

Attachement 5

	CIP Projects: Projected Hours Demand for Each Project By Year (Current through FY 2020/21)	Previous Year(s) or Current Year	2017/18	2018/19	2019/20	2020/21
	WATER PROJECTS					
1	Utility Radio Telemetry	230				
2	Peck Ground Level Reservoir Replacement	710	1620			
3	Larsson Street Booster Station Improvement	450				
4	Areas 5, 6 & 7 Pipe Replacement & Fire Hydrant Installation	535				
5	Block 35 Elevated Tank Rehab/Painting	350				
6	Block 35 Ground Level Reservoir Replacement		200	1200	100	
7	Redrill & Equip Well 15	100	200			
8	Chloramination System at Wells 11 & 15	200				
9	Well Collection line From Well 11A to Block 35		100	350	100	
10	Water Meter Upgrade and Automation	100				
11	Water Meter Upgrade and Automation		100			
12	Water Main Replacement		535			
13	Water Main Replacement			535		
14	Water Main Replacement				535	
15	Water Main Replacement					535
16	Water Master Plan			300		
17	Other Projects TBD			1700	3000	3000
	WASTEWATER PROJECTS					
18	Wastewater Master Plan Update					300
19	Utility Radio Telemetry (combined with water project)	0				
20	Pier Lift Station Upgrade and Force Main Replacement		300			
21	13th Street Sewer Main Replacement	50				
22	Repair/Replacement in Area 4 Rehabilitation of Sewer Mains	535				
23	Main Repairs -Areas 5, 6 & 7	170	460			
24	Poinsettia Lift Station Replace. and Force Main Replace.	150	500			
25	Pacific Lift Station Upgrade and Force Main Replace.		650			
26	Voorhees Lift Station Upgrade and Force Main Replacement			650		
27	Meadows Lift Station Upgrade and Force Main				650	
28	Palm Lift Station Upgrade and Force Main Replacement					650
29	Main Repair/Replacement		535			
30	Main Repair/Replacement			535		
31	Main Repair/Replacement				535	
32	Main Repair/Replacement					535
	STORMWATER PROJECTS					
33	Catch Basin Inserts	220				
34	Catch Basin Inserts		220			
35	Catch Basin Inserts			220		
36	Catch Basin Inserts				220	
37	Catch Basin Inserts					220
38	Storm Drain Repairs	500				
39	Storm Drain Repairs			500		
40	Storm Drain Repairs				500	
41	Storm Drain Repairs					500
42	Storm Drain Master Plan		300			
	STREETS / TRANSPORTATION					
43	Sepulveda Bridge	200	1500	1300		
44	Street Resurfacing Project: Liberty Village	330				
45	Street Resurfacing Project: MBB (Sepulveda to Aviation) & Crosswalk	450				
46	Raised Median Construction: MBB, west of Aviation	70				
47	Street Resurfacing Project: Oak, Redondo, & 11th	125				
48	Street Resurfacing Project: 1100 block of 3rd St.	200				
49	Street Resurfacing Project: Blanche, Marine, & 27th	50	250			
50	Street Resurfacing Project: Rosecrans (Sepulveda to Redondo)	450				
51	Street Resurfacing Project: Marine (Sepulveda to Aviation)	300				
52	Sepulveda Blvd. & 8th St Intersection Improvements	220				
53	Sepulveda Intersection Improvements (Rosecrans, 33rd, Cedar, 14th & 2nd)	100	450			
54	Manhattan Ave./Highland Ave. Improvements (1st-8th)	300				
55	Aviation at Artesia, SB to WB Right-Turn Lane	350				
56	Morningside Drive Rehabilitation (10th Pl to MBB)	150				
57	Dual Left-Turn Lanes on MBB at Sepulveda EB, NB, WB	500				
58	Protected Left-Turns: Manhattan Beach Blvd at Peck Ave	200				
59	Signalized Crosswalk: MBB @ Traget Driveway	100				
60	Downtown Streetscape:16 Traffic Signal Pole Replacement	500				

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61	Traffic Signal Preemption Devices	25				
62	Traffic Signal Preemption Devices		25			
63	Traffic Signal Preemption Devices			25		
64	Live Oak Tennis Office Fiber Connectivity via Joslyn Center	105				
65	Field Netting at Dorsey, Live Oak and Manhattan Heights	300				
66	Strand Stairs: Construction	400				
67	Pedestrian Crossing Improvements at 38th Street/Highland	300				
68	Traffic Devices at 38th Street/Highland (combined with above)	0				
69	Ped. Crossing Beacons /Highland at 34th, 35th and 36th	300				
70	22 Intersection Pedestrian Improvements	350				
71	Cycle 3 Safe Routes to School Program	350				
72	Cycle 10 Safe Routes to School Program	350				
73	Parkview Sidewalk Project	120				
74	Ocean Drive Walkstreet Crossings			80	180	
75	Rosecrans Ave Bike Lane Installation at Sepulveda	145				
76	Strand Bikeway Pier Undercrossing					250
77	Non-Motorized Trans Project: Crosswalks, Bike Lanes		200			
78	Non-Motorized Trans Project: Crosswalks, Bike Lanes			200		
79	Non-Motorized Trans Project: Crosswalks, Bike Lanes				200	
80	Non-Motorized Trans Project: Crosswalks, Bike Lanes					200
81	CDBG Access Ramp Construction Project	200				
82	CDBG Access Ramp Construction Project		200			
83	CDBG Access Ramp Construction Project			200		
84	CDBG Access Ramp Construction Project				200	
85	CDBG Access Ramp Construction Project					200
86	Annual Curb, Gutter and Ramp Replacement Project	180				
87	Annual Curb, Gutter and Ramp Replacement Project		180			
88	Annual Curb, Gutter and Ramp Replacement Project			180		
89	Annual Curb, Gutter and Ramp Replacement Project				180	
90	Annual Curb, Gutter and Ramp Replacement Project					180
91	Annual Slurry Seal Project	300				
92	Annual Slurry Seal Project		300			
93	Annual Slurry Seal Project			300		
94	Annual Slurry Seal Project				300	
95	Annual Slurry Seal Project					300
96	Sepulveda/Oak Neighborhood Intrusion Study	80				
97	Triennial Pavement Management System Update		75			
98	Triennial Pavement Management System Update					75
99	Sepulveda Blvd Multimodel Steetscape Plan	150				
100	Signal Battery Back-Up Installation	25				
101	Veterans Parkway Pedestrian Access Master Plan	70				
	FACILITIES, STUDIES and OTHER					
102	Fiber Master Plan Support	150				
103	Park Master Plan Support	100				
104	Wayfinding Sign Program Study	50				
105	Fire Station 1 Diesel Exhaust Removal System	75				
106	Fire Station 2 Design Development	455				
107	Mmgt Services Welcome Center & Restroom Remodel	250				
108	CommDev Office: 2 New Work Stations/Front Counter Mod.	100				
109	Human Resources Offices Reconfiguration & Improvements	200				
110	Engineering Division Space Planning	200				
111	Pier Improvements (Roundhouse, Water, Sewer)	800	700			
112	Veterans Parkway - Landscape/Hardscape Project	165				
113	Skate Spot	50				
114	Ceramics Studio Renovation	200				
115	Village Field Replacement Turf	50	300			
116	Begg Field Synthetic Turf & Light Fixture Replacment	50	350			
117	Marine Ave Park Baseball Field Synthetic Turf	50	300			
118	Replace Light Fixtures at Manhattan Village Field	100				
119	New Fitness Station & Surfacing at Miraposa Fitness Station	230				
120	City-Owned Refuse Enclosure Improvements: Design	100				
121	Facility Improvements	700				
122	Facility Improvements		1800			
123	Facility Improvements			1800		
124	Facility Improvements				1800	

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125	Facility Improvements					1800
126	Deferred Maintenance	250				
127	Deferred Maintenance		500			
128	Deferred Maintenance			500		
129	Deferred Maintenance				500	
130	Deferred Maintenance					500
	PARKING PROJECTS					
131	#2 Parking Structure Structural Rehabilitation/Reinvestment	500				
132	North Manhattan Beach BID Streetscape*	50				
133	Pier Lot Safety Lighting	75				
134	Lot 1 Retaining Wall (10th & Bayview)	150				
135	Downtown Parking Facility Capital Investment Plan		50			
136	Downtown Parking Structure Rehab #3			1500		
137	El Porto Parking Structure Rehab #4				500	
138	Intelligent Parking Occupancy System (Lots 2, 3 & M)			65	65	
	Total Hours	17,745	12,900	12,140	9,565	9,245

Blue: Active Projects
Black: Inactive and/or Upcoming
Red: Need to be added to CIP

Total CIP NEED: 61,595 Hours Over 5 Years