL, SHT 7
6	110+48.2 TO 110+73.2 RT					1		WITH LAGGING. SEE DETAIL, SHT 7
6	110+73.2 TO 111+23.2 RT				1			WITH LAGGING. SEE DETAIL, SHT 7
6	110+96 TO 111+33.5 LT			1				
TOTALS		464.50	5	9	4	5	4	

WATER FACILITIES				
SHEET NO.	STATION	RELOCATE WATER SERVICE (COMPLETE)	RELOCATE PRIVATE WATER SERVICE LINES	REMARKS
		EA	LF	
5	103+77 RT	8		
6	103+81 LT	1		
5	103+95 LT			
5	104+00 RT	1		
5	104+97 RT			
5	105+60 LT	1		
5	106+25 RT			
5	107+16 LT	1		
6	107+31 RT			
6	108+03 RT	1		
6	109+05 LT	1		
6	111+10 RT	1		
4/5	100+60 TO 103+75 RT		315	
4/5	98+70 TO 103+75 RT		505	
4/5	96+00 TO 103+75 RT		4,650	6 SERVICES
TOTALS		15	5,470	

DRIVEWAYS					
SHEET NO.	STATION	WIDTH	LENGTH	MISCELLANEOUS ASPHALT CONCRETE	REMARKS
		LF	LF	SY	
	98+39 RT	15	10	17	
	98+99 LT	21	21	28	
	99+58 RT	23	10	26	SEE DRIVEWAY DEPRESSION DETAIL, SHEET 7
	100+47.50 RT	20	10	22	SEE DRIVEWAY DEPRESSION DETAIL, SHEET 7
	101+61 RT	17	10	19	
	101+73 LT	15	12	20	
	102+45 LT	18	12	24	
	102+52 RT	20	10	22	
	103+47 LT	31	12	41	
	104+15 LT	18	12	24	
	104+18.50 RT	18	10	20	
	105+73 RT	23	10	25	
	105+80 LT	16	10	21	
	106+41 RT	22	32	26	
	106+41.50 LT	12	12	15	
	106+86 RT	15	10	16	
	107+26 LT	17	12	23	
	107+03 RT	15	10	17	
	107+91 RT	27	10	30	
	108+31 RT	17	10	19	
	108+63.50 LT	15	12	20	
TOTALS				141	

RESET MAILBOXES				
SHEET NO.	STATION	SINGLE	ADDRESS	REMARKS
4	98+37 LT	1	2875 WESTERN AVENUE	
4	99+18 LT	1	2880 WESTERN AVENUE	REATTACH 1 NEWSPAPER BOX
4	99+19 LT	1	2850 WESTERN AVENUE	REATTACH 1 NEWSPAPER BOX
4	99+70 LT	1	2865 WESTERN AVENUE	
4	99+71 LT	1	2863 WESTERN AVENUE	
5	101+19 LT	1	2859 WESTERN AVENUE	REATTACH 1 NEWSPAPER BOX
5	101+55 LT	1	2828 WESTERN AVENUE	REATTACH 1 NEWSPAPER BOX
5	104+23 LT	1		
5	105+32 LT	1	2715 WESTERN AVENUE	
5	106+02 LT	1	2707 WESTERN AVENUE	
5	106+11 LT	1	2662 WESTERN AVENUE	
6	108+95 LT	1	2617 WESTERN AVENUE	
6	108+96 LT	1	2630 WESTERN AVENUE	
6	108+07 LT	1	2615 WESTERN AVENUE	
6	108+36 LT	1	2617 WESTERN AVENUE	REATTACH 2 NEWSPAPER BOXES
6	108+80 LT	1	2600 WESTERN AVENUE	
6	111+10 LT	1		
TOTAL		17		

DITCH LINING/OUTLET PROTECTION				
SHEET NO.	STATION	JUTE MESH	ROCK SLOPE PROTECTION	REMARKS
		SY	CY	
4	98+67 TO 98+82 LT	2,148	4	SEE DETAIL, SHEET 7
4	98+82 LT		3	
4	108+85 TO 109+00 LT	75	8	SEE DETAIL, SHEET 7
TOTALS		2,223	15	

TEMPORARY FENCE (ESA)			
SHEET NO.	STATION	TEMPORARY (ESA)	REMARKS
		LF	
	98+74 LT	23	
	99+42 LT	28	
	100+85 LT	34	
	105+18 RT	45	
	106+57 RT	47	
	107+45 RT	27	
	108+77 RT	34	
	109+46 RT	32	
	109+99 TO 110+34 LT	56	
	110+77 TO 111+17 LT	60	
TOTALS		386	

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