

Cold Milling for 4" Base Dig-Out Areas	S.F.	1,339
Full Width Cold milling [1.5" thickness]	S.F.	162,240
Full Width Cold milling [2"to 2.5" thickness]	S.F.	166,950
2.5" ARHM Finish Surface Course	TON	0
2" ARHM Finish Surface Course	TON	2,296
1.5" ARHM Finish Surface Course	TON	1,673
TOTAL ARHM GG-C (1/2") PG 64-16 Finish Course	TON	3,969
4" AC Base Lift Class B 3/4"PG 64-10 for Dig-Out Areas	TON	18

LEGEND P= PRIMARY O= RESIDENTIAL C= COLLECTOR MIA= MINOR ARTERIAL

7,000
S.F.

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CONCRETE RELPACEMENT QUANTITIES FROM FIGUEROA STREET TO AVALON BLVD.

	ADDRESS		Length (L.F.)	Width (L.F.)	Area (S.F.)	CURB & GUTTER (L.F.)	Length (L.F.)	Width (L.F.)	Area (S.F.)	ACCESS RAMP (EA)	Truncated Dom Panel (EA)	CROSS GUTTER (S.F.)	TREE (EA)	LOCAL R&R (S.F.)	COLD MILL F.W./ H.C. (S.F.)	OVERLAY AREA (S.F.)	Manhole Cover Street (Each)	Valve, Cover Water Street (Each)	LOOP Detectors (EA)
			SIDEWALKS				DWY APPROACHS					To Replace	To Remove						
	Street Name	Street Limits: From, To	Measurement			CONCRETE RELATED QUANTITIES								PAVEMENT RELATED QUANTITIES					
1	W. ALBERTONI	Northside-Figueroa to Broadway	7.00	775.00	5,425.00		140.00	9.00				1,260.00	10						
																	4		
		Sidewalks Sub- Total			5,425.00														
2	W. ALBERTONI	Northside-Broadway to Main	7.00	7.00	49.00								8						
3		Northside-Broadway to Main	5.00	5.00	25.00														
4		Northside-Broadway to Main	6.00	8.00	48.00														
5		Northside-Broadway to Main	8.00	10.00	80.00														
6		Northside-Broadway to Main	4.00	4.00	16.00														
7		Northside-Broadway to Main	10.00	8.00	80.00														
8		Northside-Broadway to Main	8.00	16.00	128.00														
9		Northside-Broadway to Main	4.00	4.00	16.00														
10		Northside-Broadway to Main	7.00	8.00	56.00														
11		Northside-Broadway to Main	4.00	7.00	28.00														
12		Northside-Broadway to Main	4.00	4.00	16.00														
13		Northside-Broadway to Main	8.00	10.00	80.00														
14		Northside-Broadway to Main	8.00	14.00	112.00														
15		Northside-Broadway to Main	4.00	4.00	16.00														
16		Northside-Broadway to Main	8.00	10.00	80.00														
17		Northside-Broadway to Main	8.00	10.00	80.00														
18		Northside-Broadway to Main	4.00	4.00	16.00														
19		Northside-Broadway to Main	8.00	10.00	80.00														
20		Northside-Broadway to Main	8.00	10.00	80.00														
		Sidewalk Sub- Total			1,086.00														
21	E. ALBERTONI	Northside-Main to FWY	2.00	5.00	10.00					1	1								
22		Northside-Main to FWY	8.00	40.00	320.00								8						
23		Northside-Main to FWY	8.00	30.00	240.00												4		
24		Northside-Main to FWY	8.00	72.00	576.00														
25		Northside-Main to FWY	8.00	68.00	544.00														
26		Northside-Main to FWY	8.00	29.00	232.00														
27		Northside-Main to FWY	4.00	4.00	16.00														
28		Northside-Main to FWY	8.00	8.00	64.00														
29		Northside-Main to FWY	5.00	8.00	40.00														
30		Northside-Main to FWY	4.00	4.00	16.00														
		Sidewalk Sub- Total			2,058.00														
31	E. ALBERTONI	Northside-FWY to Avalon	0.00	0.00	0.00					1								7	
32		Northside-FWY to Avalon	0.00	0.00	0.00												5		
33		Northside-FWY to Avalon	0.00	0.00	0.00														
34		Northside-FWY to Avalon	0.00	0.00	0.00														
35		Northside-FWY to Avalon	0.00	0.00	0.00														
36		Northside-FWY to Avalon	0.00	0.00	0.00														
37		Northside-FWY to Avalon	0.00	0.00	0.00														
38		Northside-FWY to Avalon	0.00	0.00	0.00														
39		Northside-FWY to Avalon	0.00	0.00	0.00														
			0.00	0.00	0.00														
40	W. ALBERTONI	Southside-Figueroa to Broadway	5.00	629.00	3,145.00								6						
41						PCC	30.00	8.00	240.00										
42						PCC	30.00	8.00	240.00										
43						PCC	30.00	8.00	240.00										
44						PCC	40.00	6.00	240.00										

CONCRETE RELPACEMENT QUANTITIES FROM FIGUEROA STREET TO AVALON BLVD.

	ADDRESS		Length (L.F.)	Width (L.F.)	Area (S.F.)	CURB & GUTTER (L.F.)	Length (L.F.)	Width (L.F.)	Area (S.F.)	ACCESS RAMP (EA)	Truncated Dom Panel (EA)	CROSS GUTTER (S.F.)	TREE (EA)	LOCAL R&R (S.F.)	COLD MILL F.W./H.C. (S.F.)	OVERLAY AREA (S.F.)	Manhole Cover Street (Each)	Valve, Cover Water Street (Each)	LOOP Detectors (EA)	
			SIDEWALKS						DWY APPROACHS					To Replace	To Remove					
	Street Name	Street Limits: From, To	Measurement			CONCRETE RELATED QUANTITIES								PAVEMENT RELATED QUANTITIES						
									960.00											
45	Right of Entry					Asphalt	30.00	4.00	120.00											
46	Right of Entry					Asphalt	30.00	4.00	120.00											
47	Right of Entry					Asphalt	30.00	4.00	120.00											
48	Right of Entry					Asphalt	40.00	4.00	160.00											
		Sidewalk Sub- Total			3,145.00				520.00											
		TOTAL COMMERCIAL DWY APPROACHES Excluding AC Removal & Replacement areas within Private Properties							960.00											
49	W. ALBERTONI	Southside-Broadway to Main	8.00	15.00	120.00								8							
50		Southside-Broadway to Main	4.00	4.00	16.00															
51		Southside-Broadway to Main	8.00	15.00	120.00															
52		Southside-Broadway to Main	4.00	4.00	16.00															
53		Southside-Broadway to Main	8.00	13.00	104.00															
54		Southside-Broadway to Main	4.00	4.00	16.00															
55		Southside-Broadway to Main	8.00	15.00	120.00															
56		Southside-Broadway to Main	8.00	15.00	120.00															
57		Southside-Broadway to Main	4.00	4.00	16.00															
58		Southside-Broadway to Main	8.00	16.00	128.00															
59		Southside-Broadway to Main	4.00	4.00	16.00															
60		Southside-Broadway to Main	8.00	8.00	64.00															
61		Southside-Broadway to Main	8.00	23.00	184.00															
62		Southside-Broadway to Main	4.00	4.00	16.00															
63		Southside-Broadway to Main	8.00	24.00	192.00															
64		Southside-Broadway to Main	4.00	4.00	16.00															
		Sidewalk Sub- Total			1,264.00															
65	E. ALBERTONI	Southside- Main to Avalon	0.00	0.00						2			6							
66		Southside- Main to Avalon	0.00	0.00																
67		Southside- Main to Avalon	0.00	0.00																
68		Southside- Main to Avalon	0.00	0.00																
69		Southside- Main to Avalon	0.00	0.00																
70		Southside- Main to Avalon	0.00	0.00																
71		Southside- Main to Avalon	0.00	0.00																
72		Southside- Main to Avalon	0.00	0.00																
73		Southside- Main to Avalon	0.00	0.00																
74		Southside- Main to Avalon	0.00	0.00																
75		Southside- Main to Avalon	0.00	0.00																
76		Southside- Main to Avalon	0.00	0.00																
77		Southside- Main to Avalon	0.00	0.00																
78		Southside- Main to Avalon	0.00	0.00																
79		Southside- Main to Avalon	0.00	0.00																
80		Southside- Main to Avalon	0.00	0.00																
		Sidewalk Sub- Total																		
		TOTAL SIDEWALK AREA			12,978.00															

CONCRETE RELPACEMENT QUANTITIES FROM FIGUEROA STREET TO AVALON BLVD.

ADDRESS			Length (L.F.)	Width (L.F.)	Area (S.F.)	CURB & GUTTER (L.F.)	Length (L.F.)	Width (L.F.)	Area (S.F.)	ACCESS RAMP (EA)	Truncated Dom Panel (EA)	CROSS GUTTER (S.F.)	TREE (EA)	LOCAL R&R (S.F.)	COLD MILL F.W./ H.C. (S.F.)	OVERLAY AREA (S.F.)	Manhole Cover Street (Each)	Valve, Cover Water Street (Each)	LOOP Detectors (EA)
			SIDEWALKS				DWY APPROACHS					To Replace	To Remove						
	Street Name	Street Limits: From, To	Measurement			CONCRETE RELATED QUANTITIES								PAVEMENT RELATED QUANTITIES					
77		Southside- Main to Avalon				70.00													
78		Southside- Main to Avalon				70.00													
		TOTAL CURB & GUTTER				140.00		ACCESS RAMPS		4	1	1,260.00		CROSS GUTTER			13.00	7.00	
													46						

ADDRESS		SIDEWALKS						DWY APPROACHES				CONCRETE RELATED QUANTITIES							PAVEMENT RELATED QUANTITIES						
Street Name	Street Limits: From, To	Length (L.F.)	Width (L.F.)	Area (S.F.)	CURB & GUTTER (L.F.)	Length (L.F.)	Width (L.F.)	Area (S.F.)	ACCESS RAMP (EA)	Truncated Dom Panel (EA)	CROSS GUTTER (S.F.)	TREE (EA)	LOCAL R&R (S.F.)	COLD MILL F.W./H.C. (S.F.)	OVERLAY AREA (S.F.)	Manhole Cover Street (Each)	Valve, Cover Water Street (Each)	LOOP Detectors (EA)							
		Measurement																							
1	E. ALBERTONI	4.00	90.00	360.00								2													
2	Northside-Avalon to Central	8.00	96.00	768.00								1													
3	Northside-Avalon to Central					60.00	8.00	480.00																	
4	Northside-Avalon to Central	8.00	450.00	3,600.00								2													
5	Northside-Avalon to Central					30.00	8.00	240.00																	
6	Northside-Avalon to Central	8.00	180.00	1,440.00								4													
7	Northside-Avalon to Central								2																
	Sidewalk Sub- Total			8,168.00																					
8	E. ALBERTONI			0.00		30.00	8.00	240.00					150.00		150.00										
9	Southside- Avalon to OFF Ramp			0.00	H.O-Entry & A.C. R&R	30.00	5.00	150.00																	
10	Southside- Avalon to OFF Ramp	8.00	40.00	320.00								2													
11	Southside- Avalon to OFF Ramp	8.00	20.00	160.00								2													
12	Southside- Avalon to OFF Ramp	8.00	40.00	320.00								2													
13	Southside- Avalon to OFF Ramp	8.00	10.00	80.00								1													
14	Southside- Avalon to OFF Ramp	8.00	10.00	80.00								1													
15	Southside- Avalon to OFF Ramp	10.00	80.00	800.00								3													
16	E. ALBERTONI			1,760.00																					
17	Southside- OFF Ramp to Central			0.00	25.00																				
	Southside- OFF Ramp to Central			0.00	25.00																				
				0.00					1							1	3								
				0.00																					
	Sidewalk Sub- Total																								
	TOTAL SIDEWALK AREA			7,928.00																					
	TOTAL CURB & GUTTER				50.00		ACCESS RAMPS	3	0	0.00			CROSS GUTTER			1.00	3.00								
												20													

TREE REMOVALS LIST

NO	Address		Diameter Shoulder Height (DSH) in Inches			
	Location / N.S. or S.S. / Description	Street Name	UP to 14"	16" to 20"	22" to 26"	Species
	(From Figueroa St. heading East - SOUTH SIDE)					
1	At Figueroa to Broadway:	ALBERTONI	12			
2	At Broadway to Main	ALBERTONI	8			
3	At Main to 91 on ramp	ALBERTONI	10			
4	At 91 onramp to Avalon	ALBERTONI	1			
5	At	ALBERTONI				
6	At	ALBERTONI				
7	At	ALBERTONI				
8	At	ALBERTONI				
9	At	ALBERTONI				
10	At	ALBERTONI				
11	At	ALBERTONI				
12	At	ALBERTONI				
13	At	ALBERTONI				
	(From Figueroa St. heading East - NORTH SIDE)					
14	At Broadway to Figueroa	ALBERTONI	6	1		
15	17510 Broadway (on Albertoni)	ALBERTONI	3			
16	111 W Albertoni	ALBERTONI	4			
17	155 E Albertoni	ALBERTONI		1		
18	At	ALBERTONI				
19	At	ALBERTONI				
20	At	ALBERTONI				
21	At	ALBERTONI				
22	At	ALBERTONI				
23	At	ALBERTONI				
24	At	ALBERTONI				
25	At	ALBERTONI				
26	At	ALBERTONI				
	TOTAL		44	2		

Exhibit No. 2

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TREE REMOVALS LIST

NO	Address		Diameter Shoulder Height (DSH) in Inches			
	Location / N.S or S.S. / Description	Street Name	UP to 14"	16" to 20"	22" to 26"	Species NOTES
	(From Avalon Blvd. heading East - SOUTH SIDE)					
1	At 767 Albertoni	ALBERTONI	3			
2	At 649 Albertoni	ALBERTONI	2			
3	At 637 Albertoni	ALBERTONI	1			
4		ALBERTONI	4			
5	At	ALBERTONI				
6	At	ALBERTONI				
7	At	ALBERTONI				
8	At	ALBERTONI				
9	At	ALBERTONI				
10	At	ALBERTONI				
11	At	ALBERTONI				
12	At	ALBERTONI		2		
13	At	ALBERTONI				
	(From Avalon Blvd. heading East - NORTH SIDE)					
14		ALBERTONI		2		
15		ALBERTONI		1		
16		ALBERTONI		1		
17		ALBERTONI		4		
18		ALBERTONI				
19		ALBERTONI				
20		ALBERTONI				
21		ALBERTONI				
22		ALBERTONI				
23		ALBERTONI				
24		ALBERTONI				
25		ALBERTONI				
26		ALBERTONI				
	TOTAL		10	10		

Exhibit No. 2

LOOP DETECTOR QUANTITIES & LOCATIONS

Location:		Ownership	Maintenance Responsibility	Traffic Signal Loop Count (Albertoni only)*		
				Queue + Left Type E	Bike Type D	Advance Type E
Albertoni	Figureoa	50% City of LA / 50% Carson	City of LA	2	2	4
Albertoni	Broadway	100% Carson	City of Carson	10	6	4
Albertoni	Main	100% Carson	City of Carson	6	2	4
Albertoni	91 Fwy	100% Caltrans	Caltrans	8	?	?
Albertoni	Avalon	100% Carson	City of Carson	12	8	6
						74

* Install loops 2' behind crosswalk line. Also make sure that the City Traffic Engineer has approved cat tracking for new crosswalk lines prior to TS loop installation.