

**CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE**

Date: March 13, 2015

To: Honorable Council Members

From: 
Gary Lee Moore, City Engineer
Bureau of Engineering

Subject: **CITY SIDEWALK REPAIR PROGRAM STATUS UPDATE NO. 1
(COUNCIL FILE 14-0163-S4)**

This document is prepared in response to the CF 14-0163-S4 relative to the City Sidewalk Repair Program.

Specifically, Council instructed the Bureau of Engineering (BOE) to report back on the status of implementation of the Sidewalk Repair Program, including any required policies, hiring of employees, utilization of contractors and amount of sidewalk repairs completed.

Program Progress

On February 3, 2015, the City Council approved implementation of a FY 2014-2015 Sidewalk Repair Program for repair of sidewalks adjacent to City facilities. BOE was established as the Program Manager.

A kickoff meeting was held on February 9, 2015, and subsequent meetings have been held on a weekly basis. The meetings are well attended and include the Mayor's Office, Board of Public Works (BPW), Bureau of Contract Administration (BCA), Bureau of Street Lighting (BSL), Bureau of Street Services (BSS), City Administrative Officer (CAO), Chief Legislative Analyst (CLA), Department of Recreation and Parks (RAP) and the Department of Transportation (DOT). BOE appreciates the participation and collaborative efforts that have taken place to start the Program, and the cooperation has allowed us to accomplish a great deal in a relatively short time frame.

On February 10, 2015, BOE immediately began assessment of the list of City Facilities that were provided by each Department as requested by the CAO. As a result of the initial assessments, it was determined that the following scope would be included in this Program:

- Replacement or Grinding of Sidewalks
- Replacement or Installation of Curb Ramps
- Tree Root Pruning and Canopy Thinning
- Identification of Trees Recommended to be Replaced
- Expansion of Tree Wells
- Utility Relocations

BOE considered various contracting options available for use in completing the work quickly. This expedited repair method consists of the following steps:

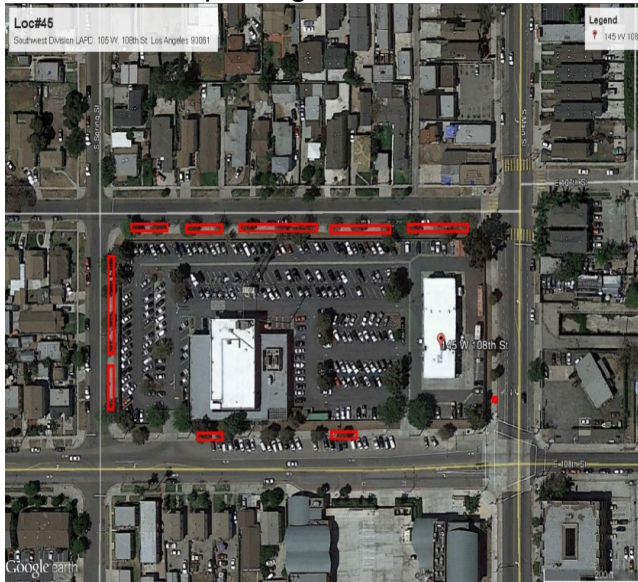
- Using online street view prior to field visits



- Assess, paint and measure sites



- Assemble bid packages



SCHEDULE OF WORK AND PRICES					
City of Los Angeles - Department of Public Works - Bureau of Engineering					
Loc: 166					
CD 13 Las Palmas Senior Citizen Center					
1820 . Las Palmas Ave. Los Angeles, CA 90028					
3/3/2015					
BID ITEM	DESCRIPTION	UNIT	Quantity	Unit Price	ITEM TOTAL
1	TRAFFIC CONTROL	LS	1	\$ -	\$ -
2	PERMITS	LS	1	\$ -	\$ -
3	TEMPORARY DRAINAGE INLET PROTECTION	LS	1	\$ -	\$ -
4	REMOVE CONCRETE	SF	2230	\$ -	\$ -
5	REMOVE CONCRETE CURB	LF	25	\$ -	\$ -
6	REMOVE CONCRETE CURB AND GUTTER	LF		\$ -	\$ -
7	STREET SIGN (REMOVE & REINSTALL)	EA	3	\$ -	\$ -
8	REMOVE DRIVEWAY	SF	310	\$ -	\$ -
9	TREE ROOT PRUNING (PER TREE)	EA	4	\$ -	\$ -
10	TREE CANOPY PRUNING (PER TREE)	EA	4	\$ -	\$ -
11	INSTALL ROOT CONTROL BARRIER	EA	4	\$ -	\$ -
12	REPAIR EXISTING IRRIGATION SYSTEM	LS		\$ -	\$ -
13	CONCRETE SIDEWALK	SF	2230	\$ -	\$ -
14	CONCRETE CURB	LF	25	\$ -	\$ -
15	CONCRETE CURB AND GUTTER	LF		\$ -	\$ -
16	BRICK PAVERS	SF		\$ -	\$ -
17	PATTERNED/DECORATIVE CONCRETE	SF		\$ -	\$ -
18	CONCRETE DRIVEWAY	SF	310	\$ -	\$ -
19	ASPHALT CONCRETE	SF		\$ -	\$ -
20	CONCRETE CURB RAMP	EA	2	\$ -	\$ -
21	CURB RAMP DETECTABLE WARNING SURFACE	EA		\$ -	\$ -
22	CONCRETE GRINDING	LS		\$ -	\$ -
23	PLAQUES (REMOVE & REINSTALL)	EA		\$ -	\$ -
24	PARKING METER (REMOVE & REINSTALL)	EA		\$ -	\$ -
25	BIKE RACK (REMOVE & REINSTALL)	EA		\$ -	\$ -
26	BUS STOP BENCH (REMOVE & REINSTALL)	EA		\$ -	\$ -
27	ADJUST WATER METER TO GRADE	EA	2	\$ -	\$ -
28	ADJUST UTILITY VAULT TO GRADE	EA		\$ -	\$ -
29	ADJUST UTILITY MANHOLE TO GRADE	EA		\$ -	\$ -
30	ADJUST UTILITY PULLBOX TO GRADE	EA	1	\$ -	\$ -
TOTAL BID AMOUNT: \$				\$	\$ -

- Utilize Various Contracting Methods
 - RAP Park Facility Construction Contracts
 - BOE Emergency Pre-Qualified On-Call Geotechnical/Structural Contractors On-Call List
 - Office of Community Beautification Contracts
 - Potential outside non-profit partners such as the Los Angeles Neighborhood Initiative (LANI)
 - Force Account Crews from City Departments such as BSS

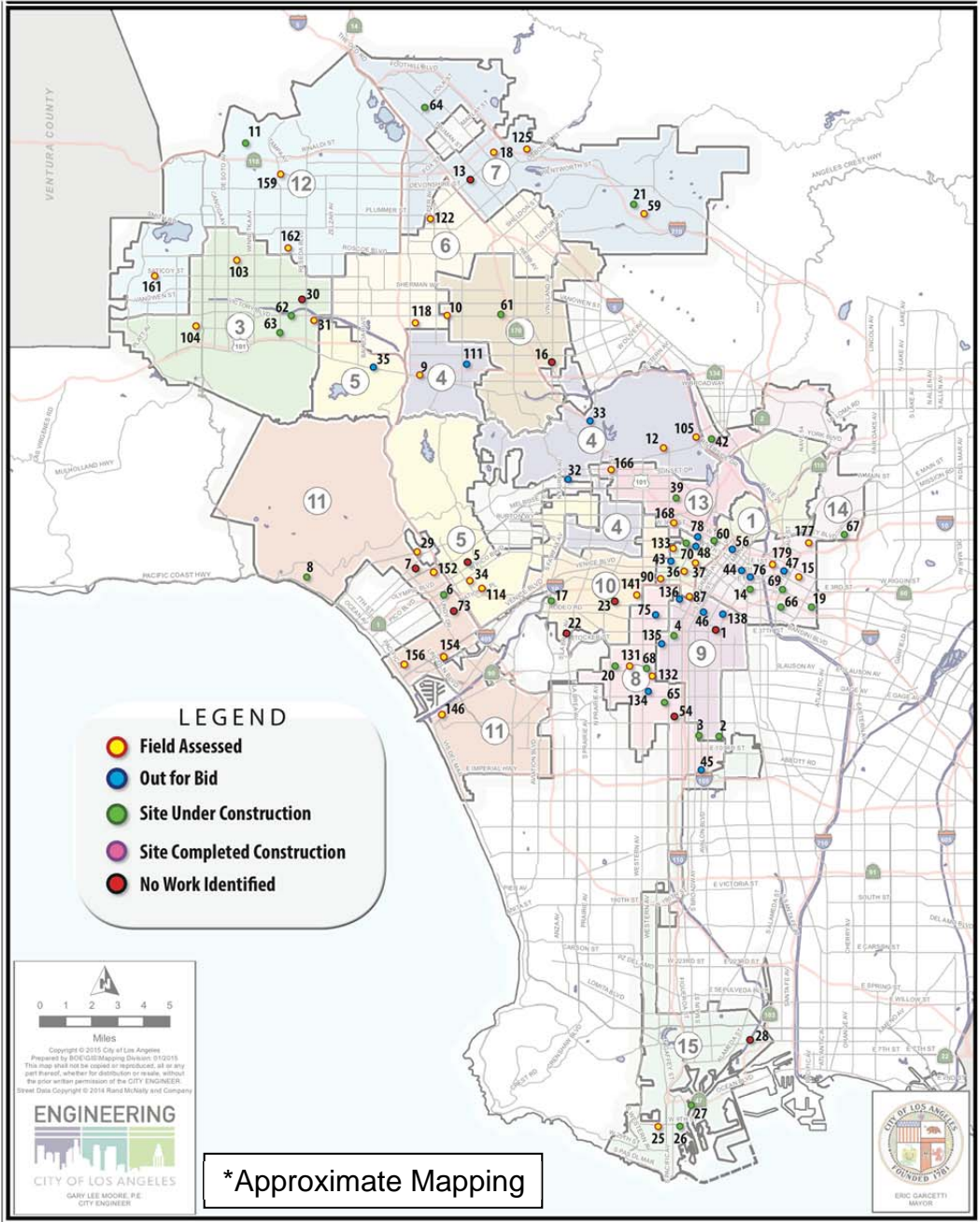
- Issue Notice to Proceed (NTP) and Construct

BOE is creating a Geographical Information System (GIS) map layer in NavigateLA for sidewalk locations using the initial list from the CAO, and will continue to add to the list any time new City Facility sites are reported. Please see below table for status of progress:

Progress as of March 12, 2015	Totals
Sites Identified (Council Controlled/Semi-Proprietary)	197
Sites Assessed	100
Sites Remaining for Assessment	97
Sites Requiring Repairs	90
Sites Not Requiring Repairs	10
Sites With Notice to Proceed (NTP) Issued	28
Estimated Construction Cost	\$2,070,340
Square Feet of Sidewalk	137,958

For a complete list of the 197 identified City Facility sites, please refer to Attachment 1. Below is an approximate mapping of most of the sites that have been assessed.

City of Los Angeles Sidewalk Repair Program
CITY FACILITY SITES *



Construction Progress Photos



Demolished Sidewalk
CD 3 – Reseda Park & Recreational
Center



Demolished Sidewalk
CD 3 – Reseda Park & Recreational
Center



Forming for Concrete Placement
CD 11 – West LA Municipal Building



New Sidewalk
CD 11 – West LA Municipal Building

Program Challenges

Clear, unobstructed sidewalk repair work is manageable; however this is often not what is encountered in an urban environment such as our City. Initial inspections reveal that sidewalk repairs present several challenges. The following is a summary of some of the key findings:

1. **Tree Root Damage** – Our field assessments indicate that the leading cause of damage in sidewalks is by root propagation from adjacent trees which uplift and crack the sidewalks. Tree roots can be pruned to accommodate new sidewalk construction; however future root regrowth may again damage the sidewalk. Tree replacement may be required if the root pruning compromises the tree’s structural stability and its ability to thrive or if it is determined that root regrowth may cause repeated damage to the new sidewalk in a short period of time. Following are photos of tree root damage encountered.



CD 14 - El Pueblo De Los Angeles



CD 14 - Boyle Heights Sports Center



CD 1 – Hoover Recreation Center



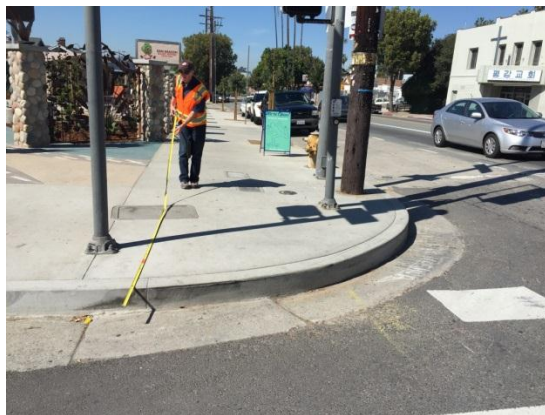
CD 14 – Central Police Station

The goal is to preserve trees wherever feasible. Each tree must be individually assessed and the team is working with the BSS and an independent arborist to determine when root pruning can be performed to allow the sidewalk repair work to proceed. Root pruning is likely to require commensurate crown pruning.

Whenever sidewalks are replaced adjacent to trees, the tree wells shall be enlarged to the City's current standard size (4'x6') to provide room for root expansion.

- Utility Interferences with Sidewalk and Curb Ramp Installation** – Several utilities such as street lights, traffic signal poles, traffic signal vaults and utility vaults were observed in curb ramps and sidewalks. Installation or repair of sidewalks or curb ramps will require relocation of these utilities, which can add cost and time. Relocation will require a survey and detailed design as well as extensive coordination with the utility companies. These locations will take time to analyze, investigate, design and construct.

Another major challenge with curb ramp installation is the fact that there is often not enough space to install a standard plan curb ramp. Curb ramps often need to be custom designed to fit the available geometry of the intersection. The following photos exhibit the typical circumstances encountered during field assessments.



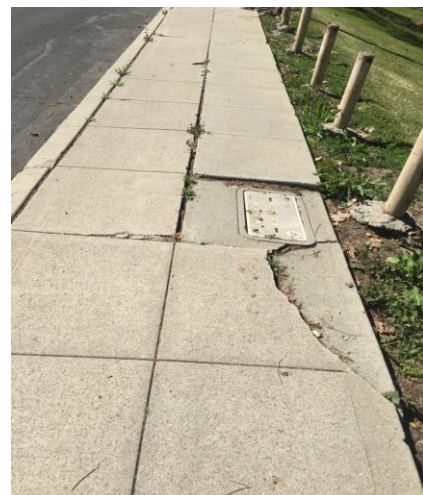
CD 14 - York Park (No Curb Ramp)



CD 14 - Central LAPD



CD 12 - Porter Ranch Library



CD 14 – Hermon Park

- 3. **Decorative Paving** – Some areas in the City have decorative paving, particularly in historical areas and business districts. Decorative paving makes replacement complicated, as the materials used at these locations are costly and may be difficult to procure.



CD 15 - San Pedro Municipal Building

- 4. **Curb and Gutter** – There are instances where the existing curb and gutter require repair. A contributing factor to the damage at these locations is often tree root propagation. Typically the adjacent sidewalk is damaged and requires repair in conjunction with the curb and gutter. It is necessary to replace the damaged sidewalk and the curb and gutter to allow proper alignment of the new construction. Curb and gutter repair requires street design work, which adds cost and time to the sidewalk repair.



CD 14 - Hermon Park



CD 5 - Cheviot Hills Park & Rec Center

Loaned Staffing and Consultants

The following is an approximate number of loaned staff and consultants currently working on the program:

Sidewalk Repair Program Staffing	
Agency	Full Time Equivalents (FTE's)
Bureau of Engineering	3
Bureau of Engineering Consultants	8
Bureau of Street Services	1
Bureau of Contract Administration	4
Department of Recreation and Parks	7
Program Staffing	23

Next Steps – Looking Ahead

The focus this first month has been to address the primary objective of initiating sidewalk repairs quickly and efficiently which is reflected in this report. Moving forward, there are a number of additional areas of focus that will be addressed and included in future status reports:

1. Opportunities to Include Sustainable Elements
2. Necessary Policy Decisions such as Tree Replacements
3. Utility Relocation Staffing and Funding Needs
4. Optimal Long-Term Contracting Methods

Attachment – Listing of Sidewalk Repair Program City Facility Sites

cc: Greg Good, Director of Infrastructure, Mayor's Office
Kevin James, President, BPW
Matt Szabo, Commissioner, BPW
Miguel A. Santana, CAO
Sharon M. Tso, CLA
Ed Ebrahimian, Director, BSL
Marcie L. Edwards, General Manager, DWP
Michael Shull, Director, RAP
Nazario Saucedo, Director, BSS
John L. Reamer, Inspector of Public Works, BCA



City of Los Angeles Sidewalk Repair Program
Bureau of Engineering - Program Manager
197 Sites



CD No.	Site No.	Site Name	Inspected	Repairs Required		Notice to Proceed (NTP) Issued
				Y	N	
1	36	Pico Union - Library	✓	✓		
1	37	Frida Kahlo Theatre	✓	✓		
1	38	Arroyo Seco Park				
1	42	Cypress Rec	✓	✓		2.19.2015
1	48	St. Barnabas Multipurpose Senior Center	✓	✓		
1	60	MacArthur Park	✓	✓		2.10.2015
1	78	Rampart LAPD	✓	✓		
1	79	Deb's Park				
1	80	Echo Deep Pool				
1	81	Elysian Valley Recreation Center				
1	82	Elysian Park				
1	83	Everret Park				
1	84	Glassell Park Recreation Center and Youth Center				
1	86	Highland Sr. Center				
1	87	Hoover Recreation Center	✓	✓		
1	88	Lincoln Heights Rec. Center				
1	89	Montecito Rec				
1	90	Normandie Park & Recreation Center	✓	✓		
1	91	Ramona Hall				
1	92	Sycamore Grove Park				
2	16	North Hollywood Library	✓		✓	
2	49	Studio City - Library				
2	61	Valley Glen Community Park	✓	✓		2.10.2015



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Bureau of Engineering - Program Manager
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CD No.	Site No.	Site Name	Inspected	Repairs Required		Notice to Proceed (NTP) Issued
				Y	N	
2	93	Hartland Mini Park				
2	94	Moorepark				
2	95	Studio City Recreation Center				
2	96	Tiara St. Park				
2	97	Tujunga Greenbelt Park				
2	98	Valley Plaza Rec				
2	99	Woodbridge Park				
3	30	Canoga Park - Library	✓		✓	
3	31	West Valley Library	✓	✓		
3	62	Reseda Park & Recreation Center	✓	✓		2.10.2015
3	63	Tarzana Recreation Center	✓	✓		2.10.2015
3	100	Lanark Park				
3	101	Parthenia Park				
3	102	Warner Park				
3	103	Winnetka Recreation Center	✓	✓		
3	104	Woodland Hills Recreation Center	✓	✓		
4	9	Sherman Oaks Library	✓	✓		
4	12	Los Feliz Library	✓	✓		
4	32	De Longpre Park	✓	✓		
4	33	El Paseo De Cahuenga Park	✓	✓		
4	74	Hollywood LAPD				
4	105	Entrance of Los Feliz and River	✓	✓		
4	106	Friendship Auditorium				



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CD No.	Site No.	Site Name	Inspected	Repairs Required		Notice to Proceed (NTP) Issued
				Y	N	
4	107	Griffith Park Adult Community Center				
4	108	Griffith Recreation Center				
4	109	LA Shares				
4	111	Van Nuys Sherman Oaks War Memorial Park	✓	✓		
4	112	Wattles Park				
5	5	Robertson Library	✓		✓	
5	34	Cheviot Hills Recreation Center	✓	✓		
5	35	Encino Park	✓	✓		
5	113	Libbit Park				
5	114	Palms Park	✓	✓		
5	115	Robertson Recreation Center				
5	116	Sepulveda Basin Recreation Area				
6	10	Marvin Braude San Fernando Valley Constituent Center	✓	✓		
6	117	Balboa Park & Lake Balboa				
6	118	Delano Park	✓	✓		
6	119	Fernangeles Park				
6	120	Louise Park				
6	121	Panorama Rec Center				
6	122	Tobias Park	✓	✓		
7	13	Pacoima Neighborhood City Hall	✓		✓	
7	18	Lake View Terrace Library	✓	✓		
7	21	Sunland-Tujunga Municipal Building	✓	✓		2.19.2015
7	59	Howard Finn Park	✓	✓		



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CD No.	Site No.	Site Name	Inspected	Repairs Required		Notice to Proceed (NTP) Issued
				Y	N	
7	64	Sylmar Recreation Center	✓	✓		2.10.2015
7	123	David M. Gonzales Recreation Center				
7	124	Hubert H. Humphrey Memorial Recreation Center				
7	125	Kagel Canyon Park	✓	✓		
7	126	Brand Park				
7	127	Ritchie Valens				
7	128	Sepulveda Recreation Center				
7	129	Stonehurst Park				
7	130	Sunland Park & Recreation Center	✓	✓		
8	20	Angeles Mesa Library	✓	✓		2.19.2015
8	45	Southeast LAPD	✓	✓		
8	54	Mark Ridley-Thomas	✓		✓	
8	65	Van Ness Recreation Center	✓	✓		2.10.2015
8	68	Mt. Carmel Recreation center	✓	✓		2.10.2015
8	75	Southwest LAPD	✓	✓		
8	131	Chesterfield Square Park	✓	✓		
8	132	Jackie Tatum Harvard Recreation Center	✓	✓		
8	133	LA High Memorial Park	✓	✓		
8	134	St. Andrews Recreation Center	✓	✓		
9	1	South Central Ave. Constituents Services Center	✓		✓	
9	2	Vernon Branch Library	✓	✓		2.19.2015
9	3	Junipero Serra Library	✓	✓		2.19.2015
9	4	Vermont Square Library	✓	✓		2.19.2015



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Bureau of Engineering - Program Manager
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CD No.	Site No.	Site Name	Inspected	Repairs Required		Notice to Proceed (NTP) Issued
				Y	N	
9	46	Newton LAPD	✓	✓		
9	57	LA Convention Center				
9	135	Vermont Square Park	✓	✓		
9	136	Julian C. Dixon Park	✓	✓		
9	137	Gilbert Lindsay Recreation Center				
9	138	Trinity Recreation Center	✓	✓		
9	139	Central Park Recreation Center				
9	140	109th St Recreation Center				
10	17	Baldwin Hills Library	✓	✓		2.19.2015
10	22	Vision Theater - Cultural Affairs	✓		✓	
10	23	William Grant Still Art Center	✓		✓	
10	43	Pio Pico / Koreatown Library	✓	✓		
10	52	CD10 Constituent Service Center				
10	70	Lafayette MPC	✓	✓		2.10.2015
10	141	Benny H. Potter West Adams Avenues Memorial Park	✓	✓		
10	142	Queen Anne Recreation Center				
10	143	Vineyard Recreation Center				
10	144	Leimert Plaza Park				
11	6	West Los Angeles Municipal Building	✓	✓		2.19.2015
11	7	City of Los Angeles Public Works	✓		✓	
11	8	Palisades Library	✓	✓		2.19.2015
11	29	Felicia Mahood MPC - Aging				2.19.2015
11	71	ARTX Facility LAPD				



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Bureau of Engineering - Program Manager
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CD No.	Site No.	Site Name	Inspected	Repairs Required		Notice to Proceed (NTP) Issued
				Y	N	
11	72	Pacific LAPD				
11	73	West LA LAPD				
11	145	Culver-Slauson Park				
11	146	Del Rey Lagoon Park	✓	✓		
11	148	Mar Vista Recreation Center				
11	149	Oakwood Community Center				
11	150	Ohio & Bundy Triangle Park				
11	151	Penmar Recreation Center				
11	152	Stoner Recreation Center	✓	✓		
11	153	Temescal Canyon				
11	154	Venice Recreation Swimming Pool	✓	✓		
11	155	Westchester Municipal Building				
11	156	Westminister Off-Leash Dog Park	✓	✓		
12	11	Porter Ranch Library	✓	✓		2.19.2015
12	157	Castle Peak Park				
12	158	Chatsworth Park North				
12	159	Mason Park	✓	✓		
12	160	Shadow Ranch				
12	161	Taxco Trails Park	✓	✓		
12	162	Robert M Wilkinson Multipurpose Senior Citizen	✓	✓		
13	39	Bellevue Recreation Center	✓	✓		2.19.2015
13	40	Echo Park Lake				
13	41	Chevy Chase Park & Recreation Center				



City of Los Angeles Sidewalk Repair Program
Bureau of Engineering - Program Manager
197 Sites



CD No.	Site No.	Site Name	Inspected	Repairs Required		Notice to Proceed (NTP) Issued
				Y	N	
13	77	Northeast LAPD				
13	163	Glenhurst Park				
13	164	Hollywood Recreation Center				
13	165	Lake Street Community Center				
13	166	Las Palmas Senior Citizen Center	✓	✓		
13	167	Lemon Grove Recreation Center				
13	168	Shatto Recreation Center	✓	✓		
14	14	Main City Hall	✓	✓		2.19.2015
14	15	Benjamin Franklin Library	✓	✓		
14	19	R.L. Stevenson Library	✓	✓		2.19.2015
14	44	Little Tokyo Library	✓	✓		
14	47	International Institute of LA MPC	✓	✓		
14	51	Boyle Heights Neighborhood City Hall				
14	53	Eagle Rock Municipal Building				
14	55	El Sereno Constituent Service Center	✓	✓		
14	56	Fig Plaza	✓	✓		
14	58	El Pueblo de LA Historical Monument	✓	✓		
14	66	Costello Recreation Center	✓	✓		2.10.2015
14	67	El Sereno Recreation Center	✓	✓		2.10.2015
14	173	El Sereno Recreation Center	✓	✓		2.10.2015
14	69	Boyle Heights Sports CENTER	✓	✓		2.10.2015
14	76	Central LAPD	✓	✓		
14	170	Budd Wiener Park				



City of Los Angeles Sidewalk Repair Program
Bureau of Engineering - Program Manager
197 Sites



CD No.	Site No.	Site Name	Inspected	Repairs Required		Notice to Proceed (NTP) Issued
				Y	N	
14	171	Downey Recreation Center Pool				
14	172	Eagle Rock Recreation Center				
14	174	Evergreen Recreation Center				
14	175	Garvanza Park				
14	176	Guardia Park				
14	177	Hazard Park	✓	✓		
14	178	Hermon Park Dog Park	✓	✓		
14	85	Hermon Park	✓	✓		
14	179	Pecan Park	✓	✓		
14	180	Ramon Garcia Recreation Ctr				
14	181	State Street Park				
14	182	Wabash Recreation Center				
14	183	Yosemite Rec.				
14	184	Yucca Recreation Center				
15	24	Watts Tower Complex	✓	✓		
15	25	Warner Theater	✓	✓		
15	26	San Pedro Municipal Bldg.	✓	✓		2.19.2015
15	27	Wilmington Municipal Bldg.	✓	✓		2.19.2015
15	28	East Wilmington Green Belt	✓		✓	
15	50	Watts Library	✓	✓		
15	110	Pacific Region HQ				
15	185	Alma Park	✓	✓		
15	186	Averill Park				



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CD No.	Site No.	Site Name	Inspected	Repairs Required		Notice to Proceed (NTP) Issued
				Y	N	
15	187	Bendini Canyon	✓	✓		
15	188	Daniels Field Sports Center				
15	189	Harbor City	✓	✓		
15	169	Harbor Highlands				
15	190	Harbor View Cemetery				
15	191	Ken Malloy Harbor Regional				
15	192	Lookout Point (South Gaffey Street)				
15	193	Lookout Point (North Gaffey Street)				
15	194	Normandie				
15	195	Point Fermin Park				
15	196	Reynier Park				
15	197	Welcome Park (Paseo Del Mar)				
15	147	Wilders Addition				
		Total:	100	90	10	28