

CITY OF LOS ANGELES
INTERDEPARTMENTAL CORRESPONDENCE

Date: December 19, 2024

To: Street and Transportation Projects Oversight Committee

From: Patrick J. Schmidt, P.E., G.E., Division Manager
Geotechnical Engineering Division
Bureau of Engineering

Subject: **UPDATE OF THE BUREAU OF ENGINEERING FY 2024-25 HILLSIDE SLOPE STABILITY PROGRAM (HSSP) MASTER SCHEDULE AND PROJECT STATUS REPORT TABLE**

RECOMMENDATION

Receive and file the attached revised FY 2024-25 HSSP Master Schedule and the FY 2024-25 HSSP Project Status Report Table.

Accept the removal of one project on the HSSP Master Schedule.

TRANSMITTALS

1. FY 2024-25 HSS Master Schedule (Dated December 17, 2024)
2. FY 2024-25 HSS Project Status Report Table (Dated December 17, 2024)

DISCUSSION

Adjustments have been made to the HSSP Master Schedule to reflect project status updates and the removal of the Whitley Avenue (2032) Retaining Wall Replacement Project (Transmittal 1). Project scope and summary information for all the projects is provided in the updated HSSP Project Status Report Table (Transmittal 2).

The Whitley Avenue (2032) Retaining Wall project consisted of removing and replacing an existing concrete retaining wall and repair of settled, cracked and uneven pavement. During a BOE site visit in preparation for design of the project, it was observed that repairs have been made to the roadway. A supplemental Field Investigation was completed on October 8, 2024 and determined that the existing wall is sufficient and that no further action is required. Thus, the project has been cancelled.

If you have questions or require additional information, please contact me at (213) 923-5984.

PJS/kl

Enclosures

cc: David Hirano, City Administrative Office
Maria Souza-Rountree, City Legislative Office
Jose Fuentes, Bureau of Engineering
Kristen Ly, Bureau of Engineering

STPOC - Project Status Report

As Of 12/17/2024

Summary			
Current Status		Construction Vehicle	
1 - Pre-Design - Active	15	Contractor (Emergency)	13
2 - Design - Active	9	Contractor (On-Call)	56
3 - Right of Way/Approvals - Active	1	Contractor (Regular Award)	4
4 - Bid & Award - Active	4	N/A - Design Project Only	2
5 - Construction - Active	14		
6 - Post-Construction - Active	32		
Total	75	Total	75

Bureau of Engineering - Non-Grant Project - Hillside Slope Stability

Project Title	Dept Proj. ID	Scope (Summary)	Estimated Const Cost	Funding	Project Status	Current Status	CD(s)	Construction Method	Project Manager	Supporting Departments
1 Appian Way (8589) Bulkhead	M1060	This project will construct one new bulkhead to restore lateral support to the existing road. The total length of the new bulkhead will be 104 linear feet long, approximately 6 feet tall and consist of fourteen (14) soldier piles with precast concrete lagging panels. The new bulkhead will be backfilled with soil, CMB, and a wall subdrain consisting of gravel wrapped in geofabric will be installed. Other Project improvements include construction of a monolithic concrete curb, gutter, and grade beam at the top of the bulkhead and the installation of a metal beam guardrail. The Project will also remove and repair the existing damaged AC pavement and berm along the edge of the street.	\$ 546,488	SB1: \$671,000.00 Total funding: \$671,000.00	Dec/24 Pending Board Acceptance	81% Post-Construction (Active)	4	Contractor (On-Call)	Rene Ramirez	Bureau of Contract Administration'
2 Asilomar Boulevard Stabilization	M799	The Asilomar Boulevard Stabilization Project will employ Deep Soil Cement Mix (DSM) columns in order to stabilize the section of the street adversely affected by a landslide. As part of the project, the southern curb and gutter and the street 's pavement will be removed and replaced.	\$ 7,972,546	GF: \$4,928,173.00 GT: \$2,884,532.00 SB1: \$5,279,827.00 Total funding: \$13,092,532.00	Dec/24 Major construction complete. Contractor scheduling utilities in the roadway to be raised to final grade.	97% Construction (Active)	11	Contractor (Regular Award)	Michael Womack	Bureau of Contract Administration'
3 Avenue 53 (410 N) Bulkhead	M1187	This project will install a bulkhead approximately 120-ft long, 6-ft high	\$ 608,653	SB1: \$792,000.00 Total funding: \$792,000.00	Dec/24 Board report to award the project is being processed.	86% Bid & Award (Active)	1	Contractor (On-Call)	Marjan Shenasi	Bureau of Contract Administration'
4 Avon Park Terrace (1431-1461) Bulkhead	M1131	This project will repair the upper section of a grade separated roadway with a bulkhead, remedial grading, or a combination of both.	\$ 1,070,710	SB1: \$803,000.00 Total funding: \$803,000.00	Dec/24 Construction is 95% complete, pending correction items before final inspection.	75% Construction (Active)	13	Contractor (On-Call)	Elaine Lei	Bureau of Contract Administration'
5 Avon Street (1923) Bulkhead	M1225	This project will install a new steel beam and pre-cast lagging bulkhead (H=4.5-ft, L=70-ft) and regrade the roadway to drain away from the slope (L=100-ft, W=21-ft)	\$ 646,000	SB1: \$646,000.00 Total funding: \$646,000.00	Dec/24 Standards completed site drilling on 12/5/24. The project continues in Pre-Design.	51% Pre-Design (Active)	13	Contractor (On-Call)	Daniel Orris	Bureau of Contract Administration'
6 Balboa Boulevard (12000 N) Bulkhead	M1161	This project consists of the removal of an existing failed timber bulkhead that has a length of about 88-feet and a height of 9-feet, the construction of a new steel and concrete bulkhead, removal and replacement of curb and gutter, and a pedestrian handrail.	\$ 515,804	Measure R: \$811,000.00 Total funding: \$811,000.00	Dec/24 Project is in Post Construction.Revised Final Contract Amount \$515,803.25.	80% Post-Construction (Active)	12	Contractor (On-Call)	Michael Womack	Bureau of Contract Administration'
7 Bedel Street (4600 Block) Upslope Debris Wall	M1186	This project will install an upslope debris wall approximately 260-ft in length	\$ 577,648	GF: \$1,000,000.00 Total funding: \$1,000,000.00	Dec/24 Project is in construction. Submittals are being reviewed and materials are being procured. Estimated construction start date is 1/6/25	26% Construction (Active)	3	Contractor (On-Call)	Walter Carrera	Bureau of Contract Administration'
8 Bedel Street (4651) Slope Mitigation	M1176	This project will install approximately 40 linear feet of 5-ft tall pipe and board structure to restore lateral support to a roadway that has failed due to a tree.	\$ 390,902	MMLRF: \$396,000.00 Total funding: \$396,000.00	Dec/24 Project is in Post-Construction. Pending Acceptance Board Report.	77% Post-Construction (Active)	3	Contractor (Emergency)	Elaine Lei	Bureau of Contract Administration'
9 Benedict Canyon Drive (2940) Emergency Bulkhead	M1213	This emergency project will install a new steel beam and pre-cast concrete lagging bulkhead to repair a washout due to mid-February 2024 storm damage.	\$ 849,000	SB1: \$849,000.00 Total funding: \$849,000.00	Dec/24 Project is in Post-Construction. As-builts, CPER, and Draft Acceptance Board report are being prepared.	35% Post-Construction (Active)	5	Contractor (Emergency)	Kristen Ly	Bureau of Contract Administration'
10 Bronson Canyon Entry and Retaining Wall - RAP	M1212	This project will construct a retaining wall and install a new sidewalk leading into Bronson Canyon on Canyon Drive.	\$ 566,000	RPF: \$566,000.00 Total funding: \$566,000.00	Dec/24 A site visit with EMG and RAP Forestry was held on 12/10/24. Funding is pending CEQA for RAP Board Report.	80% Pre-Design (Active)	4	Contractor (On-Call)	Kristen Ly	Dept of Recreation and Parks'
11 Cass Avenue (23064-23256) Retaining Curb	M1223	This project will install a new concrete retaining curb (H=3-ft, L=200-ft total) and remove and recompact the subgrade to a depth of 3-ft (L=200-ft, W=15-ft).	\$ 900,000	SB1: \$900,000.00 Total funding: \$900,000.00	Dec/24 Pre-design is on-going.	55% Pre-Design (Active)	3	Contractor (On-Call)	Llanet Gomez	Bureau of Contract Administration'
12 Cole Crest Drive (8464) Bulkhead	M1132	This project will construct two new bulkheads to restore lateral support to the existing road. The combined length of the new bulkheads will be 104 linear feet and approximately 6 to 10 feet tall. It will consist of thirteen (13) soldier piles with precast concrete lagging panels and three (3) HSS piles with timber lagging panels. A new asphalt pavement section, curb (berm), chain link fence replacement and metal beam guardrail will be installed. In addition, the new bulkhead will be backfilled with soil, CMB, and a wall subdrain consisting of gravel wrapped in geofabric will be installed.	\$ 596,000	SB1: \$596,000.00 Total funding: \$596,000.00	Dec/24 Pending Board Acceptance	85% Post-Construction (Active)	4	Contractor (On-Call)	Rene Ramirez	Bureau of Contract Administration'
13 Crescent Drive (8483-8764) Bulkheads	M1130	This project will construct various bulkheads along Crescent Drive to restore lateral support to the roadway.	\$ 1,700,000	SB1: \$2,669,000.00 Total funding: \$2,669,000.00	Dec/24 Project is in Construction. Contractor finishing CIP walls.	93% Construction (Active)	4	Contractor (On-Call)	Michael Womack	Bureau of Contract Administration'

Bureau of Engineering - Non-Grant Project - Hillside Slope Stability

	Project Title	Dept Proj. ID	Scope (Summary)	Estimated Const Cost	Funding	Project Status	Current Status	CD(s)	Construction Method	Project Manager	Supporting Departments
14	Crescent Drive (8744) Emergency Bulkhead	M1175	This emergency project constructs a bulkhead to restore lateral support to the roadway due to storm damage in January 2023.	\$ 345,198	SB1: \$400,000.00 Total funding: \$400,000.00	Dec/24 Project in Post Construction.	82% Post-Construction (Active)	4	Contractor (Emergency)	Michael Womack	Bureau of Contract Administration'
15	Crescent Drive (8904) Emergency Bulkhead	M1174	This emergency project constructs a bulkhead to repair a washout and restore lateral support to the roadway, approximately 40 linear feet.	\$ 515,804	MMLRF: \$629,000.00 Total funding: \$629,000.00	Dec/24 Project is in Post Construction. Project Close Out form submitted 12/3/2024.	85% Post-Construction (Active)	4	Contractor (Emergency)	Michael Womack	Bureau of Contract Administration'
16	Crescent Drive (9192) Bulkhead	M1206	This project will install a new bulkhead to repair a washout.	\$ 350,000	TBD: \$510,000.00 Total funding: \$510,000.00	Dec/24 The project is in construction.	28% Construction (Active)	4	Contractor (On-Call)	Daniel Orris	Bureau of Contract Administration'
17	Cross Ave (645) Bulkhead	M1089	This project will construct a new bulkhead to restore lateral support to the existing road. The new bulkhead will be 40 linear feet long and approximately 7 to 10 feet tall and consist of six (6) soldier piles with precast concrete lagging panels and one (1) HSS pile with timber lagging panels. A new asphalt pavement, curb (berm) and metal beam guardrail will be installed. In addition, the new bulkhead will be backfilled with soil, CMB, and a wall subdrain consisting of gravel wrapped in geofabric will be installed.	\$ 288,610	SB1: \$338,000.00 Total funding: \$338,000.00	Dec/24 Pending Board Acceptance	90% Post-Construction (Active)	1	Contractor (On-Call)	Rene Ramirez	Bureau of Contract Administration'
18	Dixie Canyon Avenue (3601-3600) Bulkhead and Slope Stabilization	M1147	This project constructs two City standard retaining walls approximately 20-ft and 25-ft in length, 20 LF of a pipe-and-board-structure, 200 LF of k-rail with a debris barrier to restore lateral support to the roadway and protect the roadway from slough.	\$ 311,126	SB1: \$443,000.00 Total funding: \$443,000.00	Dec/24 Project is in Post-Construction. As-Built are being prepared.	47% Post-Construction (Active)	4	Contractor (On-Call)	Elaine Lei	Bureau of Contract Administration'
19	Enchanted Way (711) Bulkhead	M1216	This project will remove and replace a failing bulkhead (H=10.5-ft, L=90-ft)	\$ 1,245,000	SB1: \$1,245,000.00 Total funding: \$1,245,000.00	Dec/24 The project continues in Design.	40% Design (Active)	11	Contractor (On-Call)	Daniel Orris	Bureau of Contract Administration'
20	Erosion Control for Hillside Damage (FY 22-23)	M1121	This project provides for preventative erosion control measures such as sandbags, visqueen, and AC berm at various hillside locations for FY 22/23.	\$ 376,831	GF: \$200,000.00 GT: \$200,000.00 Total funding: \$400,000.00	Dec/24 The project continues in Post-Construction. GED is waiting on the acceptance board report to be approved by BPW.	87% Post-Construction (Active)	VR	Contractor (On-Call)	Daniel Orris	Bureau of Contract Administration'
21	Erosion Control for Hillside Damage (FY 23-24)	M1185	This project addresses various erosion control measures throughout the City.	\$ 615,187	PropC: \$3,500,000.00 Total funding: \$3,500,000.00	Dec/24 GED is waiting to receive the draft acceptance board report from BCA. The project continues in Post-Construction which is 72% complete.	72% Post-Construction (Active)	VR	Contractor (On-Call)	Daniel Orris	Bureau of Contract Administration'
22	Erosion Control for Hillside Damage (FY 24-25)	M1214	This project will address various sites throughout the City in need of erosion control efforts for FY 24/25	\$ 200,000	SB1: \$200,000.00 Total funding: \$200,000.00	Dec/24 The project continues in Construction.	13% Construction (Active)	VR	Contractor (On-Call)	Daniel Orris	Bureau of Contract Administration'
23	Escobedo Drive (5159) Emergency Bulkhead	M1173	This emergency project will remove and extend an existing failing timber bulkhead along Escobedo Drive approximately 135 linear feet long.	\$ 521,000	MMLRF: \$2,205,000.00 Total funding: \$2,205,000.00	Dec/24 Project is in Post-Construction. Pending Acceptance Board Report.	72% Post-Construction (Active)	3	Contractor (Emergency)	Elaine Lei	Bureau of Contract Administration'
24	Glencoe Way (2013) Bulkhead	M1090	This project provides for construction of a steel beam and concrete lagging bulkhead to restore lateral support to the roadway, including guardrail, asphalt berm, new pavement, and erosion control hydroseeding.	\$ 800,000	SB1: \$1,004,000.00 Total funding: \$1,004,000.00	Dec/24 Project is in Post-Construction. BCA is drafting the acceptance board report	90% Post-Construction (Active)	4	Contractor (On-Call)	Walter Carrera	Bureau of Contract Administration'
25	Glenoaks Blvd (10810) Slope Mitigation	M1151	This project consists of constructing 600 linear feet bulkhead debris barrier wall, removal of slough and loose material from existing toe of slope and slope face. In addition 600 LF of existing sidewalk will be removed and replaced.	\$ 1,600,000	SB1: \$1,195,269.00 Measure M: \$390,529.00 Measure R: \$204,411.00 Total funding: \$1,790,209.00	Dec/24 The project is under the submittal and procurement phase.	46% Construction (Active)	7	Contractor (On-Call)	Rene Ramirez	Bureau of Contract Administration'
26	Gould Avenue (8294) Bulkhead	M1200	This project will install a bulkhead (Length = 64-ft, Height = 8-ft) to repair a washout	\$ 523,342	SB1: \$667,000.00 Total funding: \$667,000.00	Dec/24 Construction is ongoing.	67% Construction (Active)	4	Contractor (On-Call)	Karynna Dominguez	Bureau of Contract Administration'
27	Guardrail Repair on Woolsey Canyon Road	M1114	This project will install approximately 167 linear feet of guardrail pursuant to the litigation action requirements.	\$ 81,800	GT: \$100,000.00 Total funding: \$100,000.00	Dec/24 Project is in Post-Construction. Pending final Acceptance Board Report.	84% Post-Construction (Active)	12	Contractor (On-Call)	Elaine Lei	Bureau of Contract Administration'
28	Inwood Drive (13375) Retaining Wall	M1058	This project will construct a retaining wall to restore lateral support to the roadway.	\$ 591,044	SB1: \$765,000.00 Total funding: \$765,000.00	Nov/24 Project closeout form was submitted to the Work Order unit on 11/27/24.	100% Post-Construction (Active)	4	Contractor (On-Call)	Daniel Orris	Bureau of Contract Administration'
29	Larissa Drive (3311-3229) Permanent Slope Mitigation - RAP	M1209	This project designs a permanent slope stabilization for the Recreation and Parks property located at 3311 Larissa Drive.	\$ 2,000,000	RPF: \$185,000.00 TBD: \$2,000,000.00 Total funding: \$2,185,000.00	Dec/24 GED received the draft geotechnical report on 11/13/24, and reviewed and provided report comments on 11/18/24. A revised draft geotechnical report will be submitted to GED on 12/11/24. The project continues in Design which is 86% complete.	83% Design (Active)	13	Contractor (On-Call)	Daniel Orris	Dept of Recreation and Parks'
30	Larissa Drive (3311-3229) Slope Mitigation, Demolition - RAP	M1201	This project is the demolition phase and will remove an existing failing gunite slope above a private property.	\$ 447,425	RPF: \$751,364.18 Total funding: \$751,364.18	Dec/24 As-builts, CPER and a Draft Acceptance Board report are being prepared.	94% Post-Construction (Active)	13	Contractor (On-Call)	Kristen Ly	Bureau of Contract Administration'
31	Larissa Drive (3311-3229) Slope Mitigation, Maintenance - RAP	M1208	This project maintains erosion control measures on a Recreation and Parks property through the 2024 Winter season until a permanent solution can be designed.	\$ 500,000	RPF: \$500,000.00 Total funding: \$500,000.00	Dec/24 Weekly site visits are underway. Due to delays in the permanent design, maintenance has been extended to 4/15/25.	73% Construction (Active)	13	Contractor (Emergency)	Kristen Ly	Dept of Recreation and Parks'
32	Medina Road (4956, 5166, and 5259) Bulkhead Replacement	M1129	This project will replace timber bulkheads at 3 locations on Medina Road.	\$ 1,400,000	SB1: \$1,827,000.00 Total funding: \$1,827,000.00	Dec/24 Project is in Construction.	70% Construction (Active)	3	Contractor (On-Call)	Elaine Lei	Bureau of Contract Administration'

Bureau of Engineering - Non-Grant Project - Hillside Slope Stability

	Project Title	Dept Proj. ID	Scope (Summary)	Estimated Const Cost	Funding	Project Status	Current Status	CD(s)	Construction Method	Project Manager	Supporting Departments
33	Mt. Washington Bulkheads	M1146	This project will construct three steel beam and pre-cast concrete lagging bulkheads at three project sites: 730 Mt. Washington Drive, height = 6-ft, length = 60 ft; 680 Quail Drive, height = 7.5 feet, length = 35 feet; and 4065 San Rafael Ave, height = 6-ft, length = 104 feet.	\$ 1,485,000	SB1: \$1,485,000.00 Total funding: \$1,485,000.00	Dec/24 Project is in Post-Construction. BCA is drafting the acceptance board report	76% Post-Construction (Active)	1	Contractor (On-Call)	Walter Carrera	Bureau of Contract Administration'
34	Mt. Washington Drive (581 and 805) Bulkheads	M1218	This project combines 2 sites: 581 Mt. Washington Drive Bulkhead (H=18-ft, L=50-ft) and 805 Mt. Washington Drive Bulkhead (H=6-ft, L = 56-ft).	\$ 1,178,000	SB1: \$1,868,000.00 Total funding: \$1,868,000.00	Dec/24 Project is in Pre-design awaiting final standards report and survey.	70% Pre-Design (Active)	1	Contractor (On-Call)	Walter Carrera	Bureau of Contract Administration'
35	Mulholland Drive (12945) Emergency Bulkhead	M1170	This emergency project constructs a bulkhead approximately 40 linear feet long to repair a washout along Mulholland Drive.	\$ 344,657	MMLRF: \$500,000.00 Total funding: \$500,000.00	Dec/24 A draft acceptance Board report was received on 8/27/24. Report is being reviewed by GED. An accounting discrepancy is being resolved with DOT.	89% Post-Construction (Active)	4	Contractor (Emergency)	Kristen Ly	Bureau of Contract Administration'
36	Mulholland Drive (13150) Debris Wall	M1184	This project will construct an upslope debris wall to mitigation sloughing onto the road due to the winter 2023 storms.	\$ 1,104,000	TBD: \$1,104,000.00 Total funding: \$1,104,000.00	Dec/24 GED and SED are working on completing design and 100% plans.	98% Design (Active)	5	Contractor (On-Call)	Rene Ramirez	Bureau of Contract Administration'
37	Mulholland Drive (15253) Slope Repair - LADWP	M1117	This project will repair a slope on the north side of Mulholland Drive that was washed out as a result of a LADWP water main break. Repair alternatives will be developed during the design phase and will restore stability to the slope, nearby utilities, and the Mulholland Drive roadway.	\$ 347,862	DWP: \$406,000.00 Total funding: \$406,000.00	Dec/24 Project is in Bid & Award. Budget request form is being prepared to submit to DWP.	60% Bid & Award (Active)	4	Contractor (On-Call)	Walter Carrera	Bureau of Contract Administration'
38	Mulholland Drive (22423-22569) Slough Wall	M1192	This project will remove a failed portion of an existing timber bulkhead and place with a new steel beam and precast concrete lagging bulkhead, approximately 70-ft long, 6-ft high. Also includes replacement of failing portions of timber lagging.	\$ 654,772	SB1: \$663,000.00 Total funding: \$663,000.00	Dec/24 Construction Order Packet awarded on 11/6/2024 and emailed to the contractor on 11/20/2024.	8% Construction (Active)	3	Contractor (On-Call)	Marjan Shenasi	Bureau of Contract Administration'
39	Mulholland Drive (23201) Bulkhead	M1150	This project will construct a steel beam and pre-cast concrete lagging bulkhead, height = 6-ft, length = 30-ft to restore lateral support to the sidewalk and roadway.	\$ 271,000	SB1: \$271,000.00 Total funding: \$271,000.00	Dec/24 Project is being prepared for Bid and Award and currently awaiting Environmental Permits	88% Bid & Award (Active)	3	Contractor (On-Call)	Walter Carrera	Bureau of Contract Administration'
40	Mulholland Drive (600' Southeast of Summit Circle) Emergency Bulkhead	M1169	This emergency project repairs a washout along Mulholland Drive with a steel beam and cast-in-place lagging bulkhead.	\$ 410,832	MMLRF: \$450,000.00 Total funding: \$450,000.00	Dec/24 A draft acceptance board report was sent to the Board report unit on 9/10/24. Pending scheduling with the Board.	89% Post-Construction (Active)	5	Contractor (Emergency)	Kristen Ly	Bureau of Contract Administration'
41	Mulholland Drive (8908) Bulkhead	M1220	This project will install a new steel beam and pre-cast concrete lagging bulkhead (H=6-ft, L=80-ft) around an existing electrical vault.	\$ 734,000	SB1: \$734,000.00 Total funding: \$734,000.00	Dec/24 A Geotechnical Design memo is being prepared. Project is pending Survey files.	87% Pre-Design (Active)	5	Contractor (On-Call)	Kristen Ly	Bureau of Contract Administration'
42	Mulholland Drive between Bowmont Drive and Skyline Drive, Sites 1 and 2	M1210	This emergency project will install two new bulkheads to repair washouts due to the early February 2024 storms.	\$ 3,592,442	SB1: \$4,854,000.00 Total funding: \$4,854,000.00	Dec/24 Project is in Post-construction. CPER, as-builts and draft acceptance board report are being prepared.	34% Post-Construction (Active)	4	Contractor (Emergency)	Kristen Ly	Bureau of Contract Administration'
43	Mulholland Drive between Bowmont Drive and Skyline Drive, Sites 3 and 4	M1211	This emergency project will construct two bulkheads to repair washouts caused by the early February 2024 storms.	\$ 1,065,200	SB1: \$1,733,000.00 Total funding: \$1,733,000.00	Dec/24 Project is in Post-Construction. As-builts are being finalized and awaiting BCA acceptance report.	54% Post-Construction (Active)	4	Contractor (Emergency)	Walter Carrera	Bureau of Contract Administration'
44	Mulholland Drive near Bowmont Drive Bulkheads	M1149	This project will install rockfill to repair washouts on the slope and install 8" high AC berm near Bowmont Drive: Site 1 height = 10.5 feet, length = 32 feet; Site 2 height = 10.5 feet, length = 32 feet; Site 3 height = 7.5 feet, length = 32 feet	\$ 418,575	SB1: \$938,000.00 Total funding: \$938,000.00	Dec/24 Project is in Post-Construction. Pending Acceptance Board Report.	72% Post-Construction (Active)	4	Contractor (On-Call)	Elaine Lei	Bureau of Contract Administration'
45	Nash Drive (8529-8569) Bulkhead	M1215	This project will remove and replace an existing failing timber bulkhead (H=6-ft, L=40-ft) and remove and recompact an eroded section of dirt roadway (W= 5-ft, L = 300-ft) to a depth of 18 inches.	\$ 463,000	SB1: \$463,000.00 Total funding: \$463,000.00	Dec/24 Design memo is being completed and project is being prepared to send to SED for Design.	41% Design (Active)	4	Contractor (On-Call)	Walter Carrera	Bureau of Contract Administration'
46	North Broadway (3660-3830) Slope Mitigation - STUDY ONLY	M1194	This study will have a consultant perform a geotechnical study and provide project plans to mitigate the oversteepened slope above Broadway.		SB1: \$500,000.00 Total funding: \$500,000.00	Dec/24 Design is ongoing.	90% Design (Active)	14	N/A - Design Project Only	Kristen Ly	Bureau of Contract Administration'
47	Oakfield Drive (4039) Bulkhead	M1133	This project will construct a bulkhead to restore lateral support to the roadway.	\$ 382,466	SB1: \$477,000.00 Total funding: \$477,000.00	Dec/24 Project is in Post-Construction. Pending Acceptance Board Report.	44% Post-Construction (Active)	4	Contractor (On-Call)	Elaine Lei	Bureau of Contract Administration'
48	Pacific View Drive (7300) Rockfall Mitigation	M1055	This project will construct rockfall mitigation measures for the slope near 7300 Pacific View Drive.	\$ 815,000	SB1: \$1,437,000.00 Total funding: \$1,437,000.00	Dec/24 Project is in Post-Construction. BCA is drafting the acceptance board report	90% Post-Construction (Active)	4	Contractor (On-Call)	Walter Carrera	Bureau of Contract Administration'
49	Paseo Del Mar (White Point) Permanent Restoration	M753	This project will re-grade the landslide and provide a structure to support the re-establishment of the Paseo Del Mar alignment.	\$ 63,465,000	GT: \$2,000,000.00 TBD: \$61,465,000.00 Total funding: \$63,465,000.00	Dec/24 Final design documents are being compiled.	37% Right of Way/Approvals (Active)	15	Contractor (Regular Award)	Kristen Ly	Bureau of Contract Administration'
50	Pheasant Drive (781) Road Abandonment	M1222	This project will remove two failing existing timber bulkheads and install pipe and board structures, regrade the roadway to redirect drainage from the downslope and install new AC berm.	\$ 2,789,000	GF: \$2,300,000.00 SB1: \$489,000.00 Total funding: \$2,789,000.00	Dec/24 A meeting with real estate was held on 11/19/24. Requests for survey, environmental, and real estate are being prepared.	83% Pre-Design (Active)	1	Contractor (On-Call)	Kristen Ly	Bureau of Contract Administration'
51	Quail Drive (495) Bulkhead	M1217	This project will replace and extend an existing timber bulkhead (L=136-ft, H=6-ft).	\$ 949,000	SB1: \$949,000.00 Total funding: \$949,000.00	Dec/24 Project is in Pre-Design. Pending Standards report.	94% Pre-Design (Active)	1	Contractor (On-Call)	Elaine Lei	Bureau of Contract Administration'
52	Rockledge Road near Woodland Way (2118) Bulkhead	M1189	This project will remove a failing existing concrete rubble wall and construct a new steel beam and precast concrete lagging bulkhead, approximately 125-ft long, 19.5-ft high	\$ 2,212,000	SB1: \$2,212,000.00 Total funding: \$2,212,000.00	Dec/24 Project is in Pre-Design. Pending Geotechnical Data Report and RED Request. Due to the roadway being located on private property, Real Estate easements are being negotiated.	99% Pre-Design (Active)	4	Contractor (On-Call)	Elaine Lei	Bureau of Contract Administration'

Bureau of Engineering - Non-Grant Project - Hillside Slope Stability

	Project Title	Dept Proj. ID	Scope (Summary)	Estimated Const Cost	Funding	Project Status	Current Status	CD(s)	Construction Method	Project Manager	Supporting Departments
53	San Marco Drive (2404 and 2433) Bulkhead	M1193	This project removes a failing timber bulkhead and constructs a new steel beam and pre-cast concrete lagging bulkhead and gradebeam approximately 80-ft long, 9-ft high	\$ 1,175,000	SB1: \$1,175,000.00 Total funding: \$1,175,000.00	Dec/24 Design is on-going.	87% Design (Active)	4	Contractor (On-Call)	Rene Ramirez	Bureau of Contract Administration'
54	Sueno Road (22430) Bulkhead	M1183	This project will construct a bulkhead to restore lateral support to the roadway along Sueno Road, length = 135 ft, height = 6-ft	\$ 981,000	TBD: \$981,000.00 Total funding: \$981,000.00	Dec/24 Project is on hold pending funding.	73% Pre-Design (Active)	3	Contractor (On-Call)	Rene Ramirez	Bureau of Contract Administration'
55	Sunland Blvd (9474) Slope Mitigation	M1188	This project addresses an over-steepened upslope from Sunland Blvd. Decrease the over-steepened slope by cutting back the slope onto private property. Currently an alternate design from GEOBRUGG debris barrier is being considered to reduce cost substantially in comparison to the original design of sloping back the slope.	\$ 325,021	SB1: \$230,000.00 Total funding: \$230,000.00	Dec/24 Construction is nearing completion.	65% Construction (Active)	7	Contractor (On-Call)	Rene Ramirez	Bureau of Contract Administration'
56	Sunnydip Trail (7200) Bulkhead	M1219	This project removed and replaces an existing failing bulkhead (H=15-ft, L=50-ft) and repairs an existing storm drain and pipe.	\$ 1,047,000	SB1: \$1,047,000.00 Total funding: \$1,047,000.00	Dec/24 Project is in Pre-design. Awaiting final survey and standards report.	85% Pre-Design (Active)	4	Contractor (On-Call)	Walter Carrera	Bureau of Contract Administration'
57	Sunset Bl (2723) Phase 4, Remedial Slope Mitigation	M1056	This project will construct rockfall mitigation measures to protect public right of way.	\$ 2,000,000	TBD: \$2,000,000.00 Total funding: \$2,000,000.00	Dec/24 Project design being done by GED.	87% Design (Active)	13	Contractor (Regular Award)	Michael Womack	Bureau of Contract Administration'
58	Sunset Bl Phase 3 - Coronado Ter to Waterloo St, Class 3 Remdial Slope Mitigation	M1057	This project will construct slope mitigation measures to protect public right of way.	\$ 2,000,000	SB1: \$410,000.00 Total funding: \$410,000.00	Dec/24 TOS being finalized for Design Consultant.	94% Design (Active)	13	Contractor (Regular Award)	Michael Womack	Bureau of Contract Administration'
59	Sunset Bl. Phase 2-Coronado Ter to Waterloo St, Class 3 Remedial Slope Mitigation	M844	This project remediates an unstable cut slope with a soil nail wall constructed of small diameter piles and shotcrete surface.	\$ 2,297,030	SB1: \$3,489,000.00 Total funding: \$3,489,000.00	Dec/24 Soil nail installation complete. Proof tests underway.	54% Construction (Active)	13	Contractor (Emergency)	Michael Womack	Bureau of Contract Administration'
60	Sunset Plaza (2057) Emergency Bulkhead	M1181	This emergency project will construct a bulkhead approximately 50-ft long, 16-ft high to restore lateral support to the roadway.	\$ 1,215,000	Measure R: \$1,642,752.00 C:\$357,248.00 Total funding: \$2,000,000.00	Dec/24 Project is pending draft acceptance board report.	84% Post-Construction (Active)	4	Contractor (Emergency)	Kristen Ly	Bureau of Contract Administration'
61	Sunswept Drive (3615) Bulkhead	M1221	This project will install a new steel beam and pre-cast concrete lagging bulkhead (H=4.5-ft, L=100-ft).	\$ 629,000	SB1: \$629,000.00 Total funding: \$629,000.00	Dec/24 Pending lab testing results from Standards for Geotechnical Investigations. Confirmed environmental documentation in progress.	87% Pre-Design (Active)	4	Contractor (On-Call)	Elyse-Anne Grepo	Bureau of Contract Administration'
62	Temescal Canyon Road (1000' N/O Pacific Coast Highway) Road Repair	M1197	This project will install a subdrain and reconstruct a portion of Temescal Canyon Road damaged by water runoff.	\$ 350,238	Prop C: \$395,912.00 Total funding: \$395,912.00	Dec/24 As-builts, CPER and a draft Acceptance Board Report are being prepared.	84% Post-Construction (Active)	11	Contractor (On-Call)	Kristen Ly	Bureau of Contract Administration', Dept of Recreation and Parks'
63	Temple Hill Drive (6164) Bulkhead	M1168	This project will restore lateral support to the roadway by constructing a bulkhead (approximate length = 64-ft, height = 8-ft), construct new curb and install metal beam guardrail.	\$ 490,000	SB1: \$585,000.00 Total funding: \$585,000.00	Dec/24 Project is in Post-Construction. Pending draft Acceptance Board Report.	77% Post-Construction (Active)	4	Contractor (On-Call)	Elaine Lei	Bureau of Contract Administration'
64	Treasure Trail (7006-7020) and Woodrow Wilson (7040) Drive Slope Mitigation	M1152	This project consists of two sites: Treasure Trail (7006-7020) to install approximately 120 Lf of K-rail with debris fence and removes slough; and Woodrow Wilson Dr (7040) to install a new steel beam and pre-cast concrete lagging bulkhead with decorative finish, height = 9-ft, length = 150 ft.	\$ 1,062,000	SB1: \$1,062,000.00 Total funding: \$1,062,000.00	Dec/24 Project is in Construction. RFI's and submittals are being reviewed.	38% Construction (Active)	4	Contractor (On-Call)	Elaine Lei	Bureau of Contract Administration'
65	Tregnan Golf Academy Road Repair - RAP	M1227	This project will remove and reconstruct a failed retaining wall leading to Tregnan Golf Academy at the request of RAP (L=130-ft, H=6-ft)	\$ 1,627,880	RPF: \$1,627,880.00 Total funding: \$1,627,880.00	Dec/24 Survey was received on 12/6.	76% Pre-Design (Active)	4	Contractor (On-Call)	Karynna Dominguez	Dept of Recreation and Parks'
66	Tuxedo Terrace (5761) Bulkhead	M1224	This project removes and replaces an existing failing retaining wall (H=7.5-ft, L=24-ft).	\$ 449,000	SB1: \$449,000.00 Total funding: \$449,000.00	Dec/24 Pre-design requests are being prepared.	10% Pre-Design (Active)	4	Contractor (On-Call)	Walter Carrera	Bureau of Contract Administration'
67	Utica Drive (8371) Bulkhead	M1128	This project will construct a new bulkhead to restore lateral support to the roadway.	\$ 425,000	SB1: \$649,000.00 Total funding: \$649,000.00	Dec/24 Project is in Post-Construction. BCA is drafting the acceptance board report	86% Post-Construction (Active)	4	Contractor (On-Call)	Walter Carrera	Bureau of Contract Administration'
68	Utica Drive (8400) Bulkhead	M1190	This project will install a new steel beam and pre-cast concrete lagging bulkhead, approximately 45-ft long, 6-ft high	\$ 372,000	SB1: \$372,000.00 Total funding: \$372,000.00	Dec/24 Project is being prepared for Bid and Award. 100% revised plans received on 12/5/24.	74% Bid & Award (Active)	4	Contractor (On-Call)	Walter Carrera	Bureau of Contract Administration'
69	Verde Street (2401) Remedial Slope Mitigation	M1030	This project repairs an unstable cut slope by constructing approximately 200 linear foot of shotcrete wall with soil-nail anchors.	\$ 2,385,664	GF: \$977,000.00 SB1: \$1,719,000.00 Total funding: \$2,696,000.00	Dec/24 GED is waiting to receive the draft acceptance board report from BCA. The project continues in Post-Construction.	76% Post-Construction (Active)	14	Contractor (On-Call)	Daniel Orris	Bureau of Contract Administration'
70	Via De Las Olas Road Rehabilitation - DESIGN ONLY	M1228	This project is for a geotechnical study and design of deep soil cement mixing piles to stabilize Via De Las Olas.		SB1: \$500,000.00 Total funding: \$500,000.00	Dec/24 The TOSAF is being prepared with scope of work, the TOS and Environmental Review Request are being prepared.	52% Pre-Design (Active)	11	N/A - Design Project Only	Llanet Gomez	Bureau of Contract Administration'
71	Vista Del Mar (8255) Bulkhead	M1191	This project will install a new steel beam and pre-cast concrete lagging bulkhead approximately 285-ft long, 10.5-ft high	\$ 3,910,000	SB1: \$3,910,000.00 Total funding: \$3,910,000.00	Dec/24 Pending the completion of 90% project plans, to incorporate the WCED review comments received on November 7. The plans need to be reviewed by the Clean Water Division's Stormwater Group. The environmental review and Coastal Commission permit is ongoing.	60% Design (Active)	11	Contractor (On-Call)	Rene Ramirez	Bureau of Contract Administration'
72	Vista Del Mar (Near 8054) Emergency Slope Mitigation	M1182	This emergency project will construct a pipe and board structure near 8054 Vista Del Mar (approximately 800' N/W of Vista Del Mar Park to restore lateral support to the roadway.	\$ 259,270	GF: \$390,000.00 Total funding: \$390,000.00	Dec/24 GED is waiting to receive the draft acceptance board report from BCA. The project continues in Post-Construction.	82% Post-Construction (Active)	11	Contractor (Emergency)	Daniel Orris	Bureau of Contract Administration'
73	Westshire Drive (2804) Bulkhead	M1134	This project will construct a retaining structure to restore lateral support to the roadway.	\$ 217,035	SB1: \$298,000.00 Total funding: \$298,000.00	Dec/24 GED is waiting on the acceptance board report to be approved by BPW. The project continues in Post-Construction.	86% Post-Construction (Active)	4	Contractor (On-Call)	Daniel Orris	Bureau of Contract Administration'

Bureau of Engineering - Non-Grant Project - Hillside Slope Stability

	Project Title	Dept Proj. ID	Scope (Summary)	Estimated Const Cost	Funding	Project Status	Current Status	CD(s)	Construction Method	Project Manager	Supporting Departments
74	Whittier Boulevard (2735) Bulkhead	M1226	This project will install a new bulkhead with decorative finish to match existing retaining walls in the area (H=12-ft, L=16-ft).	\$ 358,000	SB1: \$358,000.00 Total funding: \$358,000.00	Dec/24 Pre-design is on-going.	19% Pre-Design (Active)	14	Contractor (On-Call)	Elaine Lei	Bureau of Contract Administration'
75	Yuma Place (8320) Bulkhead	M1136	This project will construct a new bulkhead to replace an existing retaining structure.	\$ 1,300,000	SB1: \$1,639,000.00 Total funding: \$1,639,000.00	Dec/24 GED is waiting to receive the draft acceptance board report from BCA. The project continues in Post-Construction.	76% Post-Construction (Active)	4	Contractor (On-Call)	Daniel Orris	Bureau of Contract Administration'
Total				\$ 137,209,062							

Hillside Slope Stability Program

No.	CD	CIP #'s	PROJECT TITLE	PM	CONSTRUCTION VEHICLE	CONST. COST	2023												2024												2025											
							J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
1	14	M1030	Verde Street (2401) Remedial Slope Mitigation	Orris	Contractor (On-Call)	\$2,385,664	[Gantt chart bar]																																			
2	4	M1055	Pacific View Drive (7300) Rockfall Mitigation	Carrera	Contractor (On-Call)	\$1,300,000	[Gantt chart bar]																																			
3	4	M1090	Glencoe Way (2013) Bulkhead	Carrera	Contractor (On-Call)	\$800,000	[Gantt chart bar]																																			
4	1	M1089	Cross Ave (645) Bulkhead	Ramirez	Contractor (On-Call)	\$500,000	[Gantt chart bar]																																			
5	11	M799	Asilomar Boulevard Stabilization	Womack	Contractor (Regular Award)	\$7,972,546	[Gantt chart bar]																																			
6	4	M1058	Inwood Drive (13375) Retaining Wall	Orris	Contractor (On-Call)	\$602,244	[Gantt chart bar]																																			
7	VR	M1121	Erosion Control for Hillside Damage (FY 22-23)	Orris	Contractor (On-Call)	\$200,000	[Gantt chart bar]																																			
8	4	M1132	Cole Crest Drive (8464) Bulkhead	Ramirez	Contractor (On-Call)	\$496,000	[Gantt chart bar]																																			
9	5	M1169	Mulholland Drive (600' Southeast of Summit Circle) Emergency Bulkhead	Ly	Contractor (Emergency)	\$450,000	[Gantt chart bar]																																			
10	4	M1128	Utica Drive (8371) Bulkhead	Carrera	Contractor (On-Call)	\$502,910	[Gantt chart bar]																																			
11	4	M1170	Mulholland Drive (12945) Emergency Bulkhead	Ly	Contractor (Emergency)	\$344,657	[Gantt chart bar]																																			
12	4	M1134	Westshire Drive (2804) Bulkhead	Orris	Contractor (On-Call)	\$298,000	[Gantt chart bar]																																			
13	1	M1146	Mt. Washington Bulkheads	Carrera	Contractor (On-Call)	\$1,485,000	[Gantt chart bar]																																			
14	4	M1174	Crescent Drive (8904) Emergency Bulkhead	Womack	Contractor (Emergency)	\$438,146	[Gantt chart bar]																																			
15	12	M1114	Guardrail Repair on Woolsey Canyon Road	Lei	Contractor (On-Call)	\$81,800	[Gantt chart bar]																																			
16	4	M1060	Appian Way (8589) Bulkhead	Ramirez	Contractor (On-Call)	\$671,000	[Gantt chart bar]																																			
17	12	M1161	Balboa Boulevard (12000 N) Bulkhead	Womack	Contractor (On-Call)	\$811,000	[Gantt chart bar]																																			
18	3	M1173	Escobedo Drive (5159) Emergency Bulkhead	Lei	Contractor (Emergency)	\$679,205	[Gantt chart bar]																																			
19	4	M1168	Temple Hill Drive (6164) Bulkhead	Lei	Contractor (On-Call)	\$575,893	[Gantt chart bar]																																			
20	4	M1136	Yuma Place (8320) Bulkhead	Orris	Contractor (On-Call)	\$1,522,000	[Gantt chart bar]																																			
21	4	M1181	Sunset Plaza (2057) Emergency Bulkhead	Ly	Contractor (Emergency)	\$1,681,000	[Gantt chart bar]																																			
22	4	M1175	Crescent Drive (8744) Emergency Bulkhead	Womack	Contractor (Emergency)	\$800,000	[Gantt chart bar]																																			
23	3	M1176	Bedel Street (4651) Slope Mitigation	Lei	Contractor (Emergency)	\$390,902	[Gantt chart bar]																																			
24	11	M1182	Vista Del Mar (Near 8054) Emergency Slope Mitigation	Orris	Contractor (Emergency)	\$390,000	[Gantt chart bar]																																			
25	11	M1197	Temescal Canyon Road (1000' N/O Pacific Coast Highway) Road Repair	Ly	Contractor (On-Call)	\$750,000	[Gantt chart bar]																																			
26	13	M1201	Larissa Drive (3311-3229) Slope Mitigation, Demolition - RAP	Ly	Contractor (On-Call)	\$447,425	[Gantt chart bar]																																			
27	4	M1133	Oakfield Drive (4039) Bulkhead	Lei	Contractor (On-Call)	\$382,466	[Gantt chart bar]																																			
28	VR	M1185	Erosion Control for Hillside Damage (FY 23-24)	Orris	Contractor (On-Call)	\$500,000	[Gantt chart bar]																																			
29	4	M1130	Crescent Drive (8483-8764) Bulkheads	Womack	Contractor (On-Call)	\$5,000,000	[Gantt chart bar]																																			
30	4	M1147	Dixie Canyon Avenue (3601-3600) Bulkhead and Slope Stabilization	Lei	Contractor (On-Call)	\$400,362	[Gantt chart bar]																																			
31	13	M1208	Larissa Drive (3311-3229) Slope Mitigation, Maintenance - RAP	Ly	Contractor (Emergency)	\$500,000	[Gantt chart bar]																																			
32	4	M1210	Mulholland Drive between Bowmont Drive and Skyline Drive, Sites 1 and 2	Ly	Contractor (Emergency)	\$4,854,000	[Gantt chart bar]																																			
33	4	M1211	Mulholland Drive between Bowmont Drive and Skyline Drive, Sites 3 and 4	Carrera	Contractor (Emergency)	\$1,733,000	[Gantt chart bar]																																			
34	4	M1149	Mulholland Drive near Bowmont Drive Bulkheads	Lei	Contractor (On-Call)	\$938,000	[Gantt chart bar]																																			
35	5	M1213	Benedict Canyon Drive (2940) Emergency Bulkhead	Ly	Contractor (Emergency)	\$849,000	[Gantt chart bar]																																			
36	13	M1131	Avon Park Terrace (1431-1461) Bulkhead	Lei	Contractor (On-Call)	\$1,070,710	[Gantt chart bar]																																			
37	3	M1129	Medina Road (4956, 5166, and 5259) Bulkhead Replacement	Lei	Contractor (On-Call)	\$1,317,190	[Gantt chart bar]																																			
38	13	M844	Sunset Bl. Phase 2-Coronado Ter to Waterloo St, Class 3 Remedial Slope Mitigation	Womack	Contractor (Emergency)	\$2,756,437	[Gantt chart bar]																																			



Hillside Slope Stability Program

Baseline Master Schedule FY 2024/25
December 17, 2024

No.	CD	CIP #'s	PROJECT TITLE	PM	CONSTRUCTION VEHICLE	CONST. COST	2023												2024												2025											
							J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
39	7	M1188	Sunland Blvd (9474) Slope Mitigation	Ramirez	Contractor (On-Call)	\$325,021	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
40	4	M1152	Treasure Trail (7006-7020) and Woodrow Wilson (7040) Drive Slope Mitigation	Lei	Contractor (On-Call)	\$1,062,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
41	4	M1200	Gould Avenue (8294) Bulkhead	Dominguez	Contractor (On-Call)	\$523,342	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
42	7	M1151	Glenoaks Blvd (10810) Slope Mitigation	Ramirez	Contractor (On-Call)	\$1,874,588	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
43	3	M1186	Bedel Street (4600 Block) Upslope Debris Wall	Carrera	Contractor (On-Call)	\$577,648	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
44	4	M1206	Crescent Drive (9192) Bulkhead	Orris	Contractor (On-Call)	\$391,068	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
45	VR	M1214	Erosion Control for Hillside Damage (FY 24-25)	Orris	Contractor (On-Call)	\$200,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
46	1	M1187	Avenue 53 (410 N) Bulkhead	Shenasi	Contractor (On-Call)	\$608,653	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
47	3	M1192	Mulholland Drive (22423-22569) Slough Wall	Shenasi	Contractor (On-Call)	\$654,772	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
48	4	M1190	Utica Drive (8400) Bulkhead	Carrera	Contractor (On-Call)	\$372,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
49	4	M1117	Mulholland Drive (15253) Slope Repair - LADWP	Carrera	Contractor (On-Call)	\$347,862	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
50	3	M1150	Mulholland Drive (23201) Bulkhead	Carrera	Contractor (On-Call)	\$271,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
51	4	M1193	San Marco Drive (2404 and 2433) Bulkhead	Ramirez	Contractor (On-Call)	\$1,175,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
52	4	M1215	Nash Drive (8529-8569) Bulkhead	Carrera	Contractor (On-Call)	\$463,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
53	5	M1184	Mulholland Drive (13150) Debris Wall	Ramirez	Contractor (On-Call)	\$1,104,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
54	11	M1216	Enchanted Way (711) Bulkhead	Orris	Contractor (On-Call)	\$1,245,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
55	11	M1191	Vista Del Mar (8255) Bulkhead	Ramirez	Contractor (On-Call)	\$3,910,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
56	4	M1219	Sunnydip Trail (7200) Bulkhead	Carrera	Contractor (On-Call)	\$1,047,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
57	5	M1220	Mulholland Drive (8908) Bulkhead	Ly	Contractor (On-Call)	\$734,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
58	1	M1217	Quail Drive (495) Bulkhead	Lei	Contractor (On-Call)	\$949,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
59	4	M1221	Sunswept Drive (3615) Bulkhead	Grepo	Contractor (On-Call)	\$629,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
60	3	M1223	Cass Avenue (23064-23256) Retaining Curb	Gomez	Contractor (On-Call)	\$900,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
61	4	M1224	Tuxedo Terrace (5761) Bulkhead	Carrera	Contractor (On-Call)	\$449,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
62	13	M1225	Avon Street (1923) Bulkhead	Orris	Contractor (On-Call)	\$646,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
63	14	M1226	Whittier Boulevard (2735) Bulkhead	Lei	Contractor (On-Call)	\$358,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
64	13	M1057	Sunset BI Phase 3 - Coronado Ter to Waterloo St, Class 3 Remdial Slope Mitigation	Womack	Contractor (Regular Award)	\$2,000,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
65	4	M1189	Rockledge Road near Woodland Way (2118) Bulkhead	Lei	Contractor (On-Call)	\$2,212,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
66	1	M1218	Mt. Washington Drive (581 and 805) Bulkheads	Carrera	Contractor (On-Call)	\$1,868,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
67	4	M1212	Bronson Canyon Entry and Retaining Wall - RAP	Ly	Contractor (On-Call)	\$566,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
68	3	M1183	Sueno Road (22430) Bulkhead	Ramirez	Contractor (On-Call)	\$981,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
69	13	M1209	Larissa Drive (3311-3229) Permanent Slope Mitigation - RAP	Orris	Contractor (On-Call)	\$2,000,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
70	15	M753	Paseo Del Mar (White Point) Permanent Restoration	Ly	Contractor (Regular Award)	\$43,000,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
71	4	M1227	Tregnan Golf Academy Road Repair - RAP	Dominguez	Contractor (On-Call)	\$1,627,880	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
72	13	M1056	Sunset BI (2723) Phase 4, Remedial Slope Mitigation	Womack	Contractor (Regular Award)	\$2,000,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
73	1	M1222	Pheasant Drive (781) Road Abandonment	Ly	Contractor (On-Call)	\$2,789,000	[Gantt bar with Design, Construction, and Progress phases]												[Gantt bar with Construction and Progress phases]												[Gantt bar with Progress phase]											
74	14	M1194	North Broadway (3660-3830) Slope Mitigation - STUDY ONLY	Ly	N/A - Design Project Only	\$500,000	[Gantt bar with Design phase]												[Gantt bar with Design phase]												[Gantt bar with Design phase]											
75	11	M1228	Via De Las Olas Road Rehabilitation - DESIGN ONLY	Gomez	N/A - Design Project Only	\$500,000	[Gantt bar with Design phase]												[Gantt bar with Design phase]												[Gantt bar with Design phase]											

