

# Safe, Clean Water (SCW) Program

Energy, Climate Change, and Environmental  
Justice Committee  
June 5, 2018

Motions 18-0384 & 17-0360



Los Angeles  
Department of  
Water & Power

Date: 6/5/18  
Submitted in ECCES Committee  
Council File No: 18-0384/17-0360  
Item No.: 1 & 2  
Deputy: Adam R. Lid

# LASAN WATERSHED PROTECTION PROGRAM

## Program elements

- ☐ EWMPs/TMDL compliance
- ☐ Green infrastructure
- ☐ Pollution assessment
- ☐ Scientific studies
- ☐ Low Impact Development
- ☐ Flood protection
- ☐ IC/ID and emergency response
- ☐ Homeless encampments (OHS, CSI, etc.)
- ☐ Public outreach

## Revenue

|                           |                     |
|---------------------------|---------------------|
| SPAF                      | \$28 million/yr     |
| GF                        | \$13 million/yr     |
| Grants                    | \$2 million/yr      |
| Plan review fees          | \$1 million/yr      |
| <b>Annual revenue</b>     | <b>\$44 million</b> |
| Proposition O (2004-2021) | \$500 million       |

## WPP COMPLIANCE STATUS

### Upper LA River TMDLs

- ☐ Nutrients ●
- ☐ Bacteria, in progress ●
- ☐ Metals, in progress ●
- ☐ Trash ●
- ☐ Echo Park Lake ●

### Ballona Creek TMDLs

- ☐ Trash ●
- ☐ Bacteria, in progress ●
- ☐ Metals, in progress ●
- ☐ Toxics, in progress ●
- ☐ Wetlands ●

### Marina del Rey TMDLs

- ☐ Bacteria, in progress ●
- ☐ Toxics, in progress ●

### Dominguez Channel TMDLs

- ☐ Harbor Bacteria, in progress ●
- ☐ Toxics, in progress ●
- ☐ Machado Lake ●

### Santa Monica Bay TMDLs

- ☐ Bacteria Dry ●
- ☐ Bacteria Wet, in progress ●
- ☐ Debris ●
- ☐ DDTs & PCBs ●



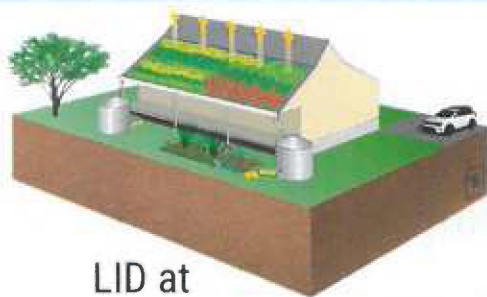
## WPP EWMPs



| Watershed         | Lead   | City compliance cost   |
|-------------------|--------|------------------------|
| Upper LA River    | City   | \$3,820 million        |
| Santa Monica Bay  | City   | \$409 million          |
| Ballona Creek     | City   | \$2,281 million        |
| Dominguez Channel | City   | \$413 million          |
| Marina del Rey    | County | \$251 million          |
| <b>Total</b>      |        | <b>\$7,200 million</b> |



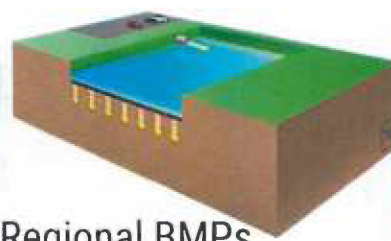
## WPP GREEN STORMWATER INFRASTRUCTURE



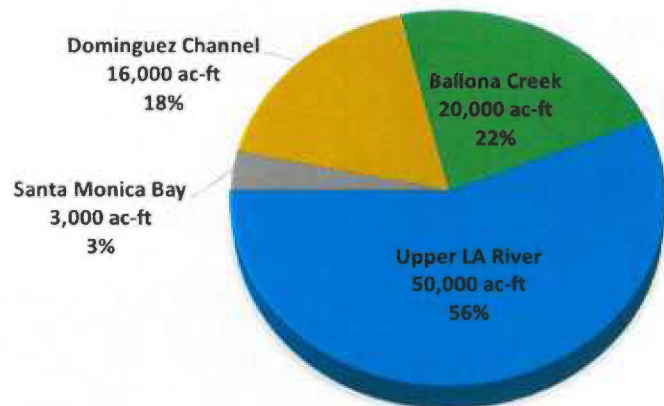
LID at  
parcel level



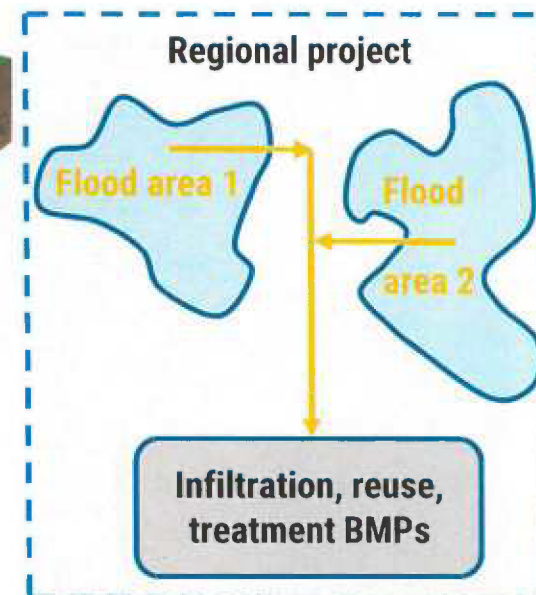
Green Streets  
at street level



Regional BMPs  
at watershed level



Average annual  
stormwater by EWMPs  
of 89,000 ac-ft



# WPP GREEN STORMWATER INFRASTRUCTURE



- **67** Projects Completed
- **26** Projects Under Implementation
- **107,000** Green Acres Managed
- **41,000** Ac-Ft per Year (Estimated Runoff Captured/Infiltrated)
- **\$602 M** Total Project Cost



# WPP INFRASTRUCTURE PLANNING

## EWMPs

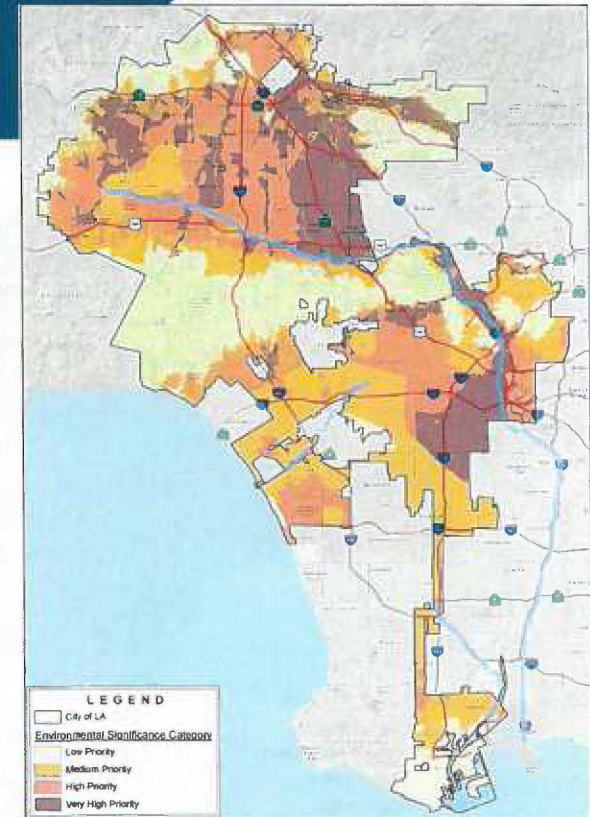
\$7.2 billion  
5 watersheds  
20 years

## Stormwater CIP

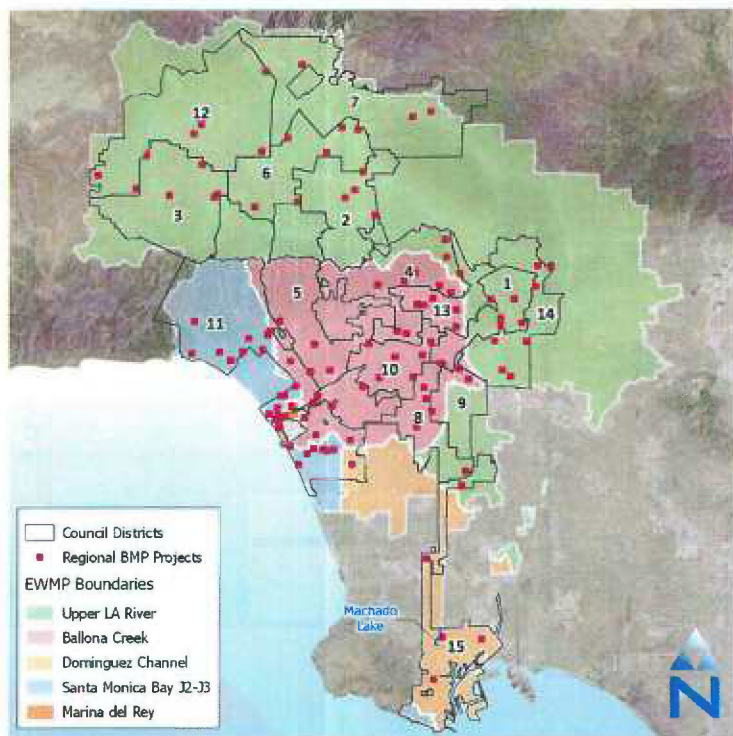
\$3.5 billion  
~450 projects  
5 years

## Prioritized CIP

\$1 billion  
~150 projects  
5 years  
DACs  
Flood protection



# WPP REGIONAL EWMP PROJECTS

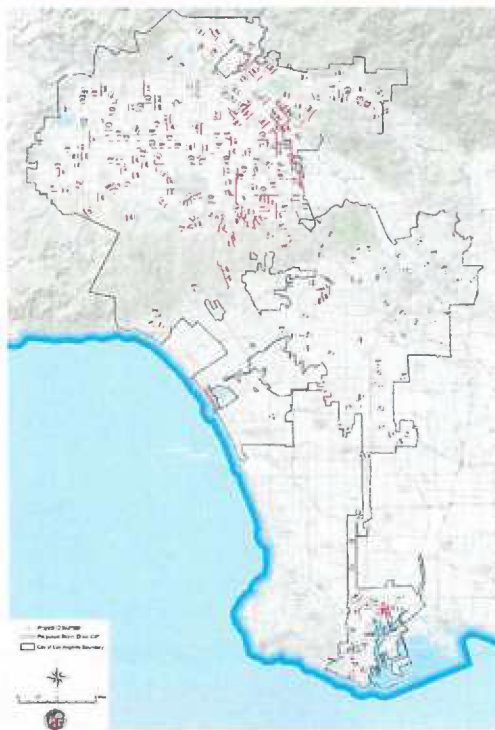


## Rory M. Shaw Wetlands





# WPP FLOOD PROTECTION PRIORITY PROJECTS



- ~ 400 Priority projects
- Ranked for flooding and drainage complaints
- Estimated cost \$826 million



## SAFE, CLEAN WATER PROGRAM GOALS

### Enhanced Water Quality & Compliance

- ☐ Stormwater capture
- ☐ Stormwater treatment
- ☐ Diversion to sewer
- ☐ Pollution control

### Resilient & Local Water Supply

- ☐ Infiltration
- ☐ reuse
- ☐ Conservation

### Enhanced Community Investments

- ☐ Flood protection
- ☐ Environmental justice
- ☐ Ecosystems
- ☐ Local workforce



## SCW TIMELINE

- ❑ 2017: Assembly Bill 1180 (Holden)
- ❑ May 2017: Motion County Supervisors Kuehl and Solis
- ❑ April 12, 2018: Draft SCW Program
- ❑ May 25, 2018: Revised Draft SCW Program
- ❑ June 26, 2018: LA County public hearing
- ❑ November 6, 2018: General election

## SCW FINANCIAL STRUCTURE

### Parcel tax

- ☐ \$0.024 per sq. feet
- ☐ Low income seniors exempt
- ☐ Rebates & incentives

### Annual tax, median

- ☐ SFR parcels – \$80
- ☐ MFR parcels – \$118
- ☐ Condos – \$26

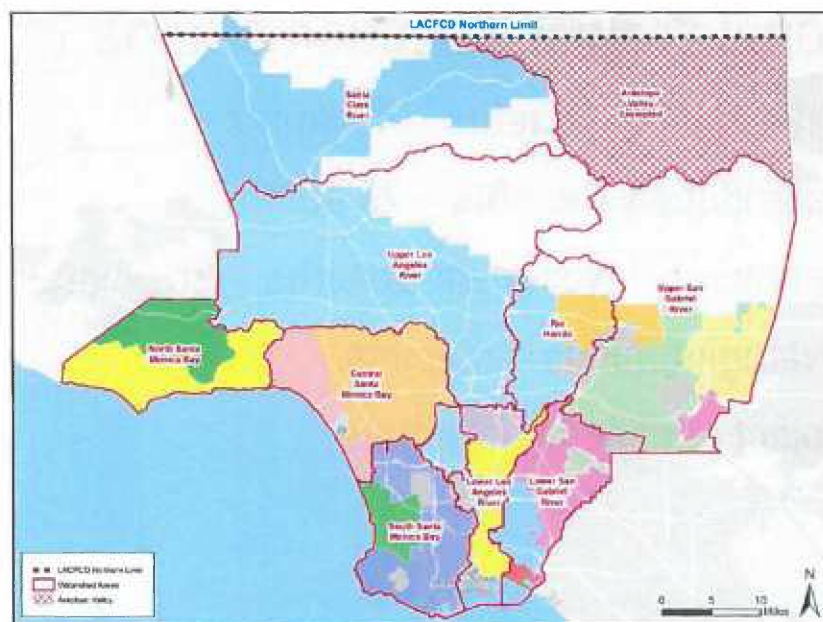
### Revenue allocation

- ☐ District Program – 10%
- ☐ Municipal Program – 40%
- ☐ Regional Program – 50%

|                            |                |
|----------------------------|----------------|
| Annual revenue County-wide | ~\$300 million |
| Annual revenue City-wide   | ~\$100 million |
| Annual return to City      | ~\$90 million  |
| From Municipal Program     | ~\$40 million  |
| From Regional Program      | ~\$50 million  |



## SCW WATERSHED AREAS



| Watershed Area           | Population | City watersheds                                 |
|--------------------------|------------|-------------------------------------------------|
| Central Santa Monica Bay | 1,757,708  | Ballona Creek, Santa Monica Bay, Marina del Rey |
| Lower Los Angeles River  | 895,933    |                                                 |
| Lower San Gabriel River  | 903,045    |                                                 |
| North Santa Monica Bay   | 71,764     | Santa Monica Bay                                |
| Rio Hondo                | 744,634    |                                                 |
| Santa Clara River        | 286,114    |                                                 |
| South Santa Monica Bay   | 1,003,438  | Dominguez Channel                               |
| Upper Los Angeles River  | 2,969,577  | Upper Los Angeles River                         |
| Upper San Gabriel River  | 1,015,552  |                                                 |

## SCW EXPENDITURES AND PROJECT RANKING

### Eligible expenditures

- ☐ Design and construction
- ☐ Operation and maintenance
- ☐ Upgrades of existing projects
- ☐ Scientific and technical studies
- ☐ School education and curriculum, public education, local workforce job training
- ☐ Credit, rebates & incentives programs

### Regional project selection criteria

- ☐ Water Quality Benefits – 45 points
- ☐ Water Supply Benefits – 20 points
- ☐ Community Investment Benefits – 25 points
- ☐ Leveraging funds – 6 points
- ☐ Project readiness – 4 points



# SCW GOVERNANCE

## Governance structure

- ☐ Project Applicant & Project Developer
- ☐ Technical Assistance Team
- ☐ Scoring Committee
- ☐ Watershed Area Steering Committee
- ☐ Regional Oversight Committee
- ☐ County Board of Supervisors

| Member Agency             | Number of seats |
|---------------------------|-----------------|
| Municipality              | 6               |
| LACFCD                    | 1               |
| Water Agency              | 1               |
| Ground Water/Water Agency | 1               |
| Sanitation                | 1               |
| Open Space                | 1               |
| Community Stakeholder*    | 5*              |
| <b>Total</b>              | <b>16</b>       |

\* Includes business, NGOs, CBO, environmental groups, labor

## SCW EQUITY

### Overall SCW Program

- ☐ Tax exemption low income seniors
- ☐ Local and targeted workforce hire policies
- ☐ Small local business

### Municipal Program

- ☐ Maximum flexibility for municipalities

### Regional Program

- ☐ 110% funding return to DACs
- ☐ Assistance for DACs
- ☐ Watershed Coordinators
- ☐ Address local flooding

### District Program

- ☐ Stormwater education, \$25 M/5 yrs
- ☐ Schools education & curriculum
- ☐ Local workforce job training
- ☐ Address local flooding

|                                    |       |
|------------------------------------|-------|
| Regional Program in Watershed Area | \$100 |
| DAC population in Watershed Area   | 40%   |
| Revenue returned to DAC            | 110%  |
| Actual dollars returned to DAC     | \$44  |



## SCW REBATES AND CREDITS (LID)

### Proposed credit structure

- ☐ Water Quality Benefit Credit
- ☐ Water Supply Benefit Credit
- ☐ Community Benefit Credit

→ Total credit not to exceed  
65% of total parcel tax

For capturing runoff from onsite and offsite impervious areas to prevent or reduce the discharge of pollutants to the MS4

For using captured runoff to offset potable water use and/or increase groundwater replenishment

For flood management or mitigating flood risk, creating parks, public recreation, or wetlands, restoring habitats, or greening communities

## RECOMMENDATIONS

1. Work with CLA to prepare and present a support position for SCW Program in coordination with Mayor's Office
2. Collaborate with LACFCD on the finalization of the SCW Program to meet needs and obligations of City
3. Develop and present City-based program delivery model including governance, stakeholder processes, staffing, outreach, and funding
4. Work with BOE and LACFCD to incorporated chronic flooding locations across the City in the proposed SCW Program and LACFCD projects



**City of Los Angeles Stormwater and Green  
Infrastructure 5-Year Capital Improvement Plan  
Within Disadvantaged Communities (DAC)**

| No.                                      | Project Name                                                                     | Watershed | Council District | Total Project Cost | FY 18/19     | FY 19/20      | FY 20/21      | FY 21/22      | FY 22/23      |
|------------------------------------------|----------------------------------------------------------------------------------|-----------|------------------|--------------------|--------------|---------------|---------------|---------------|---------------|
| <b>Upper Los Angeles River Watershed</b> |                                                                                  |           |                  |                    |              |               |               |               |               |
| ULAR-21                                  | North Hollywood EWMP Regional Project 2                                          | ULAR      | 2,4              | \$ 3,516,000       | \$ -         | \$ -          | \$ 359,000    | \$ 940,000    | \$ 2,217,000  |
| ULAR-22                                  | Reseda EWMP Regional Project 2                                                   | ULAR      | 6,7,12           | \$ 7,620,000       | \$ 779,000   | \$ 2,036,000  | \$ 4,805,000  | \$ -          | \$ -          |
| ULAR-36                                  | Northeast Los Angeles EWMP Regional Project 3                                    | ULAR      | 1                | \$ 4,453,000       | \$ -         | \$ 455,000    | \$ 1,190,000  | \$ 2,808,000  | \$ -          |
| ULAR-15                                  | Sun Valley EWMP Regional Project 1                                               | ULAR      | 2,6              | \$ 4,833,000       | \$ 495,000   | \$ 1,291,000  | \$ 3,047,000  | \$ -          | \$ -          |
| ULAR-38                                  | North Hollywood EWMP Regional Project 4                                          | ULAR      | 2,4              | \$ 1,602,000       | \$ -         | \$ 164,000    | \$ 428,000    | \$ 1,010,000  | \$ -          |
| ULAR-50                                  | Van Nuys EWMP Regional Project 3                                                 | ULAR      | 2,4              | \$ 259,000         | \$ -         | \$ -          | \$ 27,000     | \$ 69,000     | \$ 163,000    |
| ULAR-11                                  | Northeast Los Angeles EWMP Regional Project 1                                    | ULAR      | 1,14             | \$ 19,569,000      | \$ 1,433,000 | \$ 6,773,000  | \$ 11,059,000 | \$ 304,000    | \$ -          |
| ULAR-20                                  | Van Nuys EWMP Regional Project 1                                                 | ULAR      | 2,4,6            | \$ 12,259,000      | \$ 1,252,000 | \$ 3,276,000  | \$ 7,731,000  | \$ -          | \$ -          |
| ULAR-64                                  | Reseda Green Street Project 12                                                   | ULAR      | 3,6,12           | \$ 2,712,000       | \$ 277,000   | \$ 725,000    | \$ 1,710,000  | \$ -          | \$ -          |
| ULAR-9                                   | Hooper Ave Greenway Alley                                                        | ULAR      | 9                | \$ 5,000,000       | \$ 511,000   | \$ 1,336,000  | \$ 3,153,000  | \$ -          | \$ -          |
| ULAR-1                                   | North Hollywood Park Project                                                     | ULAR      | 2,6              | \$ 55,173,000      | \$ 4,107,000 | \$ 19,396,000 | \$ 31,670,000 | \$ -          | \$ -          |
| ULAR-53                                  | Northeast Los Angeles Green Street Project 1                                     | ULAR      | 14               | \$ 5,315,000       | \$ 543,000   | \$ 1,420,000  | \$ 3,352,000  | \$ -          | \$ -          |
| ULAR-29                                  | Reseda EWMP Regional Project 3                                                   | ULAR      | 3,12             | \$ 5,518,000       | \$ 563,000   | \$ 1,475,000  | \$ 3,480,000  | \$ -          | \$ -          |
| ULAR-10                                  | San Fernando Rd from Elm St to Eagle Rock Blvd                                   | ULAR      | 1,13             | \$ 4,110,000       | \$ 420,000   | \$ 1,098,000  | \$ 2,592,000  | \$ -          | \$ -          |
| ULAR-2                                   | Chase St. Priority Greenway + Bull Creek Park                                    | ULAR      | 6,12             | \$ 3,070,000       | \$ 314,000   | \$ 820,000    | \$ 1,936,000  | \$ -          | \$ -          |
| ULAR-32                                  | Sun Valley EWMP Regional Project 6                                               | ULAR      | 6,7              | \$ 3,575,000       | \$ 366,000   | \$ 955,000    | \$ 2,254,000  | \$ -          | \$ -          |
| ULAR-59                                  | Arlita Green Streets Project 1                                                   | ULAR      | 6,7              | \$ 3,890,000       | \$ 397,000   | \$ 1,040,000  | \$ 2,453,000  | \$ -          | \$ -          |
| ULAR-7                                   | Boyle Heights Joint Use Community Center                                         | ULAR      | 1,14             | \$ 2,819,000       | \$ -         | \$ -          | \$ 288,000    | \$ 753,000    | \$ 1,778,000  |
| ULAR-55                                  | Southeast Los Angeles Green Street Project 4                                     | ULAR      | 9                | \$ 3,013,000       | \$ 308,000   | \$ 805,000    | \$ 1,900,000  | \$ -          | \$ -          |
| ULAR-34                                  | Canoga Park EWMP Regional Project 2                                              | ULAR      | 3, 12            | \$ 3,590,000       | \$ -         | \$ 367,000    | \$ 959,000    | \$ 2,264,000  | \$ -          |
| ULAR-27                                  | Encino EWMP Regional Project 1                                                   | ULAR      | 5, 6             | \$ 6,962,000       | \$ 711,000   | \$ 1,861,000  | \$ 4,390,000  | \$ -          | \$ -          |
| ULAR-5                                   | Upgrades to Pump Plant 622 and Associated Stormwater Treatment Opportunities     | ULAR      | 4, 5, 6          | \$ 3,987,000       | \$ 408,000   | \$ 1,065,000  | \$ 2,514,000  | \$ -          | \$ -          |
| ULAR-43                                  | Mission Hills EWMP Regional Project 1                                            | ULAR      | 6                | \$ 2,271,000       | \$ 232,000   | \$ 607,000    | \$ 1,432,000  | \$ -          | \$ -          |
| ULAR-4                                   | Upgrades to Pump Plant 621 and Associated Stormwater Treatment Opportunities     | ULAR      | 2                | \$ 3,840,000       | \$ -         | \$ -          | \$ 393,000    | \$ 1,026,000  | \$ 2,421,000  |
| ULAR-23                                  | Granada Hills EWMP Regional Project 1                                            | ULAR      | 7, 12            | \$ 33,328,000      | \$ -         | \$ -          | \$ 3,406,000  | \$ 8,906,000  | \$ 21,016,000 |
| ULAR-41                                  | Northridge EWMP Regional Project 1                                               | ULAR      | 12               | \$ 2,482,000       | \$ -         | \$ -          | \$ 254,000    | \$ 663,000    | \$ 1,565,000  |
| ULAR-57                                  | Northeast Los Angeles Green Street Project 6                                     | ULAR      | 1                | \$ 1,589,000       | \$ -         | \$ -          | \$ 282,000    | \$ 1,307,000  | \$ -          |
| ULAR-60                                  | Reseda Green Street Project 8                                                    | ULAR      | 3                | \$ 4,055,000       | \$ 414,000   | \$ 1,084,000  | \$ 2,557,000  | \$ -          | \$ -          |
| ULAR-12                                  | Southeast Los Angeles EWMP Project 1                                             | ULAR      | 8                | \$ 9,415,000       | \$ -         | \$ 962,000    | \$ 2,516,000  | \$ 5,937,000  | \$ -          |
| ULAR-47                                  | Southeast Los Angeles EWMP Project 2                                             | ULAR      | 15               | \$ 3,132,000       | \$ -         | \$ -          | \$ 320,000    | \$ 837,000    | \$ 1,975,000  |
| ULAR-54                                  | Southeast Los Angeles Green Street Project 2                                     | ULAR      | 9                | \$ 12,275,000      | \$ 1,255,000 | \$ 3,280,000  | \$ 7,740,000  | \$ -          | \$ -          |
| ULAR-46                                  | Boyle Heights EWMP Regional Project 3                                            | ULAR      | 14               | \$ 1,352,000       | \$ 139,000   | \$ 361,000    | \$ 852,000    | \$ -          | \$ -          |
| ULAR-40                                  | Northeast Los Angeles EWMP Regional Project 4                                    | ULAR      | 1                | \$ 2,275,000       | \$ -         | \$ 232,000    | \$ 608,000    | \$ 1,435,000  | \$ -          |
| ULAR-26                                  | Canoga Park EWMP Regional Project 1                                              | ULAR      | 3                | \$ 19,215,000      | \$ -         | \$ 1,963,000  | \$ 5,135,000  | \$ 12,117,000 | \$ -          |
| ULAR-31                                  | Boyle Heights EWMP Regional Project 1                                            | ULAR      | 14               | \$ 3,510,000       | \$ -         | \$ -          | \$ 359,000    | \$ 938,000    | \$ 2,213,000  |
| ULAR-52                                  | Northeast Los Angeles EWMP Regional Project 7                                    | ULAR      | 4, 13            | \$ 1,690,000       | \$ -         | \$ -          | \$ 173,000    | \$ 452,000    | \$ 1,065,000  |
| ULAR-18                                  | Sun Valley EWMP Regional Project 4                                               | ULAR      | 6                | \$ 12,595,000      | \$ 1,287,000 | \$ 3,366,000  | \$ 7,942,000  | \$ -          | \$ -          |
| ULAR-39                                  | Boyle Heights EWMP Regional Project 2                                            | ULAR      | 14               | \$ 3,285,000       | \$ -         | \$ -          | \$ 336,000    | \$ 878,000    | \$ 2,071,000  |
| ULAR-30                                  | Northeast Los Angeles EWMP Regional Project 2                                    | ULAR      | 1                | \$ 5,099,000       | \$ -         | \$ 521,000    | \$ 1,363,000  | \$ 3,215,000  | \$ -          |
| ULAR-19                                  | Reseda EWMP Regional Project 1                                                   | ULAR      | 3                | \$ 9,388,000       | \$ -         | \$ -          | \$ 959,000    | \$ 2,509,000  | \$ 5,920,000  |
| ULAR-25                                  | Sun Valley EWMP Regional Project 5                                               | ULAR      | 6                | \$ 3,146,000       | \$ 321,000   | \$ 841,000    | \$ 1,984,000  | \$ -          | \$ -          |
|                                          | G-2 Parcel Project                                                               | ULAR      | 1                | \$ 60,000,000      | \$ -         | \$ -          | \$ 12,000,000 | \$ 18,000,000 | \$ 24,000,000 |
|                                          | Figueroa Green Street Project                                                    | ULAR      | 1                | \$ 4,100,000       | \$ 820,000   | \$ 1,230,000  | \$ 1,640,000  | \$ 410,000    | \$ -          |
|                                          | Green Stormwater Infrastructure Public Right-of-Way LID Sidewalk Repair Projects | ULAR      | 2                | \$ 2,645,000       | \$ 528,000   | \$ 794,000    | \$ 1,058,000  | \$ 265,000    | \$ -          |
|                                          | Whitsett Sports Field Stormwater Capture                                         | ULAR      | 2                | \$ 6,317,000       | \$ -         | \$ 1,263,000  | \$ 1,895,000  | \$ 2,527,000  | \$ 632,000    |
|                                          | Sherman Way Green Street                                                         | ULAR      | 3                | \$ 3,750,000       | \$ 750,000   | \$ 1,125,000  | \$ 1,500,000  | \$ 375,000    | \$ -          |
|                                          | Caballero Creek Confluence Wetlands Park                                         | ULAR      | 3                | \$ 3,900,000       | \$ 780,000   | \$ 1,170,000  | \$ 1,560,000  | \$ 390,000    | \$ -          |
|                                          | Osborne Green Street                                                             | ULAR      | 6                | \$ 5,480,000       | \$ -         | \$ 1,096,000  | \$ 1,644,000  | \$ 2,192,000  | \$ 548,000    |
|                                          | Van Nuys Neighborhood Greenway Project                                           | ULAR      | 6                | \$ 6,135,000       | \$ -         | \$ 1,226,000  | \$ 1,841,000  | \$ 2,454,000  | \$ 614,000    |
|                                          | Rosa Parks Learning Center Stormwater Capture Project                            | ULAR      | 6                | \$ 3,500,000       | \$ 700,000   | \$ 1,050,000  | \$ 1,400,000  | \$ 350,000    | \$ -          |

**City of Los Angeles Stormwater and Green  
Infrastructure 5-Year Capital Improvement Plan  
Within Disadvantaged Communities (DAC)**

| No.                             | Project Name                                                   | Watershed | Council District | Total Project Cost    | FY 18/19             | FY 19/20              | FY 20/21              | FY 21/22              | FY 22/23              |
|---------------------------------|----------------------------------------------------------------|-----------|------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                 | Whitnall Highway Powerline Easement Stormwater Capture Project | ULAR      | 7                | \$ 8,800,000          | \$ -                 | \$ 1,760,000          | \$ 2,640,000          | \$ 3,520,000          | \$ 880,000            |
|                                 | Pacoima Green Alleys                                           | ULAR      | 7                | \$ 18,500,000         | \$ -                 | \$ 3,700,000          | \$ 5,550,000          | \$ 7,400,000          | \$ 1,850,000          |
|                                 | Central Green Street                                           | ULAR      | 9                | \$ 3,950,000          | \$ 790,000           | \$ 1,185,000          | \$ 1,580,000          | \$ 395,000            | \$ -                  |
|                                 | South LA Western-MLK Green Alley Network                       | ULAR      | 9                | \$ 6,020,000          | \$ -                 | \$ 1,204,000          | \$ 1,806,000          | \$ 2,408,000          | \$ 602,000            |
|                                 | Reseda Green Street                                            | ULAR      | 12               | \$ 4,150,000          | \$ 830,000           | \$ 1,245,000          | \$ 1,660,000          | \$ 415,000            | \$ -                  |
|                                 | Chase Street Greenway Project                                  | ULAR      | 12               | \$ 3,500,000          | \$ 700,000           | \$ 1,050,000          | \$ 1,400,000          | \$ 350,000            | \$ -                  |
|                                 | Los Angeles River Street Ends Stormwater Greenway Project      | ULAR      | 13               | \$ 6,200,000          | \$ -                 | \$ 1,240,000          | \$ 1,860,000          | \$ 2,480,000          | \$ 620,000            |
|                                 | Boyle Heights Lorena-Stevenson Green Alley Network             | ULAR      | 14               | \$ 5,932,000          | \$ -                 | \$ 1,186,000          | \$ 1,780,000          | \$ 2,373,000          | \$ 593,000            |
|                                 | Hollenbeck Park Lake Rehabilitation                            | ULAR      | 14               | \$ 29,000,000         | \$ -                 | \$ 5,800,000          | \$ 8,700,000          | \$ 11,600,000         | \$ 2,900,000          |
| <b>Grand Total Project Cost</b> |                                                                |           |                  | <b>\$ 478,666,000</b> |                      |                       |                       |                       |                       |
| <b>Total by FY</b>              |                                                                |           |                  |                       | <b>\$ 22,430,000</b> | <b>\$ 86,899,000</b>  | <b>\$ 181,422,000</b> | <b>\$ 106,272,000</b> | <b>\$ 75,643,000</b>  |
| <b>Cummulative Total</b>        |                                                                |           |                  |                       |                      | <b>\$ 109,329,000</b> | <b>\$ 290,751,000</b> | <b>\$ 397,023,000</b> | <b>\$ 472,666,000</b> |

**City of Los Angeles Stormwater and Green  
Infrastructure 5-Year Capital Improvement Plan  
Within Disadvantaged Communities (DAC)**

| No.                                | Project Name                                                               | Watershed | Council District | Total Project Cost | FY 18/19   | FY 19/20     | FY 20/21     | FY 21/22      | FY 22/23      |
|------------------------------------|----------------------------------------------------------------------------|-----------|------------------|--------------------|------------|--------------|--------------|---------------|---------------|
| <b>Dominguez Channel Watershed</b> |                                                                            |           |                  |                    |            |              |              |               |               |
| DC-3                               | Averill Park Project Site                                                  | DC        | 15               | \$ 29,090,000      | \$ -       | \$ -         | \$ 2,166,000 | \$ 10,226,000 | \$ 16,698,000 |
| DC-15                              | San Pedro Green Street Project 3                                           | DC        | 15               | \$ 2,027,000       | \$ -       | \$ 359,000   | \$ 1,668,000 | \$ -          | \$ -          |
| DC-6                               | Dominguez Channel Urban Runoff Project No. 3                               | DC        | 15               | \$ 775,000         | \$ 79,000  | \$ 207,000   | \$ 489,000   | \$ -          | \$ -          |
| DC-36                              | Wilmington - Harbor City Green Street Project 17                           | DC        | 15               | \$ 4,109,000       | \$ -       | \$ -         | \$ 420,000   | \$ 1,098,000  | \$ 2,591,000  |
| DC-5                               | Dominguez Channel Urban Runoff Project No. 2                               | DC        | 15               | \$ 1,411,000       | \$ -       | \$ -         | \$ 144,000   | \$ 377,000    | \$ 890,000    |
| DC-21                              | Wilmington - Harbor City Green Street Project 8                            | DC        | 15               | \$ 3,287,000       | \$ -       | \$ 336,000   | \$ 878,000   | \$ 2,073,000  | \$ -          |
| DC-7                               | San Pedro and 3rd SW Capture Greenway (Bioswales, drywells, cisterns, etc) | DC        | 15               | \$ 10,000,000      | \$ -       | \$ -         | \$ 1,022,000 | \$ 2,672,000  | \$ 6,306,000  |
| DC-26                              | Wilmington - Harbor City Green Street Project 12                           | DC        | 15               | \$ 2,000,000       | \$ 354,000 | \$ 1,646,000 | \$ -         | \$ -          | \$ -          |
| DC-22                              | Wilmington - Harbor City Green Street Project 9                            | DC        | 15               | \$ 7,123,000       | \$ -       | \$ -         | \$ 727,000   | \$ 1,904,000  | \$ 4,492,000  |
| DC-1                               | Wilmington Recreation Center Project Site                                  | DC        | 15               | \$ 41,860,000      | \$ -       | \$ -         | \$ 4,278,000 | \$ 11,186,000 | \$ 26,396,000 |
| DC-2                               | Harbor City Project Site                                                   | DC        | 15               | \$ 10,079,000      | \$ -       | \$ -         | \$ -         | \$ -          | \$ 10,079,000 |
| DC-4                               | Dominguez Channel Urban Runoff Project No. 1                               | DC        | 15               | \$ 3,014,000       | \$ -       | \$ 308,000   | \$ 805,000   | \$ 1,901,000  | \$ -          |
| DC-25                              | Harbor Gateway Green Street Project 3                                      | DC        | 15               | \$ 7,617,000       | \$ -       | \$ 779,000   | \$ 2,035,000 | \$ 4,803,000  | \$ -          |
| DC-33                              | Harbor Gateway Green Street Project 4                                      | DC        | 15               | \$ 356,000         | \$ 63,000  | \$ 293,000   | \$ -         | \$ -          | \$ -          |
| DC-12                              | Harbor Gateway Green Street Project 1                                      | DC        | 15               | \$ 3,616,000       | \$ -       | \$ 370,000   | \$ 966,000   | \$ 2,280,000  | \$ -          |
| DC-8                               | South Los Angeles Green Streets Project 6                                  | DC        | 8                | \$ 4,520,000       | \$ -       | \$ 462,000   | \$ 1,208,000 | \$ 2,850,000  | \$ -          |
| DC-30                              | Wilmington - Harbor City Green Street Project 15                           | DC        | 15               | \$ 16,987,000      | \$ -       | \$ -         | \$ 1,736,000 | \$ 4,539,000  | \$ 10,712,000 |
|                                    | Gaffey Green Street                                                        | DC        | 15               | \$ 4,250,000       | \$ 850,000 | \$ 1,275,000 | \$ 1,700,000 | \$ 425,000    | \$ -          |
|                                    | Watts Tower Area Green Street                                              | DC        | 15               | \$ 6,300,000       | \$ -       | \$ 1,260,000 | \$ 1,890,000 | \$ 2,520,000  | \$ 630,000    |

**Grand Total  
Project Cost**      **\$ 158,421,000**

**Total by FY**      **\$ 1,346,000**      **\$ 7,295,000**      **\$ 22,132,000**      **\$ 48,854,000**      **\$ 78,794,000**  
**Cummulative Total**      **\$ 8,641,000**      **\$ 30,773,000**      **\$ 79,627,000**      **\$ 158,421,000**



**City of Los Angeles Stormwater and Green  
Infrastructure 5-Year Capital Improvement Plan  
Within Disadvantaged Communities (DAC)**

| No.                                                                  | Project Name                                                      | Watershed | Council District | Total Project Cost | FY 18/19     | FY 19/20      | FY 20/21      | FY 21/22     | FY 22/23 |
|----------------------------------------------------------------------|-------------------------------------------------------------------|-----------|------------------|--------------------|--------------|---------------|---------------|--------------|----------|
| <b>Ballona Creek, Santa Monica Bay, and Marina Del Rey Watershed</b> |                                                                   |           |                  |                    |              |               |               |              |          |
| BC-4                                                                 | Poinsettia Park                                                   | BC        | 4,5,13           | \$ 15,095,000      | \$ 1,543,000 | \$ 4,034,000  | \$ 9,518,000  | \$ -         | \$ -     |
| BC-15                                                                | West Adams EWMP Regional Project 1                                | BC        | 8,10             | \$ 7,731,000       | \$ 790,000   | \$ 2,066,000  | \$ 4,875,000  | \$ -         | \$ -     |
| BC-80                                                                | Hollywood Green Streets Project 9                                 | BC        | 4,13             | \$ 219,000         | \$ 39,000    | \$ 180,000    | \$ -          | \$ -         | \$ -     |
| BC-40                                                                | Hollywood EWMP Regional Project 1                                 | BC        | 4,13             | \$ 3,070,000       | \$ 314,000   | \$ 820,000    | \$ 1,936,000  | \$ -         | \$ -     |
| BC-18                                                                | South Los Angeles EWMP Regional Project 2                         | BC        | 1,8,9,10,13,14   | \$ 4,184,000       | \$ 428,000   | \$ 1,118,000  | \$ 2,638,000  | \$ -         | \$ -     |
| BC-9                                                                 | Manchester Neighborhood Greenway Project                          | BC        | 8,9              | \$ 780,000         | \$ -         | \$ 138,000    | \$ 642,000    | \$ -         | \$ -     |
| BC-45                                                                | Silver Lake EWMP Regional Project 1                               | BC        | 4,13             | \$ 3,012,000       | \$ 308,000   | \$ 805,000    | \$ 1,899,000  | \$ -         | \$ -     |
| BC-1                                                                 | Lafayette Park                                                    | BC        | 1,4,10,13        | \$ 27,256,000      | \$ 2,785,000 | \$ 7,284,000  | \$ 17,187,000 | \$ -         | \$ -     |
| BC-17                                                                | Wilshire EWMP Regional Project 2                                  | BC        | 4,10,13          | \$ 2,628,000       | \$ 269,000   | \$ 702,000    | \$ 1,657,000  | \$ -         | \$ -     |
| BC-157                                                               | Hancock Park Regional Project 3                                   | BC        | 4,5,10           | \$ 7,493,000       | \$ 766,000   | \$ 2,002,000  | \$ 4,725,000  | \$ -         | \$ -     |
| BC-55                                                                | Hollywood Green Streets Project 1                                 | BC        | 4,13             | \$ 8,576,000       | \$ 876,000   | \$ 2,292,000  | \$ 5,408,000  | \$ -         | \$ -     |
| BC-165                                                               | Los Feliz Regional Project 1                                      | BC        | 4,13             | \$ 47,946,000      | \$ 4,900,000 | \$ 12,812,000 | \$ 30,234,000 | \$ -         | \$ -     |
| BC-19                                                                | West Adams EWMP Regional Project 2                                | BC        | 10               | \$ 2,054,000       | \$ 210,000   | \$ 549,000    | \$ 1,295,000  | \$ -         | \$ -     |
| BC-48                                                                | South Los Angeles EWMP Regional Project 10                        | BC        | 8,9,10           | \$ 2,243,000       | \$ 230,000   | \$ 599,000    | \$ 1,414,000  | \$ -         | \$ -     |
| BC-39                                                                | Wilshire EWMP Regional Project 5                                  | BC        | 4,10,13          | \$ 2,634,000       | \$ 269,000   | \$ 704,000    | \$ 1,661,000  | \$ -         | \$ -     |
| BC-13                                                                | South Los Angeles EWMP Regional Project 1                         | BC        | 8,9              | \$ 3,229,000       | \$ 330,000   | \$ 863,000    | \$ 2,036,000  | \$ -         | \$ -     |
| BC-10                                                                | Occidental Blvd Green Street Greening                             | BC        | 1,13             | \$ 5,480,000       | \$ 560,000   | \$ 1,464,000  | \$ 3,456,000  | \$ -         | \$ -     |
| BC-74                                                                | Wilshire Green Streets Project 5                                  | BC        | 4,5,10           | \$ 3,287,000       | \$ 336,000   | \$ 878,000    | \$ 2,073,000  | \$ -         | \$ -     |
| BC-24                                                                | Southeast Los Angeles EWMP Regional Project 1                     | BC        | 9,14             | \$ 3,353,000       | \$ 343,000   | \$ 896,000    | \$ 2,114,000  | \$ -         | \$ -     |
| BC-35                                                                | South Los Angeles EWMP Regional Project 5                         | BC        | 1,10             | \$ 1,048,000       | \$ 107,000   | \$ 280,000    | \$ 661,000    | \$ -         | \$ -     |
| BC-7                                                                 | Vermont Square Park Stormwater Treatment and Infiltration Project | BC        | 8,9,10           | \$ 2,113,000       | \$ 216,000   | \$ 565,000    | \$ 1,332,000  | \$ -         | \$ -     |
| BC-28                                                                | South Los Angeles EWMP Regional Project 3                         | BC        | 8,10             | \$ 3,196,000       | \$ 327,000   | \$ 854,000    | \$ 2,015,000  | \$ -         | \$ -     |
| BC-64                                                                | South Los Angeles Green Streets Project 2                         | BC        | 8                | \$ 1,726,000       | \$ 306,000   | \$ 1,420,000  | \$ -          | \$ -         | \$ -     |
| BC-86                                                                | West Adams EWMP Regional Project 7                                | BC        | 4,5,10           | \$ 410,000         | \$ 72,000    | \$ 338,000    | \$ -          | \$ -         | \$ -     |
| BC-95                                                                | Westchester - Playa del Rey Green Streets Project 1               | BC        | 11               | \$ 37,000          | \$ 4,000     | \$ 10,000     | \$ 23,000     | \$ -         | \$ -     |
| BC-50                                                                | Wilshire EWMP Regional Project 6                                  | BC        | 4,10             | \$ 483,000         | \$ 49,000    | \$ 129,000    | \$ 305,000    | \$ -         | \$ -     |
| BC-135                                                               | University Park Regional Project 1                                | BC        | 9,14             | \$ 20,668,000      | \$ 2,112,000 | \$ 5,523,000  | \$ 13,033,000 | \$ -         | \$ -     |
| BC-60                                                                | West Adams Green Streets Project 1                                | BC        | 8,11             | \$ 4,274,000       | \$ 437,000   | \$ 1,142,000  | \$ 2,695,000  | \$ -         | \$ -     |
| BC-154                                                               | Lafayette Square Regional Project 1                               | BC        | 10               | \$ 7,049,000       | \$ 720,000   | \$ 1,884,000  | \$ 4,445,000  | \$ -         | \$ -     |
| BC-168                                                               | Melrose Regional Project 6                                        | BC        | 4,13             | \$ 31,101,000      | \$ 3,178,000 | \$ 8,311,000  | \$ 19,612,000 | \$ -         | \$ -     |
| BC-59                                                                | South Los Angeles Green Streets Project 1                         | BC        | 8                | \$ 3,260,000       | \$ 333,000   | \$ 871,000    | \$ 2,056,000  | \$ -         | \$ -     |
| BC-137                                                               | Crenshaw District Regional Project 1                              | BC        | 10               | \$ 13,404,000      | \$ 1,370,000 | \$ 3,582,000  | \$ 8,452,000  | \$ -         | \$ -     |
| BC-150                                                               | Faircrest Heights Regional Project 1                              | BC        | 10               | \$ 3,302,000       | \$ 338,000   | \$ 882,000    | \$ 2,082,000  | \$ -         | \$ -     |
| BC-230                                                               | Mid-City - Cloverdale/Cochran Green Streets Project 1             | BC        | 10               | \$ 1,482,000       | \$ -         | \$ -          | \$ 262,000    | \$ 1,220,000 | \$ -     |
| BC-229                                                               | Mid-City Green Streets Project 1                                  | BC        | 10               | \$ 1,775,000       | \$ 314,000   | \$ 1,461,000  | \$ -          | \$ -         | \$ -     |
| BC-144                                                               | Regent Square Regional Project 1                                  | BC        | 10               | \$ 8,600,000       | \$ 879,000   | \$ 2,298,000  | \$ 5,423,000  | \$ -         | \$ -     |
| BC-203                                                               | Baldwin Hills Green Streets Project 2                             | BC        | 10               | \$ 582,000         | \$ -         | \$ -          | \$ 103,000    | \$ 479,000   | \$ -     |
| BC-123                                                               | Cheviot Hills Regional Project 1                                  | BC        | 5                | \$ 10,047,000      | \$ 1,026,000 | \$ 2,685,000  | \$ 6,336,000  | \$ -         | \$ -     |
| BC-155                                                               | Mid-City Regional Project 4                                       | BC        | 10               | \$ 5,906,000       | \$ 604,000   | \$ 1,578,000  | \$ 3,724,000  | \$ -         | \$ -     |
| BC-152                                                               | Miracle Mile Regional Project 2                                   | BC        | 4,10             | \$ 11,304,000      | \$ 1,155,000 | \$ 3,021,000  | \$ 7,128,000  | \$ -         | \$ -     |
| BC-133                                                               | Wellington Square Regional Project 1                              | BC        | 10               | \$ 3,157,000       | \$ 323,000   | \$ 844,000    | \$ 1,990,000  | \$ -         | \$ -     |
| BC-110                                                               | Westchester Regional Project 3                                    | BC        | 11               | \$ 14,846,000      | \$ 1,517,000 | \$ 3,967,000  | \$ 9,362,000  | \$ -         | \$ -     |
| BC-131                                                               | Beverlywood Regional Project 2                                    | BC        | 5                | \$ 6,071,000       | \$ 621,000   | \$ 1,622,000  | \$ 3,828,000  | \$ -         | \$ -     |
| BC-201                                                               | Cloverdale/Cochran - Faircrest Heights Green Streets Project 1    | BC        | 10               | \$ 2,162,000       | \$ -         | \$ -          | \$ 383,000    | \$ 1,779,000 | \$ -     |
| BC-162                                                               | Historic Filipinotown Regional Project 1                          | BC        | 1,13             | \$ 10,257,000      | \$ 1,048,000 | \$ 2,741,000  | \$ 6,468,000  | \$ -         | \$ -     |
| BC-31                                                                | West Adams EWMP Regional Project 6                                | BC        | 10               | \$ 1,142,000       | \$ 117,000   | \$ 305,000    | \$ 720,000    | \$ -         | \$ -     |
| SMB-27                                                               | Westchester - Playa del Rey Green Streets Project 2               | SMB       | 11               | \$ 382,000         | \$ -         | \$ -          | \$ 68,000     | \$ 314,000   | \$ -     |
| SMB-74                                                               | Westchester Green Street Project 15                               | SMB       | 11               | \$ 3,371,000       | \$ 597,000   | \$ 2,774,000  | \$ -          | \$ -         | \$ -     |
| SMB-76                                                               | Westchester Green Street Project 17                               | SMB       | 11               | \$ 157,000         | \$ 28,000    | \$ 129,000    | \$ -          | \$ -         | \$ -     |
| SMB-77                                                               | Westchester Green Street Project 18                               | SMB       | 11               | \$ 109,000         | \$ -         | \$ -          | \$ 19,000     | \$ 90,000    | \$ -     |

**City of Los Angeles Stormwater and Green  
Infrastructure 5-Year Capital Improvement Plan  
Within Disadvantaged Communities (DAC)**

| No.    | Project Name                                        | Watershed | Council District | Total Project Cost | FY 18/19   | FY 19/20     | FY 20/21     | FY 21/22      | FY 22/23     |
|--------|-----------------------------------------------------|-----------|------------------|--------------------|------------|--------------|--------------|---------------|--------------|
| SMB-72 | Playa Del Rey Green Street Project 2                | SMB       | 11               | \$ 141,000         | \$ 25,000  | \$ 116,000   | \$ -         | \$ -          | \$ -         |
| SMB-49 | Westchester Green Street Project 10                 | SMB       | 11               | \$ 749,000         | \$ -       | \$ -         | \$ 133,000   | \$ 616,000    | \$ -         |
| SMB-51 | Westchester Green Street Project 12                 | SMB       | 11               | \$ 794,000         | \$ -       | \$ -         | \$ 141,000   | \$ 653,000    | \$ -         |
| SMB-73 | Westchester Green Street Project 14                 | SMB       | 11               | \$ 64,000          | \$ -       | \$ -         | \$ 12,000    | \$ 52,000     | \$ -         |
| SMB-75 | Westchester Green Street Project 16                 | SMB       | 11               | \$ 69,000          | \$ -       | \$ -         | \$ 12,000    | \$ 57,000     | \$ -         |
| SMB-78 | Westchester Green Street Project 5                  | SMB       | 11               | \$ 149,000         | \$ 27,000  | \$ 122,000   | \$ -         | \$ -          | \$ -         |
| SMB-79 | Westchester Green Street Project 6                  | SMB       | 11               | \$ 85,000          | \$ -       | \$ -         | \$ 15,000    | \$ 70,000     | \$ -         |
| SMB-80 | Westchester Green Street Project 7                  | SMB       | 11               | \$ 170,000         | \$ 30,000  | \$ 140,000   | \$ -         | \$ -          | \$ -         |
| SMB-81 | Westchester Green Street Project 8                  | SMB       | 11               | \$ 42,000          | \$ -       | \$ -         | \$ 7,000     | \$ 35,000     | \$ -         |
| SMB-82 | Westchester Green Street Project 9                  | SMB       | 11               | \$ 555,000         | \$ 98,000  | \$ 457,000   | \$ -         | \$ -          | \$ -         |
|        | Western Green Street                                | BC        | 4                | \$ 4,300,000       | \$ 860,000 | \$ 1,290,000 | \$ 1,720,000 | \$ 430,000    | \$ -         |
|        | Fountain-Wilcox Stormwater Capture and Green Street | BC        | 4                | \$ 6,000,000       | \$ -       | \$ 1,200,000 | \$ 1,800,000 | \$ 2,400,000  | \$ 600,000   |
|        | Rancho Park Golf Course Stormwater Capture and Use  | BC        | 5                | \$ 17,000,000      | \$ -       | \$ 3,400,000 | \$ 5,100,000 | \$ 6,800,000  | \$ 1,700,000 |
|        | Vista Neighborhood Greenway                         | BC        | 5                | \$ 3,800,000       | \$ 760,000 | \$ 1,140,000 | \$ 1,520,000 | \$ 380,000    | \$ -         |
|        | Crenshaw Green Street                               | BC        | 8                | \$ 4,500,000       | \$ 900,000 | \$ 1,350,000 | \$ 1,800,000 | \$ 450,000    | \$ -         |
|        | Manchester-87th Street Green Alley                  | BC        | 8                | \$ 3,500,000       | \$ 700,000 | \$ 1,050,000 | \$ 1,400,000 | \$ 350,000    | \$ -         |
|        | Pico-Fairfax Green Street                           | BC        | 10               | \$ 4,100,000       | \$ 820,000 | \$ 1,230,000 | \$ 1,640,000 | \$ 410,000    | \$ -         |
|        | Rancho Cienega Park Stormwater Capture              | BC        | 10               | \$ 26,112,000      | \$ -       | \$ 5,222,000 | \$ 7,834,000 | \$ 10,445,000 | \$ 2,611,000 |
|        | Venice Green Street                                 | MDR       | 11               | \$ 3,750,000       | \$ 750,000 | \$ 1,125,000 | \$ 1,500,000 | \$ 375,000    | \$ -         |
|        | Riviera Country Club Stormwater Capture and Use     | SMB       | 11               | \$ 2,967,000       | \$ 593,000 | \$ 890,000   | \$ 1,187,000 | \$ 297,000    | \$ -         |
|        | Hollywood Green Street                              | BC        | 13               | \$ 3,850,000       | \$ 770,000 | \$ 1,155,000 | \$ 1,540,000 | \$ 385,000    | \$ -         |

Grand Total  
Project Cost

\$ 406,388,000

Total by FY \$ 39,427,000 \$ 109,309,000 \$ 224,654,000 \$ 28,087,000 \$ 4,911,000

Cumulative Total \$ 148,736,000 \$ 373,390,000 \$ 401,477,000 \$ 406,388,000

Grand Total by FY \$ 63,203,000 \$ 203,503,000 \$ 428,208,000 \$ 183,213,000 \$ 159,348,000