

CITY OF MANHATTAN BEACH

MEMORANDUM

TO: Parking and Public Improvements Commission

THROUGH: Richard Thompson, Director of Community Development

FROM: Tony Olmos, Director of Public Works

DATE: April 24, 2014

SUBJECT: Review of Proposed Fiscal Year 2014-2015 Capital Improvement Plan (CIP)

RECOMMENDATION:

Staff recommends that the Parking and Public Improvements Commission review the proposed Fiscal Year 2014-2015 Capital Improvement Plan and provide comments that will be provided to the City Council.

BACKGROUND:

Annually, the City Council considers and approves projects to be funded in the upcoming fiscal year. Historically, the CIP has been presented and approved in connection with the City's review and approval of the annual Operating Budget.

DISCUSSION:

Public Works staff is pleased to submit the FY 2014-2015 CIP for review and comment by the Parking and Public Improvements Commission (PPIC). Attachment A is the FY2015-2019 projects by type spreadsheet, which provides a list of all projects. Those projects recommended for PPIC review can be found in the FY 2014-2015 column. Attachment B provides detailed descriptions of each project for the FY 2015-2019 CIP. On June 17, 2014, City Council is tentatively scheduled to conduct a Public Hearing to consider adoption of the FY 2014-2015 CIP. If adopted by the City Council, appropriations will be available for projects identified in FY 2014-2015 on July 1, 2014.

The FY 2014-2015 CIP includes new projects and projects that have been previously approved that require FY 2014-2015 funds to complete.

The FY 2014-2015 CIP new projects list includes:

WASTEWATER
FY14-15 Rehabilitation of Gravity Sewer Mains (Spot Repairs)
Poinsettia Sewage Lift Station Replacement and Force Main Replacement
WATER
Block 35 Booster Discharge Line Replacement
Paint Block 35 Elevated Tank
Chloramination System at Wells 11 & 15
Herrin/Marine Pipe Installation
Peck Ground Level Reservoir Replacement
Peck Reservoir Booster Pump Variable Frequency
STORMWATER
Storm Drain Projects (spot repairs and sections)
STREETS
FY14-15 – 18-19 Non-Motorized Transportation Crosswalks, Bike Lanes, etc.
Signalized Crosswalk: MBB @ Target Driveway
Raised Median Construction: MBB, west of Aviation
CDBG Access Ramp Construction Project
FY14-15 – 18-19 Annual Curb, Gutter and Ramp Replacement Project (FY14-15 project includes Parkview Ave)
Street Resurfacing Project: MBB (Sepulveda to Aviation)
Street Resurfacing Project: Blanche, Marine, Oak, 27 th St & 11 th St
FY14-15 – 18-19 Annual Slurry Seal Program (FY14-15 project includes Areas 2 & 3)
Morningside Drive Rehabilitation (10 th PI to MBB)

FACILITIES

Management Services Division Office Remodel

Citywide Sign Program

Fire Station 2 Design Development and Interim Improvements
--

Fire Station Security Card Installation

Veterans Park Phase I

Facility Improvements

Pier Improvements

City-Owned Refuse Enclosure Improvements
--

PARKING

Parking Structure Structural Rehabilitation/Reinvestment
--

Lot 1 Retaining Wall (10 th & Bayview)

The FY 2014-2015 CIP projects that have been previously approved but need additional funding to be completed include:

WATER

Pipe Replacement Program and Fire Hydrant Installation
--

STREETS

Sepulveda Bridge Widening (Prop C Local, Safetea-Lu Earmark, and Measure R South Bay)

Cycle 3 Safe Routes to School Program

FACILITIES

Pier Comfort Station

Comments provided by the PPIC will be forwarded to the City Council for consideration. The FY 2014-2015 CIP was reviewed by the City Planning Commission at their April 23, 2014 meeting in order to determine that the proposed CIP is consistent with the City of Manhattan Beach General Plan.

Attachments:

- A) Proposed FY 2015-2019 CIP Projects by Type Spreadsheet
- B) Proposed FY 2015-2019 CIP Project Summary Sheets

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 PPIC Attachment A
 2015-2019 PROPOSED Capital Improvement Plan Projects by Type

City of Manhattan Beach, Capital Improvement Plan 2015-2019 DRAFT PROJECTS BY TYPE FOR FY2014-15 THRU FY2018-19											BY TYPE
PROJECT TITLE	Carryover Project Number	Carryover Project Original Funding Yr	Status as of 04/04/14	Carryover Project Funds Remaining	FY2014-15	FY2015-16	FY2016-17	FY2017-18	FY2018-19	FIVE YEAR TOTAL (Includes Carryover Project Funds Remaining & New Funds)	FUND SOURCE(S)
SUMMARY ALL PROJECT TYPES											
WASTEWATER PROJECTS				\$ 1,798,070	\$ 400,000	\$ 4,500,000	\$ 3,800,000	\$ 2,300,000	\$ 2,900,000	\$ 15,698,070	See Below
WATER PROJECTS				\$ 2,714,118	\$ 4,381,025	\$ 5,675,750	\$ 13,974,250	\$ 4,000,000	\$ 5,700,000	\$ 36,445,143	See Below
STORMWATER PROJECTS				\$ -	\$ 440,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 3,040,000	See Below
STREETS PROJECTS (w/out Sep Bdg)				\$ 7,778,188	\$ 2,758,600	\$ 6,410,000	\$ 1,655,000	\$ 815,000	\$ 815,000	\$ 20,231,788	See Below
FACILITIES PROJECTS				\$ -	\$ 1,410,000	\$ 1,297,825	\$ 1,150,000	\$ 1,350,000	\$ 1,000,000	\$ 6,207,825	See Below
FACILITIES PROJECTS (Special Revenue Funds)				\$ 1,333,039	\$ 1,230,000	\$ 555,000	\$ -	\$ -	\$ -	\$ 3,118,039	See Below
PARKING PROJECTS				\$ 136,334	\$ 517,000	\$ 550,000	\$ 464,500	\$ -	\$ -	\$ 1,667,834	See Below
FUNDED PROJECTS BY TYPE SUBTOTAL				\$ 13,759,749	\$ 11,136,625	\$ 19,638,575	\$ 21,693,750	\$ 9,115,000	\$ 11,065,000	\$ 86,408,699	
STREETS (Sepulveda Bridge)				\$ 14,088,077	\$ 5,895,200	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 20,983,277	
FUNDED PROJECTS BY TYPE TOTAL				\$ 27,847,826	\$ 17,031,825	\$ 20,638,575	\$ 21,693,750	\$ 9,115,000	\$ 11,065,000	\$ 107,391,976	

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WASTEWATER PROJECTS											
PROJECT TITLE	Carryover Project Number	Carryover Project Original Funding Yr	Status as of 04/04/14	Carryover Project Funds Remaining	FY2014-15	FY2015-16	FY2016-17	FY2017-18	FY2018-19	FIVE YEAR TOTAL (Includes Carryover Project Funds Remaining & New Funds)	FUND SOURCE(S)
WASTEWATER PROJECTS											
1	Utility Radio Telemetry	11838E	FY 2010-11	work in progress	\$ 114,849					\$ 114,849	Wastewater Fund
2	FY11-12 Rehabilitation of Gravity Sewer Mains (Phase 2)	13835E	FY2011-12	design	\$ 1,683,221					\$ 1,683,221	Wastewater Fund
3	FY14-15 Rehabilitation of Gravity Sewer Mains (Spot Repairs)				\$ 100,000	\$ 1,200,000				\$ 1,300,000	Wastewater Fund
4	FY15-16 Rehabilitation of Gravity Sewer Mains					\$ 150,000	\$ 1,400,000			\$ 1,550,000	Wastewater Fund
5	FY17-18 Rehabilitation of Gravity Sewer Mains (area 5, 6, 7)							\$ 150,000	\$ 1,000,000	\$ 1,150,000	Wastewater Fund
6	Poinsettia Sewage Lift Station Replacement and Force Main Replacement				\$ 300,000	\$ 2,900,000				\$ 3,200,000	Wastewater Fund
7	Pacific Lift Station Upgrade, Emergency Storage, and Force Main Replacement					\$ 250,000	\$ 2,150,000			\$ 2,400,000	Wastewater Fund
8	Voorhees Lift Station Upgrade, Emergency Storage, and Force Main Replacement						\$ 250,000	\$ 1,900,000		\$ 2,150,000	Wastewater Fund
9	Meadows Lift Station Upgrade, Emergency Storage, and Force Main							\$ 250,000	\$ 1,700,000	\$ 1,950,000	Wastewater Fund
10	Palm Lift Station Upgrade, Emergency Storage, and Force Main								\$ 200,000	\$ 200,000	Wastewater Fund
Wastewater Projects TOTAL					\$ 1,798,070	\$ 400,000	\$ 4,500,000	\$ 3,800,000	\$ 2,300,000	\$ 2,900,000	\$ 15,698,070

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City of Manhattan Beach, Capital Improvement Plan 2015-2019											BY TYPE	
DRAFT PROJECTS BY TYPE FOR FY2014-15 THRU FY2018-19												
WATER PROJECTS												
	PROJECT TITLE	Carryover Project Number	Carryover Project Original Funding Yr	Status as of 04/04/14	Carryover Project Funds Remaining	FY2014-15	FY2015-16	FY2016-17	FY2017-18	FY2018-19	FIVE YEAR TOTAL (Includes Carryover Project Funds Remaining & New Funds)	FUND SOURCE(S)
WATER PROJECTS												
1	Utility Radio Telemetry (Fiber Op Imp)	11834E	FY 2010-11	work in progress	\$ 316,972						\$ 316,972	Water Fund
2	Larsson Street Booster Station Improvement	12828E	FY 2011-12	design	\$ 486,045						\$ 486,045	Water Fund
3	Water Main Replacement: Sepulveda Boulevard & 2nd Street (Sep-MBB to 2nd; 2nd-Larsson Booster to 2nd St Booster)	12829E	FY2011-12	design	\$ 1,793,908						\$ 1,793,908	Water Fund
4	Pipe Replacement Program and Fire Hydrant Installation (Area 2)	13833E	FY 2012-13	design	\$ 117,194	\$ 1,600,000					\$ 1,717,194	Water Fund
5	Pipe Replacement Program and Fire Hydrant Installation (Area 3)						\$ 100,000	\$ 900,000			\$ 1,000,000	Water Fund
6	Pipe Replacement Program and Fire Hydrant Installation (Area 5, 6, 7)								\$ 300,000	\$ 2,000,000	\$ 2,300,000	Water Fund
7	Block 35 Ground Level Reservoir Replacement							\$ 2,100,000	\$ 3,700,000	\$ 3,700,000	\$ 9,500,000	Water Fund
8	Block 35 Booster Discharge Line Replacement					\$ 253,125					\$ 253,125	Water Fund
9	Paint Block 35 Elevated Tank					\$ 500,000					\$ 500,000	Water Fund
10	Well Collection line From Well 11A to Block 35						\$ 1,275,750	\$ 4,474,250			\$ 5,750,000	Water Fund
11	Chloramination System at Wells 11 & 15					\$ 352,000					\$ 352,000	Water Fund
12	Redrill & Equip Well 15						\$ 300,000	\$ 2,500,000			\$ 2,800,000	Water Fund
13	Herrin/Marine Pipe Installation					\$ 75,900					\$ 75,900	Water Fund
14	Peck Ground Level Reservoir Replacement					\$ 1,500,000	\$ 4,000,000	\$ 4,000,000			\$ 9,500,000	Water Fund
15	Peck Reservoir Booster Pump Variable Frequency					\$ 100,000					\$ 100,000	Water Fund
Water Projects TOTAL					\$ 2,714,118	\$ 4,381,025	\$ 5,675,750	\$ 13,974,250	\$ 4,000,000	\$ 5,700,000	\$ 36,445,143	

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STORMWATER PROJECTS												
	PROJECT TITLE	Carryover Project Number	Carryover Project Original Funding Yr	Status as of 04/04/14	Carryover Project Funds Remaining	FY2014-15	FY2015-16	FY2016-17	FY2017-18	FY2018-19	FIVE YEAR TOTAL (Includes Carryover Project Funds Remaining & New Funds)	FUND SOURCE(S)
	STORMWATER PROJECTS											
1	Stormwater Quality Improvement Catch Basin Inserts						\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 840,000	Storm Drain Fund
2	Storm Drain Projects (spot repairs & sections)					\$ 440,000	\$ 440,000	\$ 440,000	\$ 440,000	\$ 440,000	\$ 2,200,000	Storm Drain Fund
	Stormwater Projects TOTAL				\$ -	\$ 440,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 3,040,000	

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City of Manhattan Beach, Capital Improvement Plan 2015-2019 DRAFT PROJECTS BY TYPE FOR FY2014-15 THRU FY2018-19											BY TYPE
STREETS / TRANSPORTATION											
PROJECT TITLE	Carryover Project Number	Carryover Project Original Funding Yr	Status as of 04/04/14	Carryover Project Funds Remaining	FY2014-15	FY2015-16	FY2016-17	FY2017-18	FY2018-19	FIVE YEAR TOTAL (Includes Carryover Project Funds Remaining & New Funds)	FUND SOURCE(S)
CAPACITY ENHANCEMENTS (GRANT FUNDED)											
1	Sepulveda Bridge Widening Prop C Local (merged 08827 & 10827)	10827E	FY 2009-10	design	\$ 1,720,415	\$ 1,145,200	\$ 1,000,000			\$ 3,865,615	Proposition C
2	Sepulveda Bridge Widening (33rd/Valley) *Safetea-Lu Earmark	11830E	FY 2010-11	design	\$ 1,004,337	\$ 200,000				\$ 1,204,337	Proposition C
3	Sepulveda Bridge Widening MTA Call	13840E	FY 2012-13	design	\$ 6,813,325					\$ 6,813,325	Proposition C
4	Sepulveda Bridge Widening Measure R South Bay	13841E	FY 2012-13	design	\$ 4,550,000	\$ 4,550,000				\$ 9,100,000	Proposition C
5	Rosecrans Utility Undergrounding	05820E	FY2004-05	design	\$ 29,773					\$ 29,773	Proposition C
6	So Rosecrans Utility Undergrounding-Street Work	04824E	FY 2003-04	design	\$ 178,626					\$ 178,626	Proposition C
7	South Side Rosecrans Ave. Widening	07822E	FY 2006-07	design	\$ 346,396					\$ 346,396	Proposition C
8	Dual Left-Turn Lanes on Marine Ave at Sepulveda Blvd. WB to SB (Gas Tax & Measure R South Bay Hwy)	12821E	FY 2011-12	design	\$ 335,000					\$ 335,000	Gas Tax Fund
9	Dual Left-Turn Lanes on MBB at Sepulveda EB to NB, NB to WB, WB to SB (Proposition C & Measure R South Bay Hwy)	09823E	FY 2008-09	on hold	\$ 383,203		\$ 980,000			\$ 1,363,203	Proposition C
10	Sepulveda Blvd. & 8th St Intersection Improvements (NB & SB from Sep to 8th) (Highway Safety Improvement Program 10% match)		FY2013-14		\$ 248,800					\$ 248,800	Gas Tax Fund
11	Aviation at Artesia, SB to WB Right-Turn Lane (Gas Tax & Measure R South Bay Hwy)					\$ 1,500,000				\$ 1,500,000	Gas Tax Fund
12	Dual Left-Turn Lanes, Aviation at Marine, SB to EB Lefts (Gas Tax & Measure R South Bay Hwy)					\$ 1,500,000				\$ 1,500,000	Gas Tax Fund
	Subtotal (Sepulveda Bridge)				\$ 14,088,077	\$ 5,895,200	\$ 1,000,000	\$ -	\$ -	\$ 20,983,277	
	Subtotal (Other)				\$ 1,521,798	\$ -	\$ 3,980,000	\$ -	\$ -	\$ 5,501,798	
	Subtotal (Combined)				\$ 15,609,875	\$ 5,895,200	\$ 4,980,000	\$ -	\$ -	\$ 26,485,075	
PEDESTRIAN AND SAFETY IMPROVEMENTS											
13	Strand Stairs: Design	09825E	FY 2008-09	design	\$ 290,799					\$ 290,799	CIP Fund
14	Strand Stairs: Construction	10824E	FY2009-10	design	\$ 1,572,910					\$ 1,572,910	CIP Fund
15	Cycle 3 Safe Routes to School Program	13842E	FY2012-13	pre-design	\$ 65,000	\$ 425,600				\$ 490,600	CIP Fund & State Grant Funds
16	Cycle 10 Safe Routes to School Program	13844E	FY 2012-13	pre-design	\$ 497,500					\$ 497,500	CIP Fund & State Grant Funds
17	12-13 Non-Motorized Transportation Crosswalks, Bike lanes, etc.	13829E	FY 2012-13	pre-design	\$ 100,000					\$ 100,000	CIP Fund
18	14-15 - 18-19 Non-Motorized Transportation Crosswalks, Bike Lanes, etc.					\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	CIP Fund
19	Install Traffic Signal at Highland Avenue and 38 th Street					\$ 215,000				\$ 215,000	Measure R Local Return
20	Signalized Crosswalk: MBB @ Target Driveway					\$ 185,000				\$ 185,000	Measure R Local Return
21	Raised Median Construction: MBB, west of Aviation					\$ 150,000				\$ 150,000	Measure R Local Return
22	CDBG Access Ramp Construction Project					\$ 208,000				\$ 208,000	CIP Fund (CDBG Funds)
	Subtotal				\$ 2,526,209	\$ 1,068,600	\$ 315,000	\$ 100,000	\$ 100,000	\$ 4,209,809	

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2015-2019 PROPOSED Capital Improvement Plan Projects by Type

City of Manhattan Beach, Capital Improvement Plan 2015-2019 DRAFT PROJECTS BY TYPE FOR FY2014-15 THRU FY2018-19											BY TYPE	
STREETS / TRANSPORTATION Con'd												
PROJECT TITLE	Carryover Project Number	Carryover Project Original Funding Yr	Status as of 04/04/14	Carryover Project Funds Remaining	FY2014-15	FY2015-16	FY2016-17	FY2017-18	FY2018-19	FIVE YEAR TOTAL (Includes Carryover Project Funds Remaining & New Funds)	FUND SOURCE(S)	
CONCRETE REPAIRS												
23	FY13-14 Annual Curb, Gutter and Ramp Replacement Project		FY2013-14	bid process	\$ 365,000						\$ 365,000	Gas Tax Fund
24	14-15 - 18-19 Annual Curb, Gutter and Ramp Replacement Project <i>(FY14-15 project includes Parkview Avenue)</i>				\$ 515,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 1,975,000	Gas Tax Fund
	Subtotal				\$ 365,000	\$ 515,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 365,000	\$ 2,340,000	
ASPHALT PAVEMENT PROJECTS												
25	Street Resurfacing Project: Rosecrans Avenue (Sepulveda Blvd to Redondo Ave)	11822E	FY 2010-11	design	\$ 250,000						\$ 250,000	Gas Tax Fund (MTA STPL)
26	Street Resurfacing Project: Ardmore and Valley	12820E	FY 2011-12	finalizing notice of completion	\$ 130,946						\$ 130,946	Gas Tax Fund
27	Manhattan Ave./Highland Ave. Improvement Project (1st-8th) (Proposition 1B)	10823E	FY 2009-10	design	\$ 704,236						\$ 704,236	Gas Tax Fund
28	Triennial Pavement Management System Update		FY 2013-14	preparing RFP	\$ 40,000		\$ 40,000				\$ 80,000	Gas Tax Fund
29	Street Resurfacing Project: MBB (Sepulveda to Aviation)				\$ 100,000	\$ 900,000					\$ 1,000,000	Gas Tax Fund
30	Street Resurfacing Project: Marine (Sepulveda to Aviation)						\$ 800,000				\$ 800,000	Gas Tax Fund
31	Street Resurfacing Project: Blanche, Marine, Oak, 27th St & 11th St				\$ 125,000	\$ 500,000					\$ 625,000	Gas Tax Fund
32	FY14-15 - 18-19 Annual Slurry Seal Program <i>(FY14-15 includes Areas 2 and 3)</i>				\$ 700,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 2,100,000	Gas Tax Fund
33	Morningside Drive Rehabilitation (10th PI to MBB)				\$ 250,000						\$ 250,000	Gas Tax Fund
	Subtotal				\$ 1,125,182	\$ 1,175,000	\$ 1,750,000	\$ 1,190,000	\$ 350,000	\$ 350,000	\$ 5,940,182	
MISCELLANEOUS STREETS PROJECTS												
34	Downtown Streetscape Improvements: Tile Crosswalk Replacement	13823E	FY 2012-13	design	\$ 825,000						\$ 825,000	CIP Fund
35	Downtown Streetscape Improvements: Pavement Rehabilitation & Traffic Striping	13824E	FY 2012-13	design	\$ 315,000						\$ 315,000	CIP Fund
36	Downtown Streetscape Improvements: Traffic Signal Pole Replacement (16 poles)	13822E	FY 2012-13	on hold pending downtown specific plan	\$ 1,100,000						\$ 1,100,000	CIP Fund
	Subtotal				\$ 2,240,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,240,000	
	Streets (Sepulveda Bridge)				\$ 14,088,077	\$ 5,895,200	\$ 1,000,000	\$ -	\$ -		\$ 20,983,277	
	Streets (Other)				\$ 7,778,188	\$ 2,758,600	\$ 6,410,000	\$ 1,655,000	\$ 815,000	\$ 815,000	\$ 20,231,788	
	Streets Projects TOTAL				\$ 21,866,265	\$ 8,653,800	\$ 7,410,000	\$ 1,655,000	\$ 815,000	\$ 815,000	\$ 41,215,065	

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FACILITIES											
PROJECT TITLE	Carryover Project Number	Carryover Project Original Funding Yr	Status as of 04/04/14	Carryover Project Funds Remaining	FY2014-15	FY2015-16	FY2016-17	FY2017-18	FY2018-19	FIVE YEAR TOTAL (Includes Carryover Project Funds Remaining & New Funds)	FUND SOURCE(S)
FACILITIES											
1	Management Services Division Office Remodel				\$ 265,000					\$ 265,000	CIP Fund
2	Citywide Sign Program				\$ 40,000					\$ 40,000	CIP Fund
3	Fire Station 2 Design Development and Interim Improvements				\$ 430,000					\$ 430,000	CIP Fund
4	Live Oak Tot Lot Reconstruction						\$ 150,000	\$ 350,000		\$ 500,000	CIP Fund
5	Fire Station Security Card Installation				\$ 40,000					\$ 40,000	CIP Fund
6	Veterans Park Phase I				\$ 135,000					\$ 135,000	CIP Fund
7	Veterans Park Phase II					\$ 297,825				\$ 297,825	CIP Fund
8	Facility Improvements				\$ 500,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,500,000	CIP Fund
CIP Fund Facilities Projects TOTAL					\$ -	\$ 1,410,000	\$ 1,297,825	\$ 1,150,000	\$ 1,350,000	\$ 1,000,000	\$ 6,207,825

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City of Manhattan Beach, Capital Improvement Plan 2015-2019 DRAFT PROJECTS BY TYPE FOR FY2014-15 THRU FY2018-19											BY TYPE	
FACILITIES (SPECIAL REVENUE FUNDS)												
	PROJECT TITLE	Carryover Project Number	Carryover Project Original Funding Yr	Status as of 04/04/14	Carryover Project Funds Remaining	FY2014-15	FY2015-16	FY2016-17	FY2017-18	FY2018-19	FIVE YEAR TOTAL (Includes Carryover Project Funds Remaining & New Funds)	FUND SOURCE(S)
FACILITIES (SPECIAL REVENUE FUNDS)												
9	Marine Avenue Park Synthetic Grass Field	13843E	FY 2012-13	construction	\$ 129,251						\$ 129,251	Public/Private Partnerships
10	City Yard Cover	10830E (CIP) 10834E (Water) 10839E (Storm) 10841E (WW) 10844E (Rfs)	FY 2009-10	design	\$ 783,788						\$ 783,788	CIP Fund Water Fund Storm Fund WW Fund Refuse Fund
11	Pier Roundhouse	13838E	FY 2012-13	pre-design	\$ 270,000						\$ 270,000	State Pier Fund
12	Pier Comfort Station	13839E	FY 2012-13	pre-design	\$ 150,000	\$ 80,000					\$ 230,000	State Pier Fund
13	Pier Improvements					\$ 1,000,000					\$ 1,000,000	State Pier Fund
14	City-Owned Refuse Enclosure Improvements					\$ 150,000	\$ 555,000				\$ 705,000	Refuse Fund
Other Fund Sources Facilities Projects TOTAL					\$ 1,333,039	\$ 1,230,000	\$ 555,000	\$ -	\$ -	\$ -	\$ 3,118,039	

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PARKING PROJECTS												
	PROJECT TITLE	Carryover Project Number	Carryover Project Original Funding Yr	Status as of 04/04/14	Carryover Project Funds Remaining	FY2014-15	FY2015-16	FY2016-17	FY2017-18	FY2018-19	FIVE YEAR TOTAL (Includes Carryover Project Funds Remaining & New Funds)	FUND SOURCE(S)
PARKING PROJECTS												
1	North End Business District Streetscape	07829E	FY 2006-07	pending	\$ 136,334						\$ 136,334	Parking Fund
2	Parking Structure Structural Rehabilitation/Reinvestment (Based on findings of Structural Inspection)					\$ 417,000	\$ 550,000	\$ 464,500			\$ 1,431,500	Parking Fund
3	Lot 1 Retaining Wall (10th & Bayview)					\$ 100,000					\$ 100,000	Parking Fund
	Parking Projects TOTAL				\$ 136,334	\$ 517,000	\$ 550,000	\$ 464,500	\$ -	\$ -	\$ 1,667,834	

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SUMMARY ALL PROJECT TYPES											
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WASTEWATER PROJECTS				\$ 1,798,070	\$ 400,000	\$ 4,500,000	\$ 3,800,000	\$ 2,300,000	\$ 2,900,000	\$ 15,698,070	See Above
WATER PROJECTS				\$ 2,714,118	\$ 4,381,025	\$ 5,675,750	\$ 13,974,250	\$ 4,000,000	\$ 5,700,000	\$ 36,445,143	See Above
STORMWATER PROJECTS				\$ -	\$ 440,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 3,040,000	See Above
STREETS PROJECTS (w/out Sep Bdg)				\$ 7,778,188	\$ 2,758,600	\$ 6,410,000	\$ 1,655,000	\$ 815,000	\$ 815,000	\$ 20,231,788	See Above
FACILITIES PROJECTS				\$ -	\$ 1,410,000	\$ 1,297,825	\$ 1,150,000	\$ 1,350,000	\$ 1,000,000	\$ 6,207,825	See Above
FACILITIES PROJECTS (Special Revenue Funds)				\$ 1,333,039	\$ 1,230,000	\$ 555,000	\$ -	\$ -	\$ -	\$ 3,118,039	See Above
PARKING PROJECTS				\$ 136,334	\$ 517,000	\$ 550,000	\$ 464,500	\$ -	\$ -	\$ 1,667,834	See Above
FUNDED PROJECTS BY TYPE SUBTOTAL				\$ 13,759,749	\$ 11,136,625	\$ 19,638,575	\$ 21,693,750	\$ 9,115,000	\$ 11,065,000	\$ 86,408,699	
STREETS (Sepulveda Bridge)				\$ 14,088,077	\$ 5,895,200	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 20,983,277	
FUNDED PROJECTS BY TYPE TOTAL				\$ 27,847,826	\$ 17,031,825	\$ 20,638,575	\$ 21,693,750	\$ 9,115,000	\$ 11,065,000	\$ 107,391,976	

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Project Information**

Carryover Project Type: Utilities – wastewater and water
Carryover Project number: 11838E

**Carryover
Project Title:**

Utility Telemetry (Fiber Optic Improvements)

Description:

Install radio or fiber optic communications to 21 existing water and wastewater stations at the Public Works Maintenance Facility.

Justification:

The City monitors the function of 21 critical water and sewer facilities on a continuous basis. Presently, telephone is the only communication mode and there is no back-up system. Redundant communication is critical to assure the function of critical water and sewer facilities. This project establishes a new radio and potential fiber optic communication system installation while maintaining the current telephone system for redundancy.

**Original
Funding Year:**

FY 2010-11

**Funding
Source(s):**

Wastewater and Water Funds

**Funds
Remaining:**

\$114,849.00 in the Wastewater Fund and \$316,962 in the Water Fund

Project Status:

In progress

Location Map:



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Project Information**



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Project Information**

Carryover Project Type: Utilities – wastewater
Carryover Project number: 13835E

Carryover Project Title: Rehabilitation of Gravity Sewer Mains FY 2011-12

Description: Replacement or repair of gravity sewer mains as indicated below:

Street	Limits	Work	Maintenance Area
Marine Av	Highland Avenue to Grandview Dr.	(Full Replacement)	7
Alma Av.	24th St to 27th St.	(Full Replacement)	7
3rd Street	Crest Drive to Ingleside Drive	(Full Replacement)	7
4th Street	Ingleside Drive to Valley Drive	(Full Replacement)	7
Ingleside Drive	7th Street to 5th Street	(Full Replacement)	7
24th Street	Strand to Highland Avenue	(Full Replacement)	7
7th Street	Crest Drive to Valley Drive	(Full Replacement)	7

Justification: The above locations have been identified by maintenance staff and through CCTV (Closed Circuit Television) inspection to require rehabilitation or replacement.

Original Funding Year: FY 2011-12

Funding Source: Wastewater Fund

Funding Remaining: \$1,683,221.00

Project Status: In design

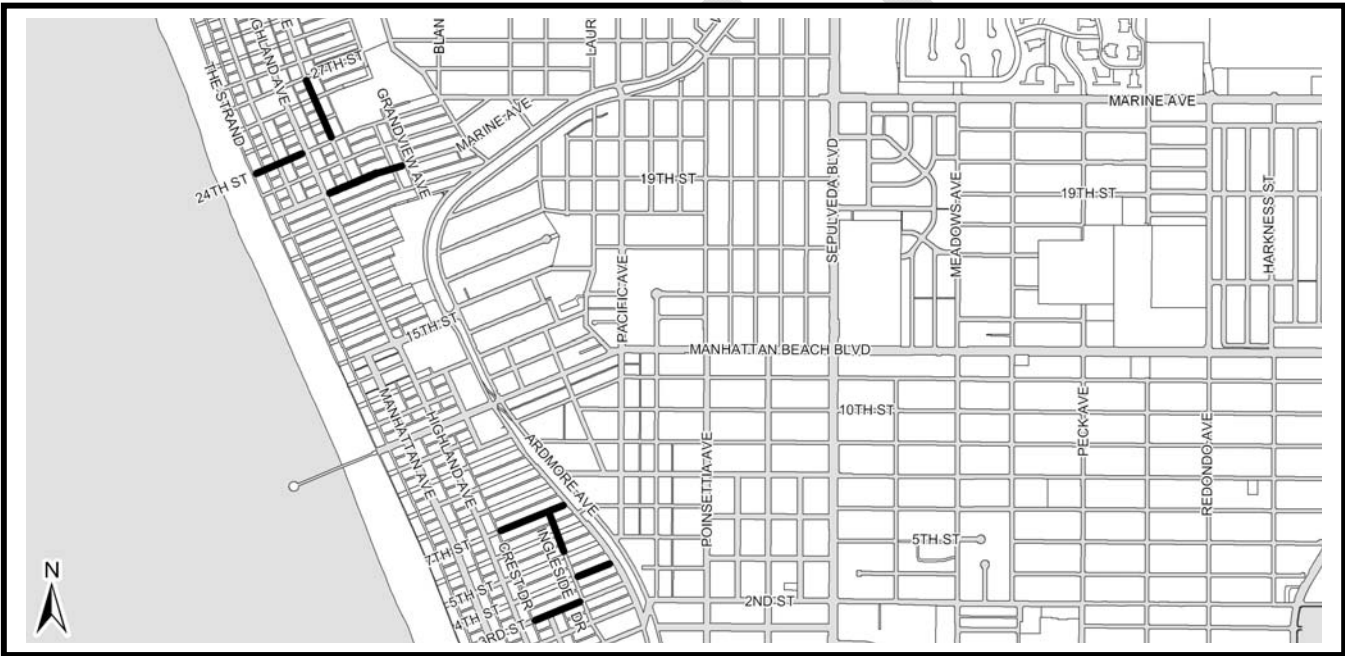
Location Map on next page:

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Project Information**

Carryover Project Type: Utilities – wastewater
Carryover Project number: 13835E

Carryover Project Title: Rehabilitation of Gravity Sewer Mains FY 2011-12 Continued

Location Map:



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Project Information**

New Project Type: Utilities – wastewater

Project Title: Rehabilitation of Gravity Sewer Mains FY 2014-15

Description: Rehabilitation or Replacement of Gravity Sewer Mains in maintenance area 4 as indicated below:

Street	limits	Work	Maintenance Area
HARKNESS ST	15 th Street to 19 th Street	1 spot repair	4
FAYMONT AVE	15 th Street to 19 th Street	1 spot repair	4
18TH ST	Herrin Street to Redondo Avenue	2 spot repairs	4
19TH ST	Herrin Street to Redondo Avenue	1 spot repair	4
21ST ST	20 th Street to Meadows Avenue	1 spot repair	4
Additional locations will be identified through future CCTV inspections			4

Justification: The above locations have been identified by maintenance staff and through CCTV inspection to require rehabilitation or replacement.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Wastewater Fund	\$100,000	1,200,000				\$1,300,000
TOTAL	\$100,000	1,200,000				\$1,300,000

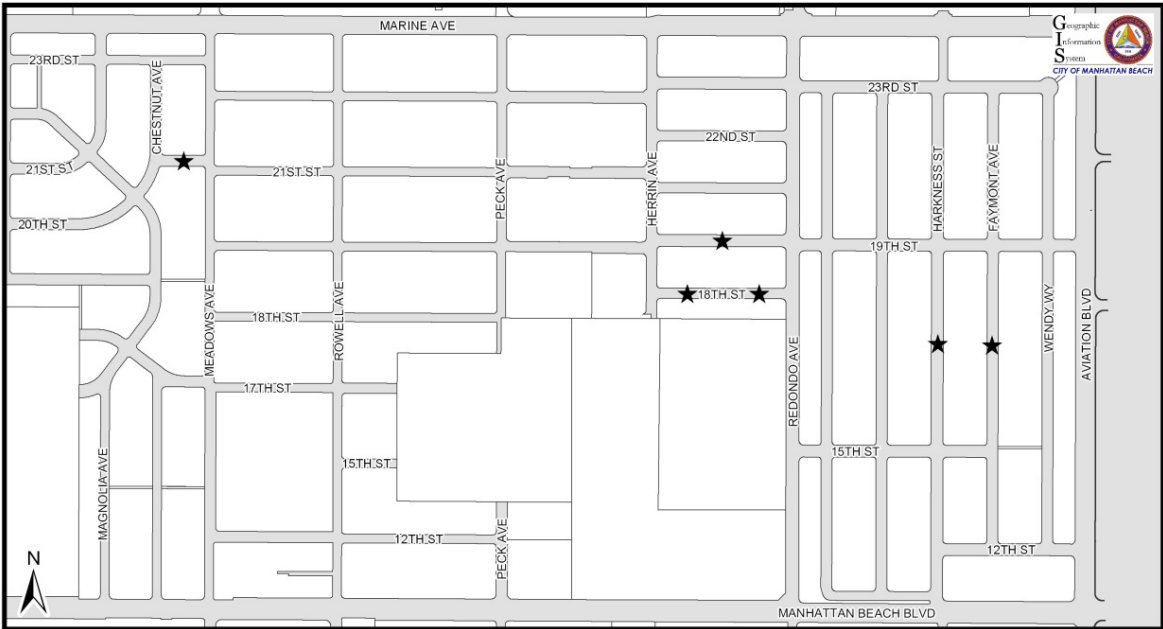
Location Map on following page:

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Project Information**

New Project Type: Utilities – wastewater

Project Title: Rehabilitation of Gravity Sewer Mains FY 2014-15

Location Map:



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Project Information**

New Project Type: Utilities - wastewater

Project Title: Rehabilitation of Gravity Sewer Mains FY 2015-16

Description: Rehabilitation or Replacement of Gravity Sewer Mains in maintenance area 5 and 7 as indicated below:

Street	limits	Work	Maintenance Area
20 th Street	Highland Ave. East to end	Full Replacement	7
19 th Street	Highland Ave. East to end	Full Replacement	7
18 th Street	Highland Ave. East to end	Full Replacement	7
16 th Place	W/O Live Oak Park	2 Spot repairs	7
Highview Avenue	N/O Manhattan Bch Blvd.	Full Replacement	5
Manhattan Bch Blvd.	Ardmore Av. to Fisher Av.	1 spot repair	5
28 th Place	Grandview to Vista	Full Replacement	7
31 st Street	W/O Grandview	1 spot repair	7
31 st Street	W/O Highland	1 spot repair	7
Manhattan Av.	28 th St. to 29 th St.	Full Replacement	7
32 nd Street	Manhattan Av. to Strand	Full Replacement	7

Justification: The above locations have been identified by maintenance staff and through CCTV inspection to require rehabilitation or replacement.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Wastewater Fund		\$150,000	\$1,400,000			\$1,550,000
TOTAL		\$150,000	\$1,400,000			\$1,550,000

Location Map on following page:

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Project Information**

New Project Type: Utilities - wastewater

**Project Title: Rehabilitation of Gravity Sewer Mains FY 2015-16
Continued**

Location Map:



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Project Information**

New Project Type: Utilities – wastewater

Project Title: **Rehabilitation of Gravity Sewer Mains FY 2017-18 (areas 5, 6, & 7)**

Description: Rehabilitation or Replacement of Gravity Sewer Mains in maintenance area 5, 6 (Tree Section) and 7 (Sand Section).

Justification: Locations in the above mentioned areas have been identified by maintenance staff and through CCTV inspection to require rehabilitation or replacement.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Wastewater Fund				\$150,000	\$1,000,000	\$1,150,000
TOTAL				\$150,000	\$1,000,000	\$1,150,000

Location Map:

No map



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Project Information**

New Project Type: Utilities – wastewater

Project Title: Poinsettia Lift Station Replacement and Force Main Replacement

Description: Reconstruction/modification of the Poinsettia Sewage Lift Station and installation of a second force main.

Justification: The Poinsettia Sewage Lift Station has the smallest wet well capacity of any of the City's lift stations. This means that if the station fails, sewage would enter the dry well and disable the electrical systems. It is recommended that pump stations be equipped with at least 30 minutes of peak wet weather emergency storage, and a minimum of 2,550 gallons emergency storage.

A new and deeper wet well must be constructed. It is possible that the existing dry/wet well could be used as the future dry well. A new station will be built adjacent to the existing station and will possess a wet well with adequate emergency storage, and a new adjacent drywell containing the pumps and controls. An additional 4" ductile iron pipe force main will be installed to provide system redundancy, running from the station to Manhattan Beach Boulevard where it would discharge into a gravity sewer. The old force main would remain and would be available if the primary force main was damaged.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Wastewater Fund	\$300,000	\$2,900,000				\$3,200,000
TOTAL	\$300,000	\$2,900,000				\$3,200,000

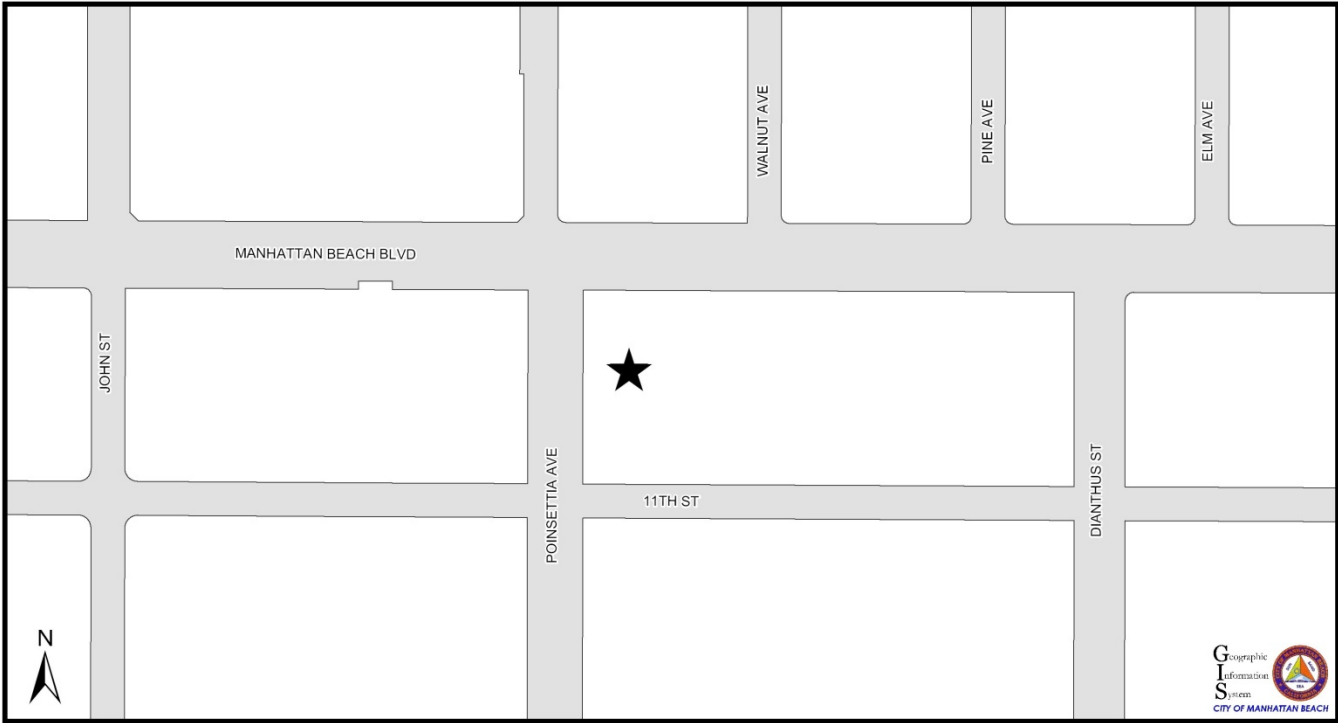
Location Map on following page:

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Project Information**

New Project Type: Utilities – wastewater

Project Title: Poinsettia Lift Station Replacement and Force Main Replacement

Location Map:



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Project Information**

New Project Type: Utilities - wastewater

Project Title: Pacific Lift Station Upgrade, Emergency Storage, and Force Main Replacement

Description: Improvement of the Pacific Avenue Sewage Lift Station and installation of a second force main.

Justification: The Pacific Avenue Lift Station could not pump at the needed rate if one of the two pumps fail or is taken out of service for maintenance. Also, there is not sufficient storage at this location. This project will modify the pumps and controls to accommodate two pumps capable of pumping 400 gallons per minute.

The Pacific Avenue Lift Station currently pumps sewage through a 57-year-old 6" cast iron force main a distance of 1,225 feet to the intersection of Poinsettia Avenue and Ardmore Avenue. This project would construct an additional 6" force main to provide two force mains to serve this station and provide a safety redundancy. Also, appropriate emergency storage will be constructed at the site.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Wastewater Fund		\$250,000	\$2,150,000			\$2,400,000
TOTAL		\$250,000	\$2,150,000			\$2,400,000

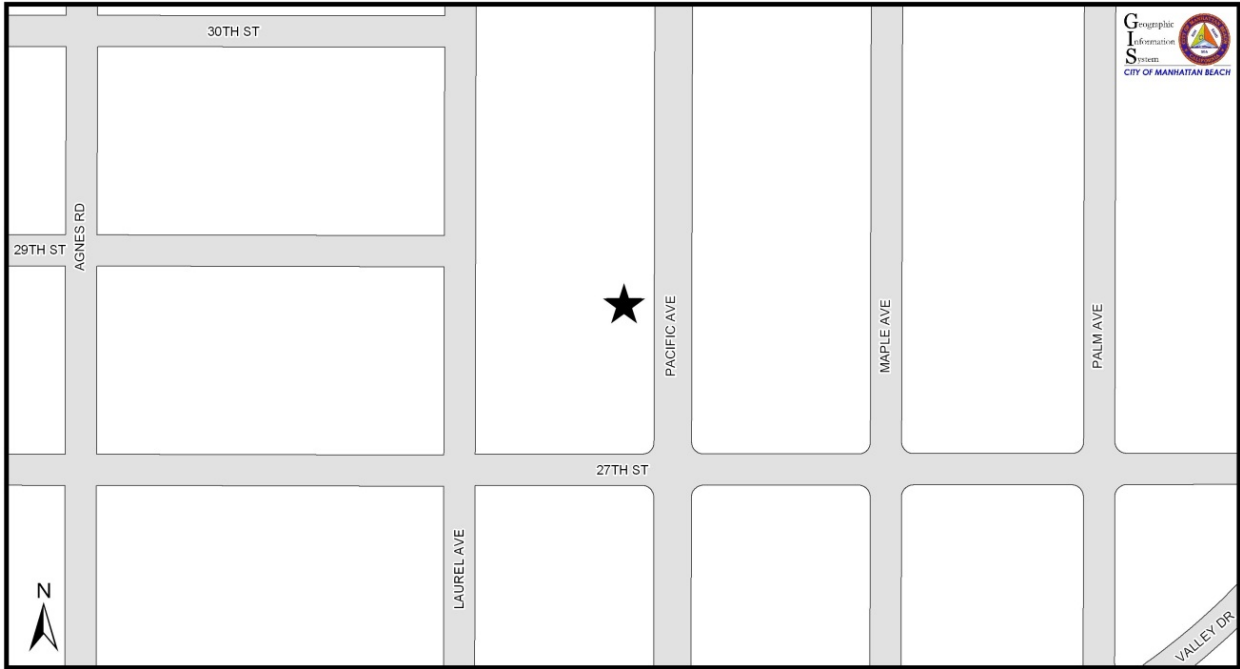
Location Map on following page:

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Project Information**

New Project Type: Utilities - wastewater

Project Title: Pacific Lift Station Upgrade, Emergency Storage, and Force Main Replacement

Location map:



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Project Information**

New Project Type: Utilities - wastewater

Project Title: Voorhees Lift Station Upgrade, Emergency Storage, and Force Main Replacement

Description: Improvement of the Voorhees Sewage Lift Station and installation of a second force main.

Justification: The Voorhees Lift Station currently cannot pump at the needed rate if one of the two pumps fail or is taken out of service for maintenance. Additionally there is insufficient storage at the station. This project will modify the pumps and controls to accommodate two pumps capable of pumping 350 gallons per minute and will provide additional emergency storage.

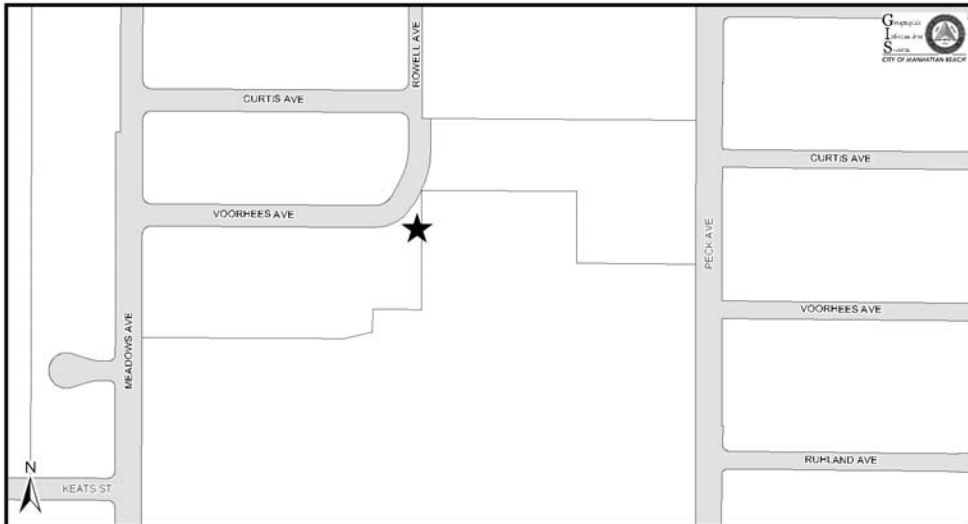
The Voorhees Lift Station pumps sewage through a 59-year-old 6" cast iron force main a distance of 1,300 feet to the intersection of Peck and Gates Avenues. This project would construct an additional 6" force main to provide two force mains to serve this station and provide a safety redundancy. Also, appropriate storage will be constructed at this site.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Wastewater Fund			\$250,000	\$1,900,000		\$2,150,000
TOTAL			\$250,000	\$1,900,000		\$2,150,000

Location Map:



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Project Information**



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Project Information**

New Project Type: Utilities - wastewater

Project Title: Meadows Lift Station Upgrade, Emergency Storage, and Force Main Replacement

Description: Improvement of the Meadows Sewage Lift Station and installation of a second force main.

Justification: The Meadows Lift Station is located on Meadows Avenue immediately south of 9th Street. The current station could not pump at the needed rate if one of the two pumps fail or is taken out of service for maintenance. Additionally, there is insufficient storage at the station. This project will modify the pumps and controls to accommodate two pumps capable more efficient pumping and will provide additional emergency storage.

The Meadows Lift Station pumps sewage through a 59-year-old 6" cast iron force main a distance of 760 feet to the intersection of Meadows Avenue at 11th Street. This project would construct an additional 6" force main to provide two force mains to serve this station and provide a safety redundancy. Also, appropriate storage will be constructed at this site.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Wastewater Fund				\$250,000	\$1,700,000	\$1,950,000
TOTAL				\$250,000	\$1,700,000	\$1,950,000

Location Map:





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Project Information**

New Project Type: Utilities - wastewater

Project Title: **Palm Lift Station Upgrade, Emergency Storage, and Force Main Replacement**

Description: Improvement of the Palm Lift Station and construction of emergency storage. Build 5,500 gallon sewer wet well and 775 foot long force main.

Justification: The Palm Lift station cannot pump at the needed rate and cannot accommodate the necessary materials for storage. The current wet well is not of adequate size to accommodate peak wet weather flow and the current force main is over 60 years old and has exceeded its useful-life. This project would construct an approximate 5,500 gallon sewer wet well and 775 foot long force main to increase efficiencies.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Wastewater Fund					\$200,000	\$200,000
TOTAL					\$200,000	\$200,000

Location Map:

No map

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Project Information**

Carryover Project Type: Utilities – wastewater and water
Carryover Project number: 11838E

Carryover Project Title: **Utility Telemetry (Fiber Optic Improvements)**

Description: Install radio or fiber optic communications to 21 existing water and wastewater stations at the Public Works Maintenance Facility.

Justification: The City monitors the function of 21 critical water and sewer facilities on a continuous basis. Presently, telephone is the only communication mode and there is no back-up system. Redundant communication is critical to assure the function of critical water and sewer facilities. This project establishes a new radio and potential fiber optic communication system installation while maintaining the current telephone system for redundancy.

Original Funding Year: FY 2010-11

Funding Source(s): Wastewater and Water Funds

Funds Remaining: \$114,849 in the Wastewater Fund and \$316,972 in the Water Fund

Project Status: In progress

Location Map:



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Project Information**



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Project Information**

Carryover Project Type: Utilities –water
Carryover Project number: 12828E

Carryover Project Title: Larsson Street Booster Station Improvement

Description: Installation of new natural gas engine, engine controls, engine muffler, and engine mount vibration insulators.

Justification: The 2nd Street booster pump station is a back-up pump station in the City’s high-pressure zone. This zone, located at the physical high point of the City requires supplemental pumping to maintain normal water system pressures. The Larsson Pump Station is the primary pump station in the high pressure zone; however, when peak domestic or fire flow demand is encountered, the 2nd Street Pump Station is called to provide supplemental flow and pressure.

The 2nd Street Pump Station is situated in an underground vault in the 2nd Street parkway immediately adjacent to an office building. The current engine dates to the 1970s and spare parts are often difficult to locate. Both the engine and the engine control system are antiquated and require replacement. Additionally, vibration and noise from the engine affect the adjacent structure requiring installation of a new exhaust system and vibration insulators.

Original Funding Year: FY 2011-12

Funding Source: Water Fund

Funding Remaining: \$486,045.00

Project Status: In design

Location Map:



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Project Information**

Carryover Project Type: Utilities –water
Carryover Project number: 12829E

Carryover Project Title: **Water Main Replacement: Sepulveda Boulevard & 2nd Street (Sepulveda – MBB to 2nd; 2nd – Larsson Booster to 2nd St Booster)**

Description: Construction of replacement water mains and new fire hydrants.

Sepulveda Boulevard (Manhattan Beach Boulevard to 2nd Street)
2nd Street (Larsson Pump Station to 2nd St Pump Station)

Justification: The existing water mains on the west side of Sepulveda Boulevard are 70 and 80 years old. Replacing the mains will restore the useful lives of these mains and will assure the longevity and dependability of the system.

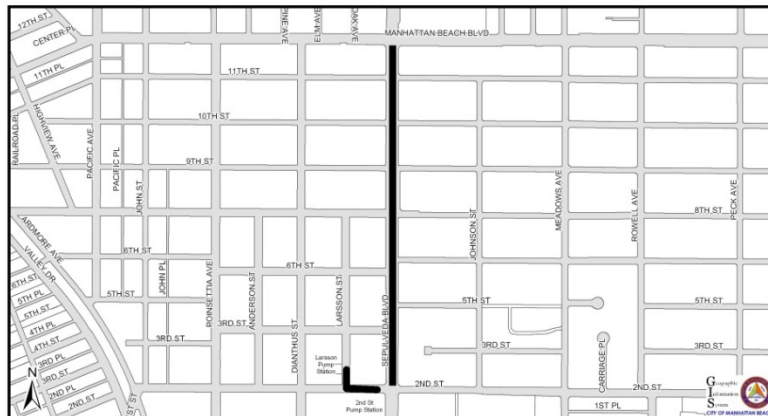
Original Funding Year: FY 2011-12

Funding Source: Water Fund

Funding Remaining: \$1,793,908.00

Project Status: In design

Location Map:





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Project Information**

Carryover Project Type: Utilities –water
Carryover Project number: 113833E

Carryover Project Title: Pipe Replacement Program and Fire Hydrant Installation (Area 2)

Description: Construction of replacement water mains and new fire hydrants.

Street	From	To	Maintenance Area
<u>9th Street</u>	Meadows Avenue	Rowell Avenue	2
<u>10th Street</u>	Meadows Avenue	Rowell Avenue	2
<u>11th Street</u>	Meadows Avenue	Rowell Avenue	2
<u>Rhonda Drive/Longfellow Drive</u>	Kuhn Drive N.	Kuhn Drive S.	2
<u>Terraza Place</u>	Rhonda Drive	End	2
<u>Chabela Drive</u>	Keats Street	Longfellow Drive	2
<u>Altura Way</u>	Keats Street	Longfellow Drive	2
<u>Shelley Street</u>	Prospect Avenue	Chabela Drive	2
<u>5th Street</u>	Rowell Avenue	Peck Avenue	2
<u>3rd Street</u>	Rowell Avenue	Peck Avenue	2

Justification: The existing water mains in this part of Area 2 are mostly 4" cast iron mains more than 60 year old. Increasing to 6" mains or larger would provide adequate fire flows in the area.

Original Funding Year: FY 2012-13

Funding Source: Water Fund

Funding Remaining: \$167,088.00

New Funds Requested: \$1,600,000.00 in FY 2014-15

Project Status: In design

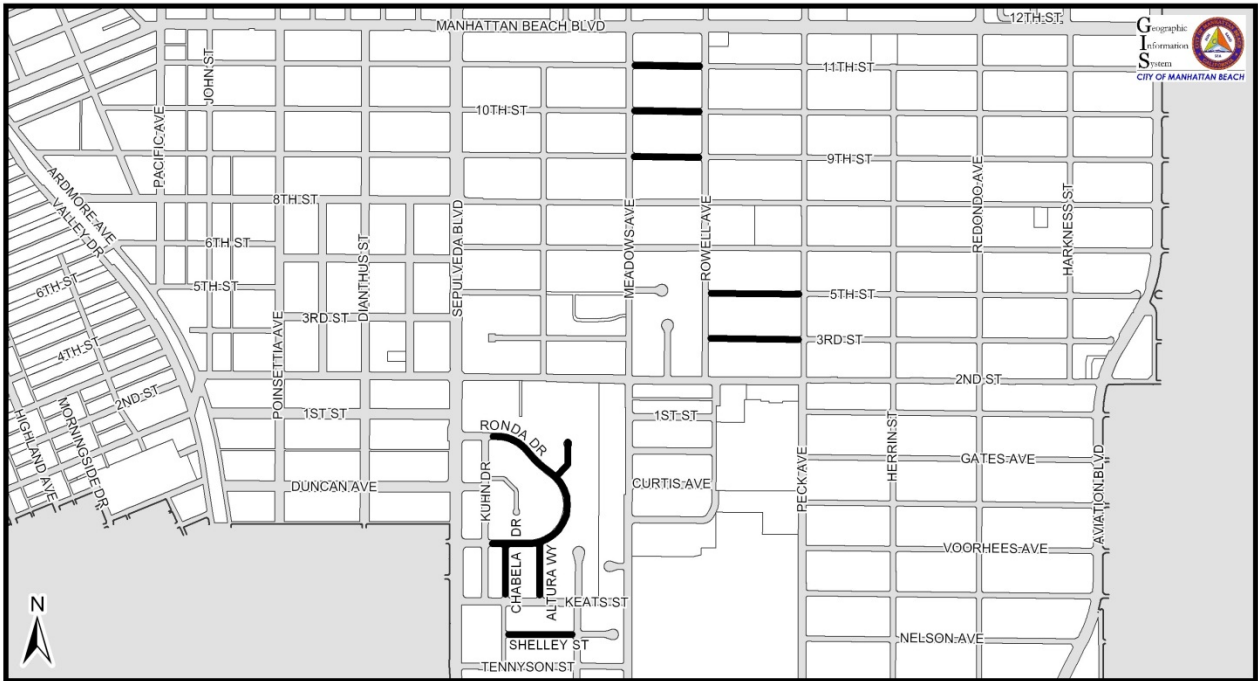
Location Map on next page:

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Project Information**

**Carryover Project Type: Utilities –water
Carryover Project number: 113833E**

Carryover Project Title: Pipe Replacement Program and Fire Hydrant Installation (Area 2)

Location Map:



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Project Information**

New Project Type: Utilities - water

Project Title: Pipe Replacement Program and Fire Hydrant Installation (Area 3)

Description: Construction of replacement water mains and new fire hydrants.

Redondo Avenue (2nd Street to Artesia Boulevard)
1st Street (Redondo Avenue to Aviation Boulevard)

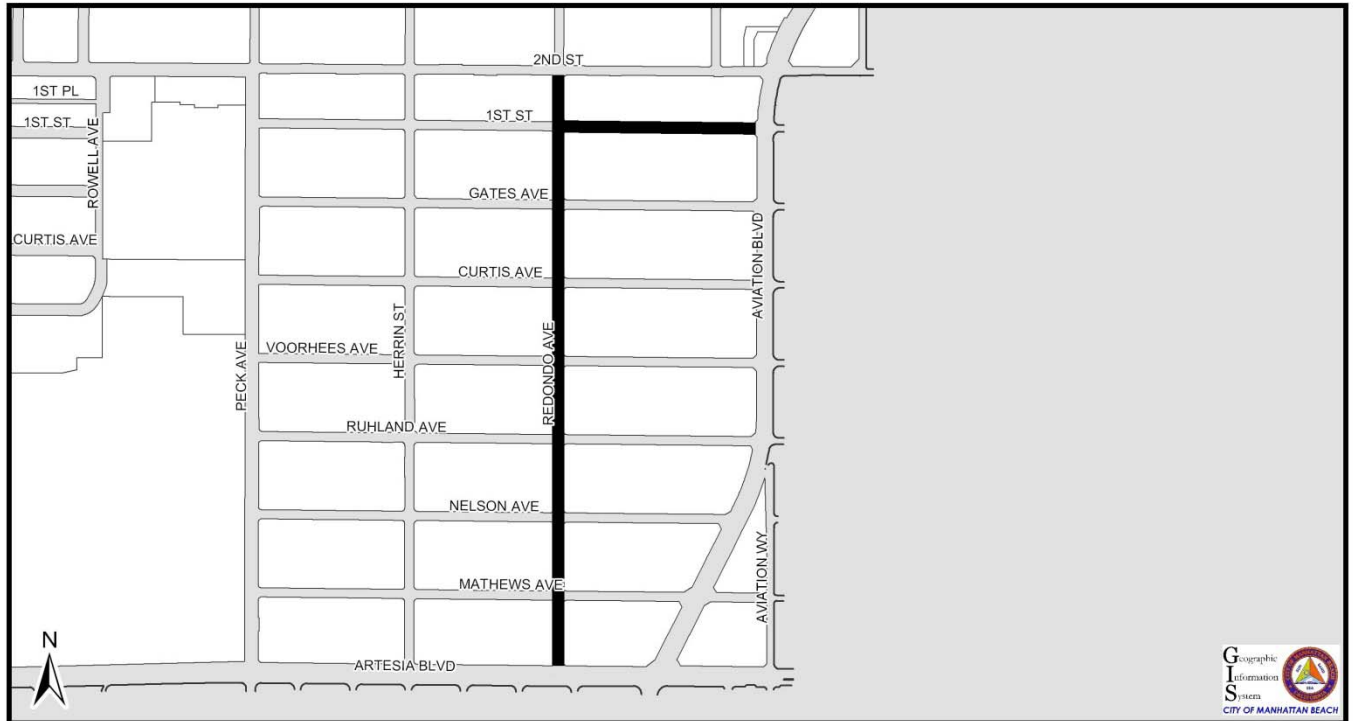
Justification: The existing water mains in this part of Area 3 are consist of 4" and 6" cast iron mains and most are more than 70 year old. Replacing the mains will restore the useful lives of these mains; assure the longevity and dependability of the system. Increasing to 6" mains or larger would enhance fire flows in the area.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Water Fund		\$100,000	\$900,000			\$1,000,000
TOTAL		\$100,000	\$900,000			\$1,000,000

Location Map:





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Project Information**

New Project Type: Utilities - water

Project Title: Pipe Replacement Program and Fire Hydrant Installation
(Areas 5, 6, & 7)

Description: Construction of replacement water mains and new fire hydrants in area 5, 6 (Tree Section), and 7 (Sand Section). Specific locations to be determined.

Justification: The existing water mains to be replaced are mostly 4" cast iron mains more than 60 year old. Increasing to 6" mains or larger would provide adequate fire flows in the area.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Water Fund				\$300,000	\$2,000,000	\$2,300,000
TOTAL				\$300,000	\$2,000,000	\$2,300,000

Location Map:

No map. Specific locations to be determined.



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Project Information**

New Project Type: Utilities - water

Project Title: Block 35 Ground Level Reservoir Replacement

Description: Construction of a new, larger capacity water reservoir

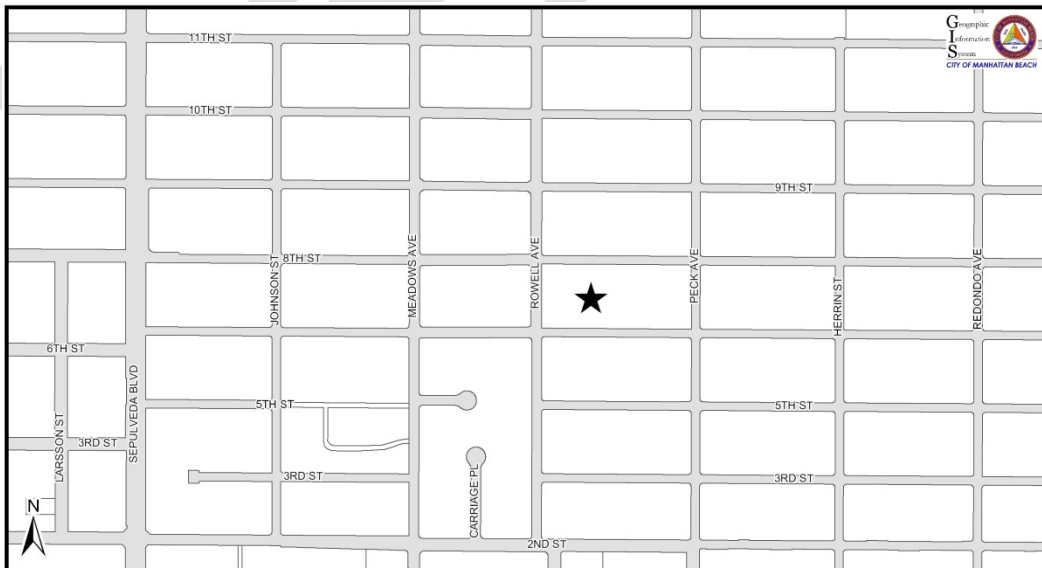
Justification: Block 35 Ground Level Reservoir (2 mg) was originally constructed in 1948. It has an inner wall with 69.17 ft diameter, and an outer wall with 140 ft diameter. The inner wall top is at elevation 182.8 feet, while the outer wall top is at elevation 191.58 feet. The overflow elevation is at 190 feet. Due to leakage at the wall/floor joint at high water levels, the reservoir is operated at half full level. This is the facility where most of the blending takes place, and from where water is pumped into the system. Therefore, its integrity is essential for proper operation of the system. It is at the end of its useful life, and should be replaced with a new, larger reservoir. The appropriate size of the new water reservoir will be determined at the pre-design state.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Water Fund			\$2,100,000	\$3,700,000	\$3,700,000	\$9,500,000
TOTAL			\$2,100,000	\$3,700,000	\$3,700,000	\$9,500,000

Location Map:



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Project Information**



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**DRAFT City of Manhattan Beach
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Project Information**

New Project Type: Utilities - water

Project Title: Block 35 Booster Discharge Line Replacement

Description: Replace booster discharge manifold and discharge line, meter, vault, isolation valves, tee and valves at transmission.

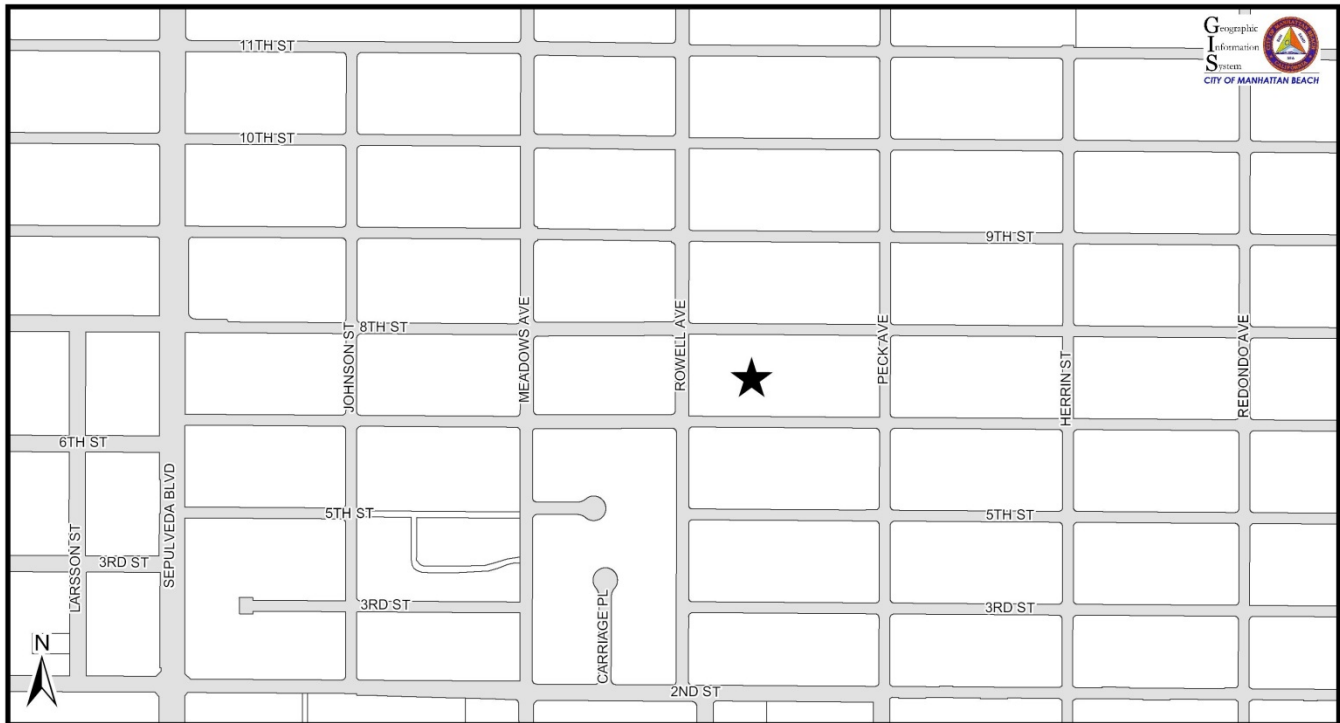
Justification: The Block 35 Booster pump(s) discharge pipeline and isolation valves have exceeded their useful life and show signs of corrosion. The flow meter replacement parts are no longer available, and therefore the entire meter needs to be replaced with a modern model. The new meter vault will be sized to allow access for routine maintenance.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Water Fund	\$253,125					\$253,125
TOTAL	\$253,125					\$253,125

Location Map:



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Project Information**



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Project Information**

New Project Type: Utilities - water

Project Title: Paint Block 35 Elevated Tank

Description: Strip and paint the interior and exterior of the Block 35 Elevated Tank.

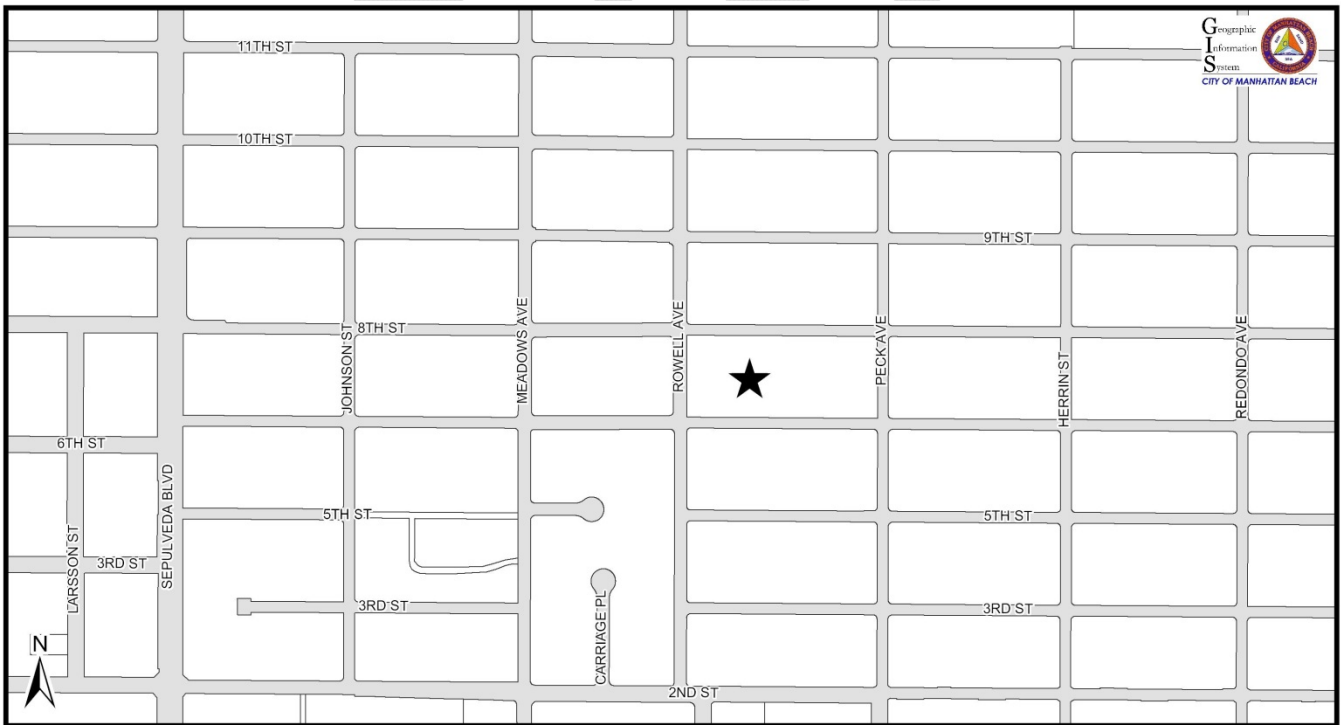
Justification: The Elevated Tank shows signs of severe rusting and paint deterioration. In order to preserve the tank's steel structure, it is imperative that the interior and exterior surfaces be repainted and epoxied in order to keep metal corrosion under control.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Water Fund	\$500,000					\$500,000
TOTAL	\$500,000					\$500,000

Location Map:





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**DRAFT City of Manhattan Beach
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Project Information**

New Project Type: Utilities - water

Project Title: Well Collection Line from Well 11A to Block 35

Description: Construction of a new well collection line from Well 11A to Block 35.

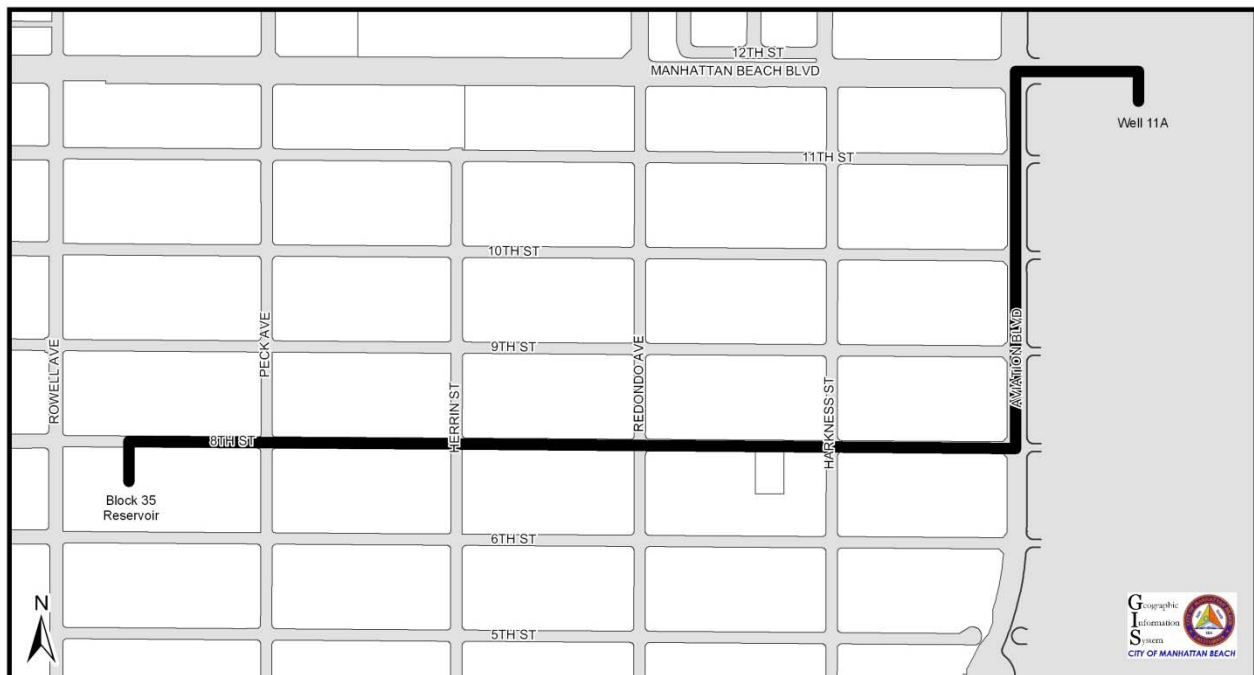
Justification: The new pipeline and attached isolation gate valves will create a hydraulic and operating redundancy whereby Well 11A water will be conveyed to the Block 35 Reservoir. Presently, Well 11A water can only be conveyed to the Peck Reservoir. The pipeline will be increased from 10 inches to 18 inches in diameter. This increase will allow for greater flow, which will allow water from both Well 11A and Well 15 to be delivered simultaneously to Block 35 Reservoir.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Water Fund		\$1,275,750	\$4,474,250			\$5,750,000
TOTAL		\$1,275,750	\$4,474,250			\$5,750,000

Location Map:



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**DRAFT City of Manhattan Beach
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Project Information**

New Project Type: Utilities - water

Project Title: Chloramination System at Wells 11 & 15

Description: 1. Engineering study related to the water distribution system disinfectant residual stability and feasibility of converting from chlorine to chloramine disinfection;
2. Construction of building at Well 11 to house liquid sodium hypochlorite and chemical feed/analytical equipment. The construction of the building at Well 15 is part of the "Redrill and Equip Well 15" project.

Justification: The City's blending operations of mixing MWD chloraminated water with Manhattan Beach groundwater containing ammonia at Peck and Block 35 Reservoirs, then adding chlorine presents a challenge in achieving target disinfection residuals at the point of entry to the water distribution system. This project will allow the "contact time" between the injected sodium hypochlorite and naturally occurring ammonia from well water to take place in the transmission lines from the wells to the reservoirs, thus eliminating the challenges and risks noted above.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Water Fund	\$352,000					\$352,000
TOTAL	\$352,000					\$352,000

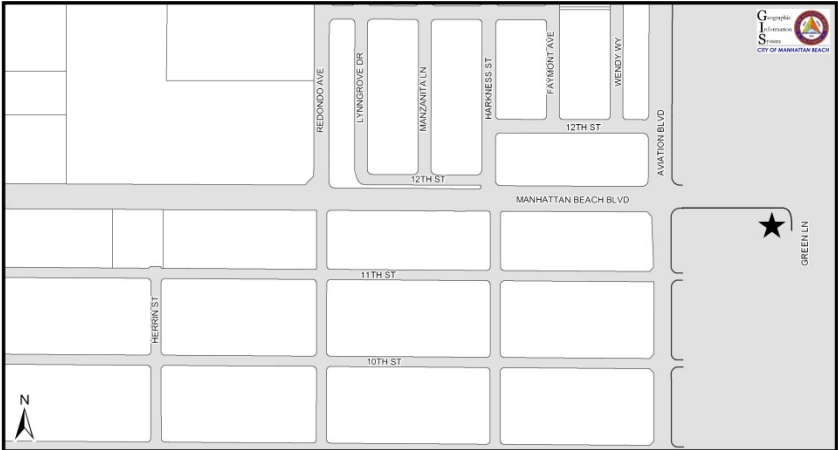
Location Map on following page:

**DRAFT City of Manhattan Beach
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Project Information**

New Project Type: Utilities - water

Project Title: Chloramination System at Wells 11 & 15

Location Map:



**DRAFT City of Manhattan Beach
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Project Information**

New Project Type: Utilities - water

Project Title: Redrill & Equip Well 15

Description: Redrill and equip Well No. 15. This project will also include the construction of a building at Well 15 to house liquid sodium hypochlorite and chemical feed/analytical equipment.

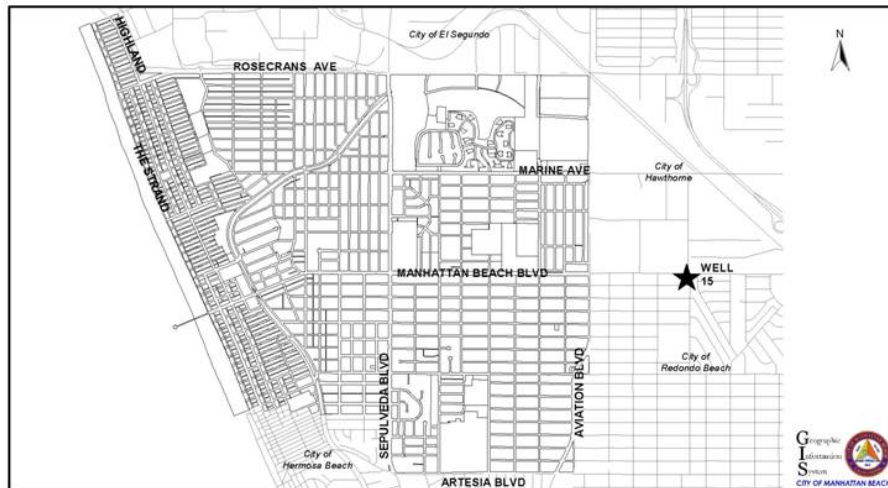
Justification: The uncertainty of the water quality due to saltwater intrusion at the planned Well 13 site presents a high risk of building costly water treatment facilities well in excess of the budgeted amount. Accordingly, Public Works has decided to redrill and equip Well 15 in lieu of Well 13. The new well will be designed and built to produce 2,200 gpm. Combined with the 2,200 gpm produced by Well No. 11, the City will have a guaranteed source of supply equal to 4,400 gpm, which will surpass the City's average day demand of 3,940 gpm, and position the City to meet demand in the event of an MWD outage.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Water Fund		\$300,000	\$2,500,000			\$2,800,000
TOTAL		\$300,000	\$2,500,000			\$2,800,000

Location Map:



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**DRAFT City of Manhattan Beach
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Project Information**

New Project Type: Utilities - water

Project Title: Herrin/Marine Pipe Installation

Description: Install 200 feet of 10 inch water pipeline that will connect a 10 inch waterline to a 16 inch transmission line.

Justification: The proposed water line will enhance water flow and as a result water quality in the northwest section of the water system. The Disinfection Byproduct Regulations have become more stringent, leaving little latitude for compliance, thus putting the City at risk for violation. No impact fiscal impact on future operations will occur.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Water Fund	\$75,900					\$75,900
TOTAL	\$75,900					\$75,900

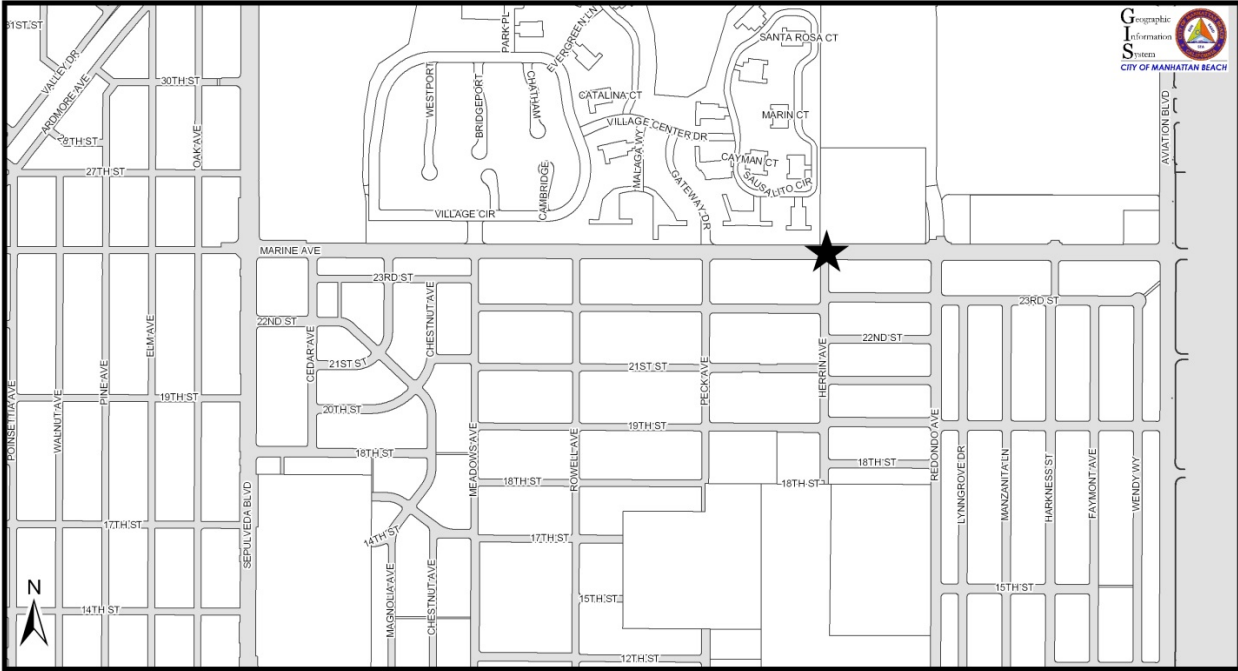
Location Map on following page:

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Project Information**

New Project Type: Utilities – water

Project Title: Herrin/Marine Pipe Installation

Location map:



**DRAFT City of Manhattan Beach
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Project Information**

New Project Type: Utilities - water

Project Title: Peck Ground Level Reservoir Replacement

Description: As recommended in the City's 2010 Water Master Plan, replace existing 7.5 million gallon with an estimated 8 million gallon reservoir.

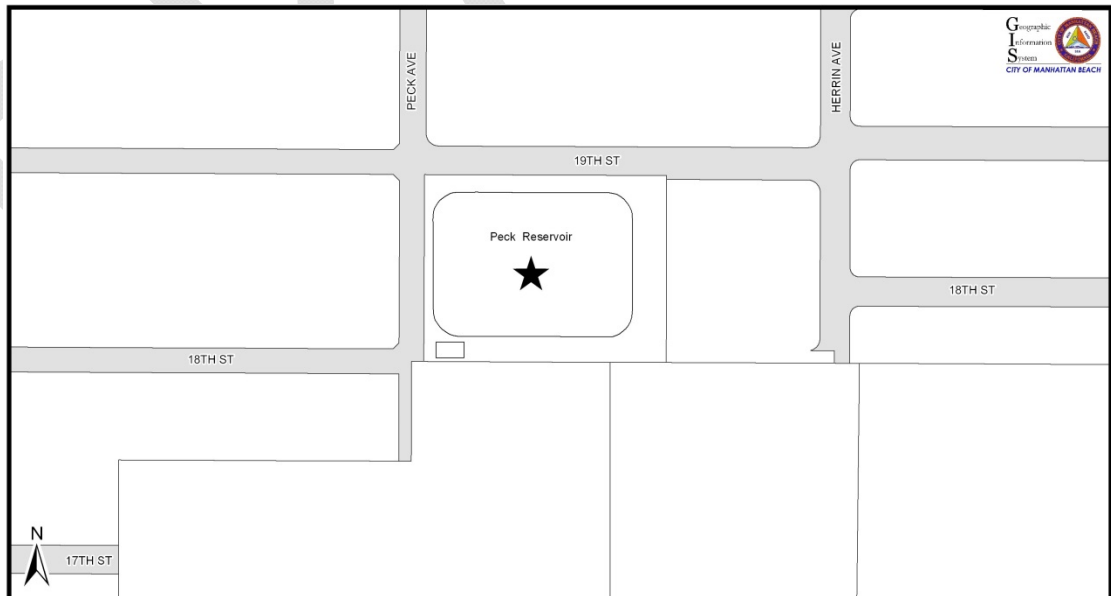
Justification: Built in 1957, Peck Reservoir has exceeded its useful life. The metal roof has deteriorated beyond repair and the existing reservoir has no mechanical ventilation system to control condensation and temperature within the reservoir, which adversely impact the disinfection residual of stored water and metallic surfaces. Despite attempts to repair leaking concrete slopes and floor, the reservoir continues to leak and cannot be filled beyond 15 feet of the 20 feet of available storage. The appropriate size of the new water reservoir will be determined at the pre-design stage.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Water Fund	\$1,500,000	\$4,000,000	\$4,000,000			\$9,500,000
TOTAL	\$1,500,000	\$4,000,000	\$4,000,000			\$9,500,000

Location Map:





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Project Information**

New Project Type: Utilities - water

Project Title: Peck Reservoir Booster Pump Variable Frequency Drive Replacements

Description: Replace Four VFDs at Peck Reservoir Booster Station.

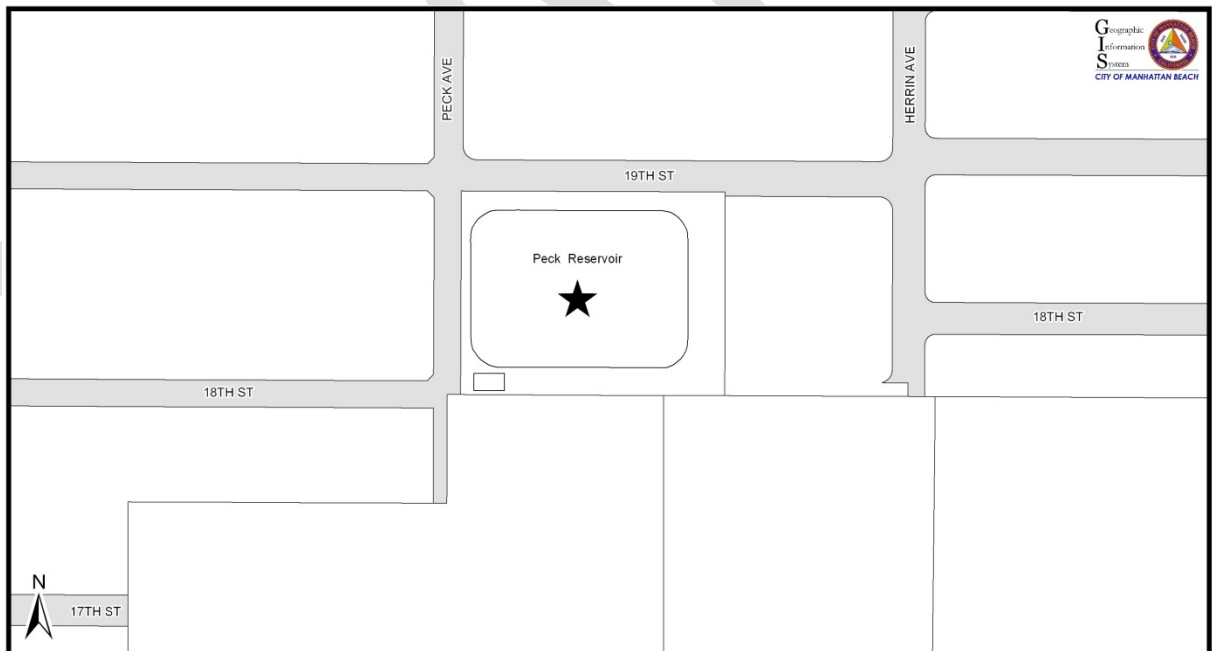
Justification: The VFDs were installed in July, 2001, making them 13 years old. The “useful-life” of a VFD is 10 years. The VFD model currently in use is no longer manufactured and replacement parts for rebuild and repair are not readily available.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Water Fund	\$100,000					\$100,000
TOTAL	\$100,000					\$100,000

Location Map:





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**DRAFT City of Manhattan Beach
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Project Information**

Project Type: Utilities – storm water

Project Title: Storm water Quality Improvement Catch Basin Inserts

Description: Installation of catch basin inserts (screens) to prevent trash from entering storm drain pipes.

Justification: The National Pollutant Discharge Elimination System (NPDES) permit was reissued in winter 2012. This permit includes Total Maximum Daily Load (TMDL) requirements related to trash. The permit requires the installation of trash removal devices on all catch basins in the City. The Trash TMDL requires flows from a 1year/1hour design storm to be filtered through 5mm orifices. The typical insert installation consists of a connector pipe screen (CPS) installed across the outlet pipe and an automatic retractable screen (ARS) along the curb opening. The CPS possesses 5mm holes and is the device required to meet the Trash TMDL requirement. The ARS is normally closed and opens when storm flows enter the catch basin. The ARS keeps gross solids out during dry periods and reduces the build-up of debris inside the basin.

It is expected that the implementation requirement will be as follows:

- a. Install first 20% of full capture systems within 4 years of the effective date of TMDL
- b. Install next 20% of full capture systems within 5 years from effective date, and 20% more each year until 100% have been installed within 8 years of effective date

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Stormwater Funds		\$210,000	\$210,000	\$210,000	\$210,000	\$840,000
TOTAL		\$210,000	\$210,000	\$210,000	\$210,000	\$840,000

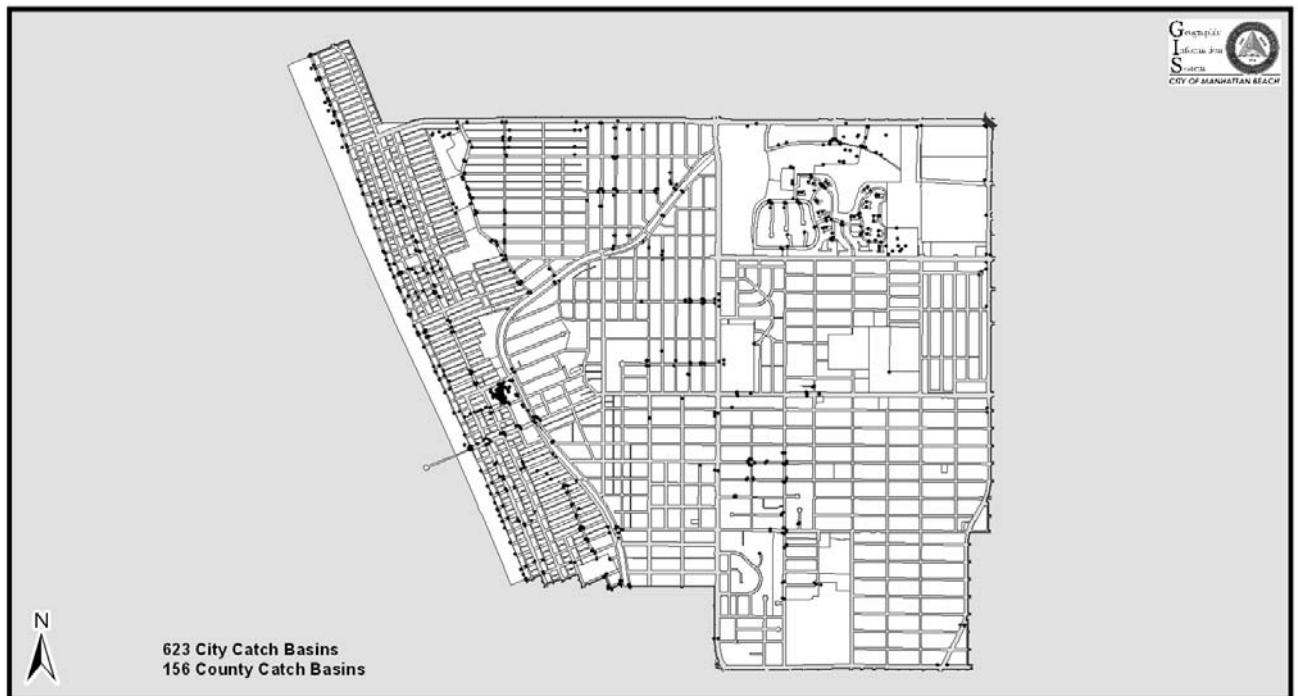
Location Map on following page:

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Project Information**

Project Type: Utilities – storm water

Project Title: Storm water Quality Improvement Catch Basin Inserts

Location Map:



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Project Information**

Project Type: Utilities – storm water

Project Title: Storm Drain Projects

Description: Replace various sections of stormwater drain line (64 locations identified)

Justification: Video inspection and analysis of the storm drain lines identified in this CIP revealed structural and operational condition assessment Defect Codes of Grade 5 – Defect Requiring Immediate Attention. The methodologies for the Defect Code categories were established by the National Association of Sewer Service Companies Pipeline Assessment and Certification Program. Severity of Defect Codes increase from 1 to 5.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Stormwater Funds	\$440,000	\$440,000	\$440,000	\$440,000	\$440,000	\$2,200,000
TOTAL	\$440,000	\$440,000	\$440,000	\$440,000	\$440,000	\$2,200,000

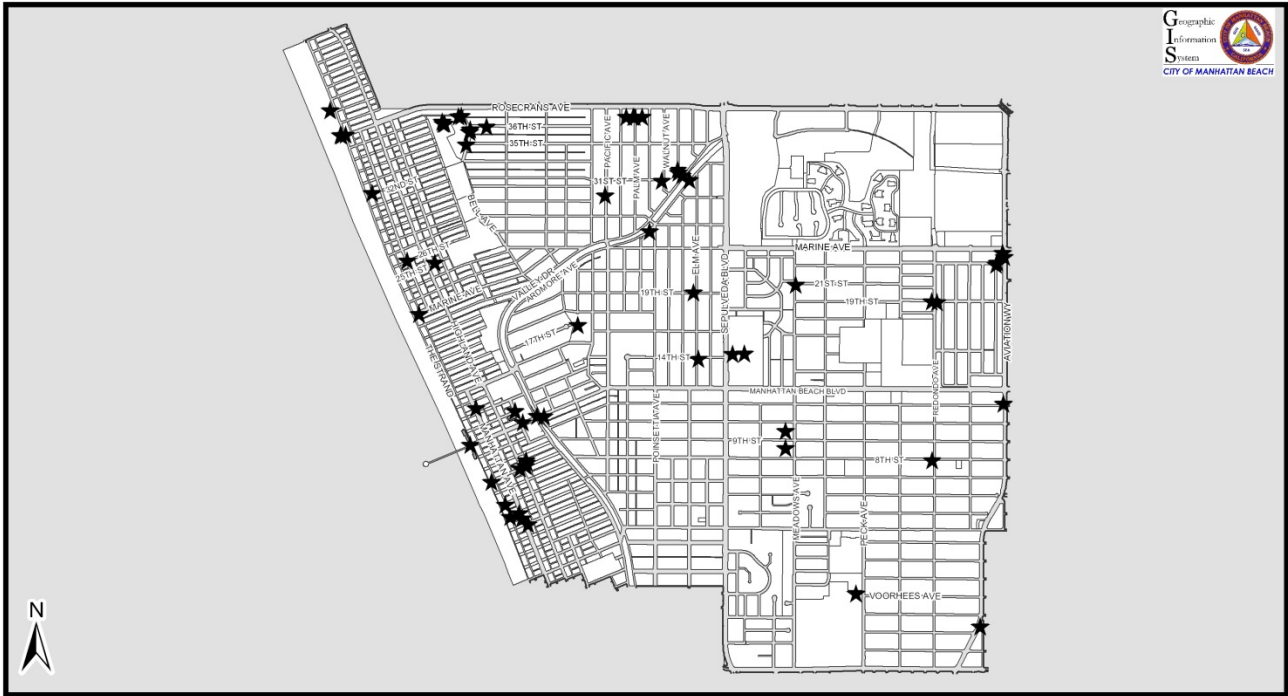
Location Map on following page:

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Project Information**

Project Type: Utilities – storm water

Project Title: Storm Drain Projects

Location Map:



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Project Information**

Carryover Project Type: Streets – capacity enhancements
Carryover Project number: 10827E

Carryover Project Title: Sepulveda Bridge Widening Project

Description: Add one northbound through lane by widening Sepulveda Bridge on the east side.

Justification: This project will improve traffic flow on Sepulveda Boulevard (a major north-south regional arterial street) by eliminating a bottleneck that exists at the bridge.

Original Funding Year: Multiple funding sources across multiple fiscal years (FY 2009-10 through FY 2012-13)

<u>Funding Source</u>	<u>Carryover Funds Remaining</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
MTA Call 2009	\$6,813,325						\$6,813,325
Safetea-Lu Earmark	\$1,004,337	200,000					\$1,204,337
Prop C, Incl Dev. Contr.	\$1,720,415	1,145,200	\$1,000,000				\$3,865,615
Measure R South Bay	\$4,550,000	\$4,550,000					\$9,100,000
TOTAL	\$14,088,077	\$5,895,200	\$1,000,000				\$20,983,277

Project Status: In design

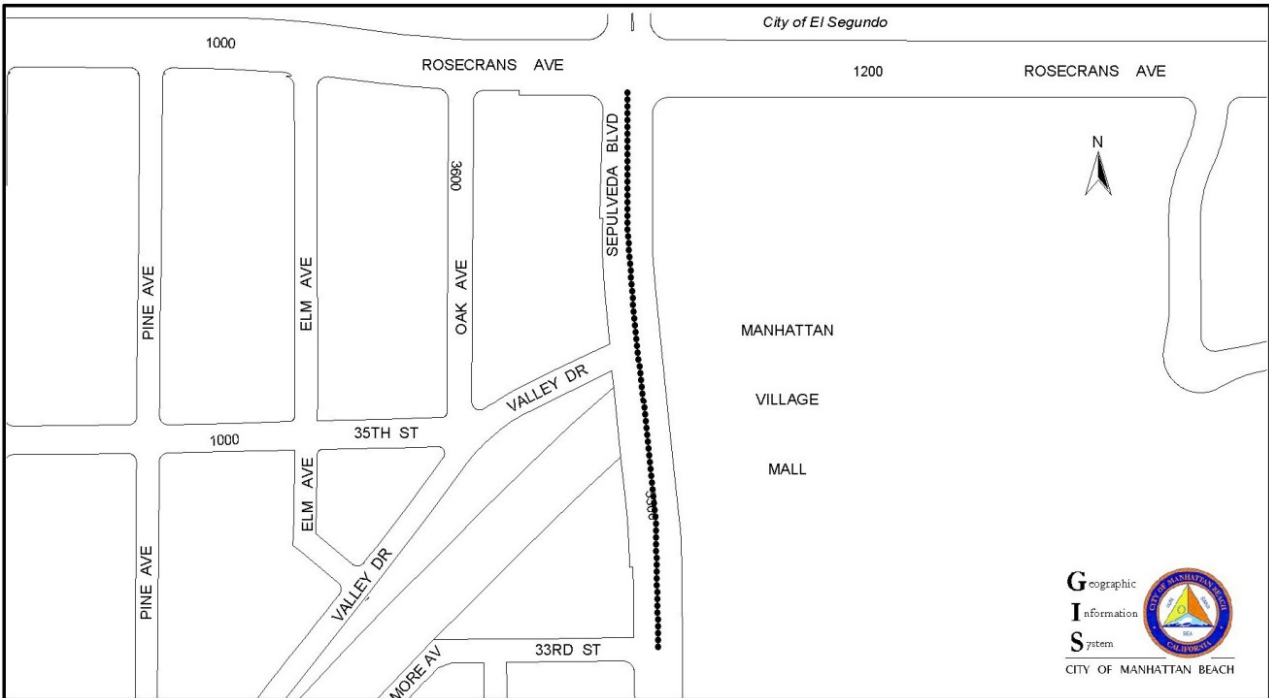
Location Map on next page:

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Project Information**

Carryover Project Type: Streets – capacity enhancements
Carryover Project number: 10827E

Carryover Project Title: Sepulveda Bridge Widening Project

Location map:



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Project Information**

Carryover Project Type: Streets – capacity enhancements
Carryover Project number: 05820E

Carryover Project Title: Rosecrans Utility Undergrounding

Description: Underground the existing utilities on the south side of Rosecrans.

Justification: This project will remove the last segment of power poles on the south side of Rosecrans Avenue between Sepulveda Blvd. and Aviation Blvd. The City has received a MTA Grant to make improvements on Rosecrans Avenue. One improvement will be the addition of a fourth eastbound lane east of Redondo Ave. To widen the street at this location, the existing utilities have to be moved back and undergrounded.

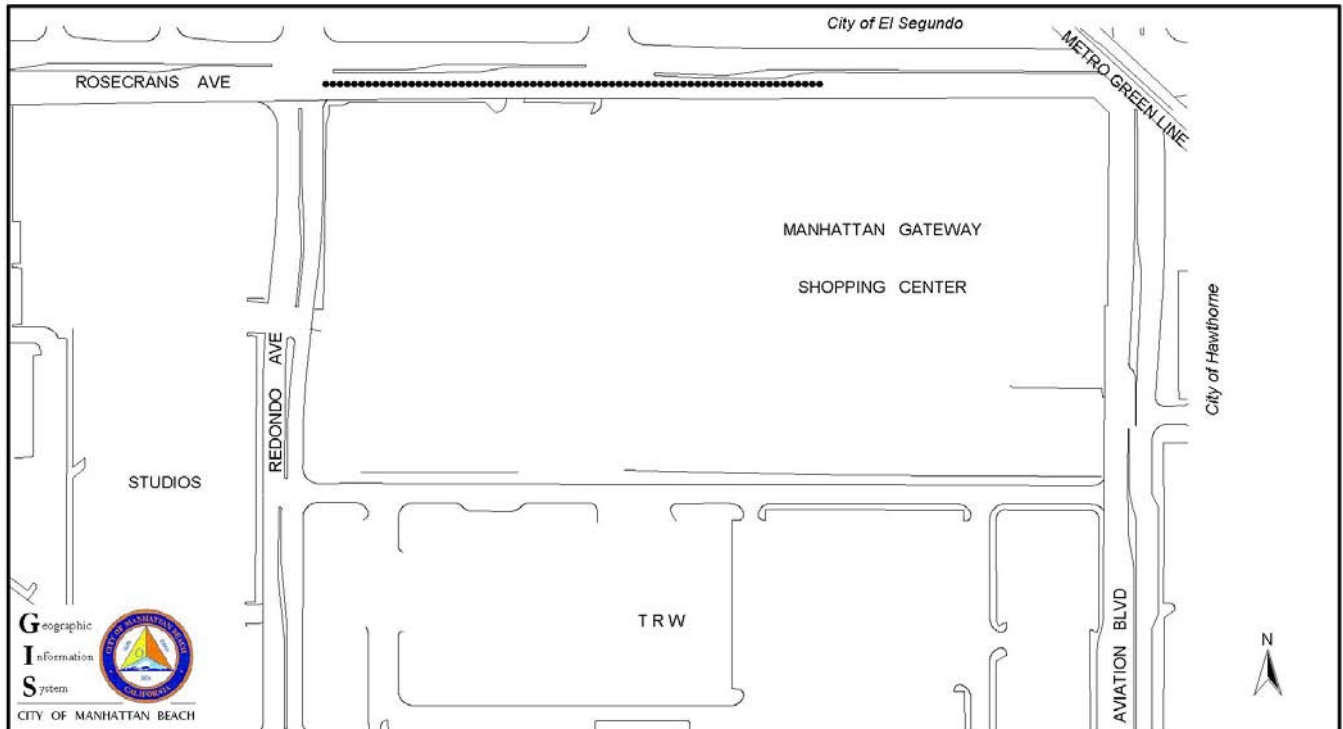
Original Funding Year: FY 2004-05

Funding Source: Proposition C Fund

Funding Remaining: \$29,773.00

Project Status: In design

Location Map:



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Project Information**

Carryover Project Type: Streets – capacity enhancements
Carryover Project number: 04824E

Carryover Project Title: **South Rosecrans Utility Undergrounding Street Work**

Description: Underground the existing utilities on the south side of Rosecrans.

Justification: This project will remove the last segment of power poles on the south side of Rosecrans Avenue between Sepulveda Blvd. and Aviation Blvd. The City has received a MTA Grant to make improvements on Rosecrans Avenue. One improvement will be the addition of a fourth eastbound lane east of Redondo Ave. To widen the street at this location, the existing utilities have to be moved back and undergrounded.

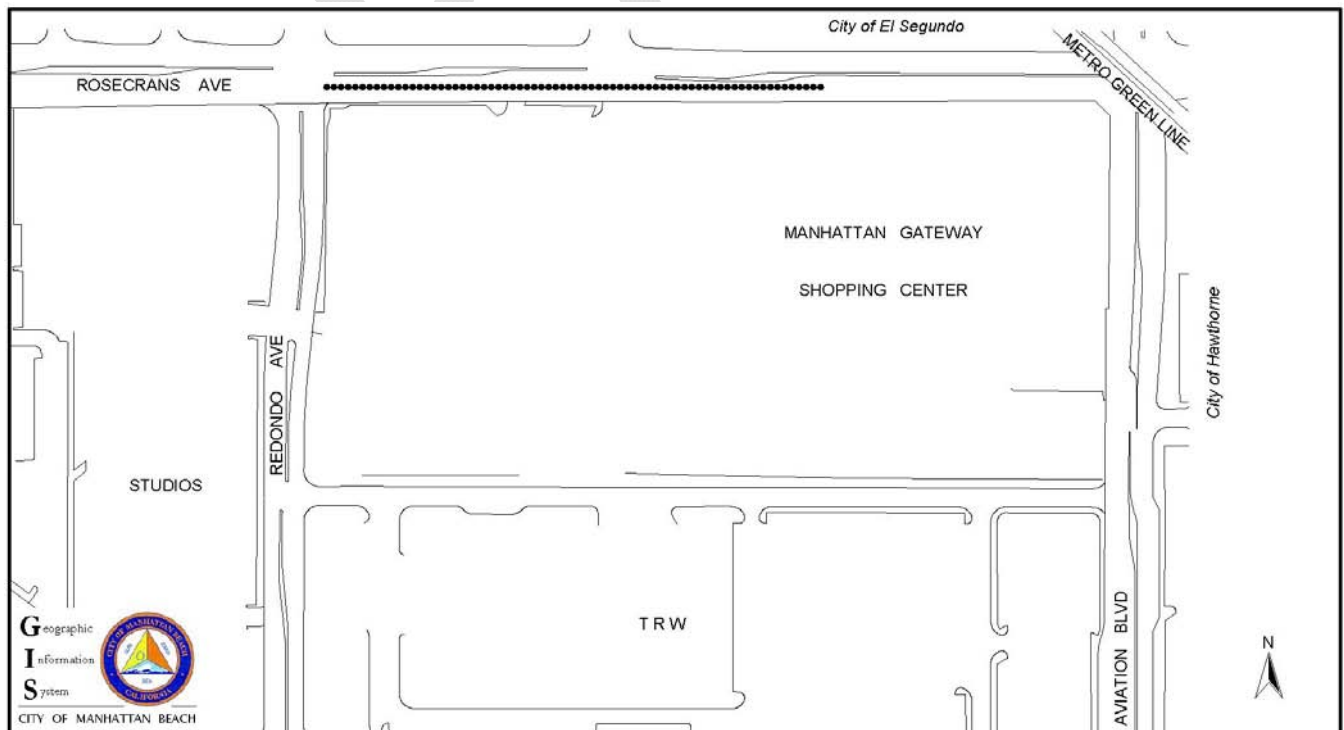
Original Funding Year: FY 2003-04

Funding Source: Proposition C Fund

Funding Remaining: \$178,626.00

Project Status: In design

Location Map:



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Carryover Project Type: Streets – capacity enhancements
Carryover Project number: 07822E

Carryover Project Title: **South Side Rosecrans Avenue Widening**

Description: Widen Rosecrans Avenue on the south side.

Justification: This project will provide an additional through lane for eastbound traffic east of Redondo Avenue and will remove the last segment of power poles on the south side of Rosecrans Avenue between Sepulveda Blvd. and Aviation Blvd. The City has received a MTA Grant to make improvements on Rosecrans Avenue. One improvement will be the addition of a fourth eastbound lane east of Redondo Ave. To widen the street at this location, the existing utilities have to be moved back and undergrounded.

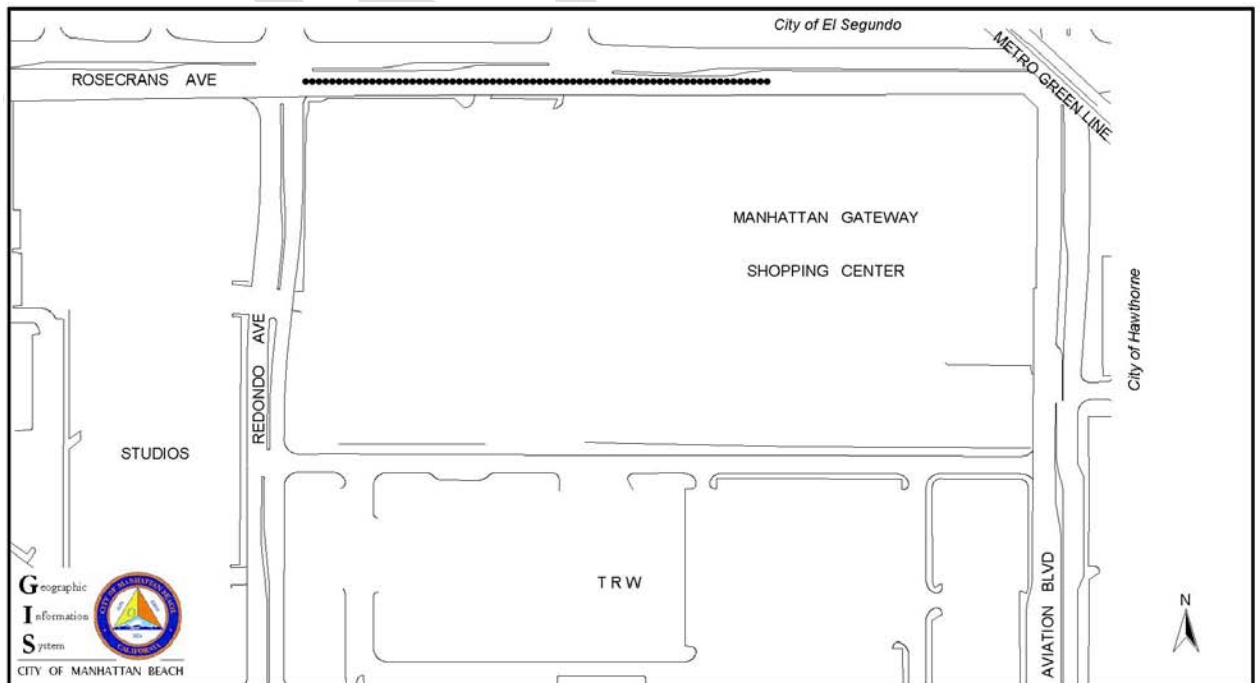
Original Funding Year: FY 2006-07

Funding Source: Proposition C Fund

Funding Remaining: \$346,396.00

Project Status: In design

Location Map:



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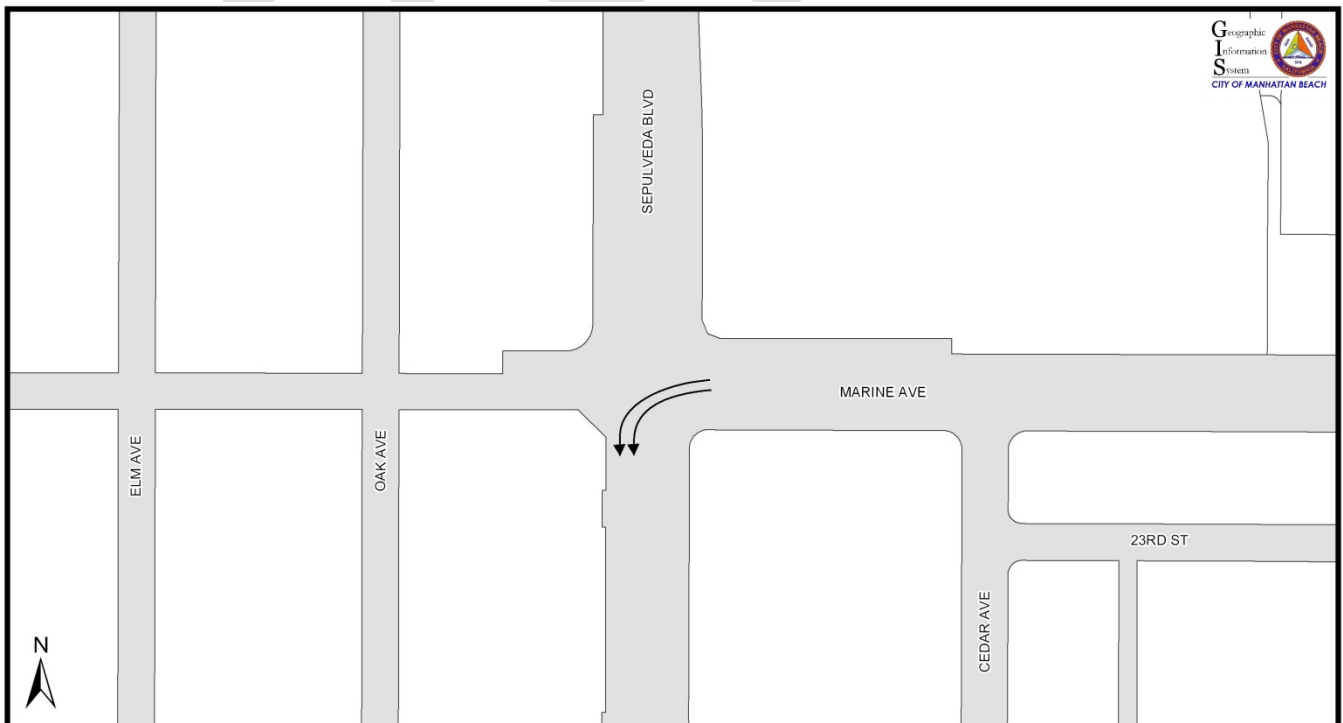


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Project Information**

Carryover Project Type: Streets – capacity enhancements
Carryover Project number: 12821E

Carryover Project Title:	Dual Left-Turn Lanes on Marine Avenue at Sepulveda Boulevard, WB to SB
Description:	Widening of the north side of the Marine to provide a dual westbound to southbound left-turn lanes.
Justification:	Westbound traffic at Sepulveda Boulevard at Marine Avenue intersection is congested due the lack of lane capacity.
Original Funding Year:	FY 2011-12
Funding Source:	Gas Tax Fund
Funding Remaining:	\$335,000.00
Project Status:	In design

Location Map:



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Carryover Project Type: Streets – capacity enhancements
Carryover Project number: 09823E

Carryover Project Title: **Dual Left-Turn Lanes on Manhattan Beach Boulevard at Sepulveda Boulevard, EB to NB, NB to WB, WB to SB**

Description: Widening and restriping of the intersection of Sepulveda Boulevard at Manhattan Beach Boulevard to provide Westbound to Southbound, Eastbound to Northbound and Northbound to Westbound Left-Turn Lanes

Justification: Left-turn movements at Sepulveda Boulevard at Manhattan Beach Boulevard are congested due the lack of lane capacity.

Original Funding Year: FY 2008-09

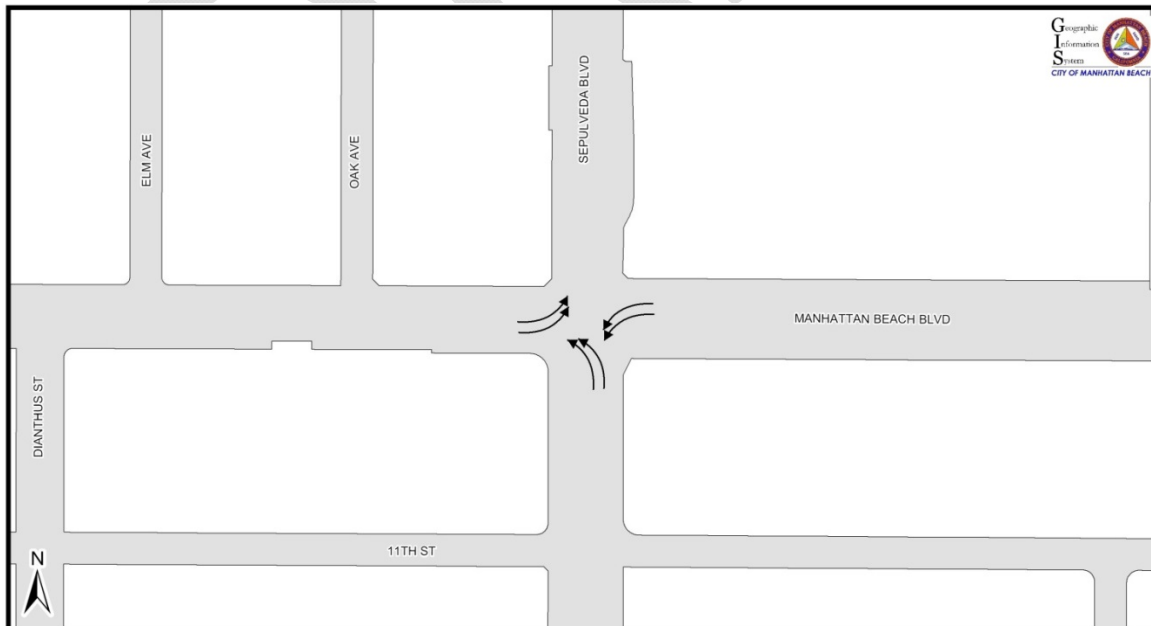
Funding Source: Proposition C Fund

Funding Remaining: \$383,203.00

New Funds Requested: \$980,000.00 in FY 2015-16

Project Status: On hold

Location Map:





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Project Information**

Carryover Project Type: Streets – capacity enhancements

Carryover Project Title: Sepulveda Boulevard & 8th Street Intersection Improvements, Northbound and Southbound from Sepulveda to 8th (Highway Safety Improvement Program – HSIP)

Description: Upgrade traffic signals, install protected left-turn phasing and construct curb ramps to comply with current ADA standards.

Justification: This project aims to improve driver decisions about rights of way and turning based on a spot location safety analysis and a road safety assessment. This project is further justified in light of ongoing accident history at this location with respect to turning vehicles. Total project cost is \$248,800 which includes \$223,800 in Federal Funds and a 10% Local match contribution of \$25,000.

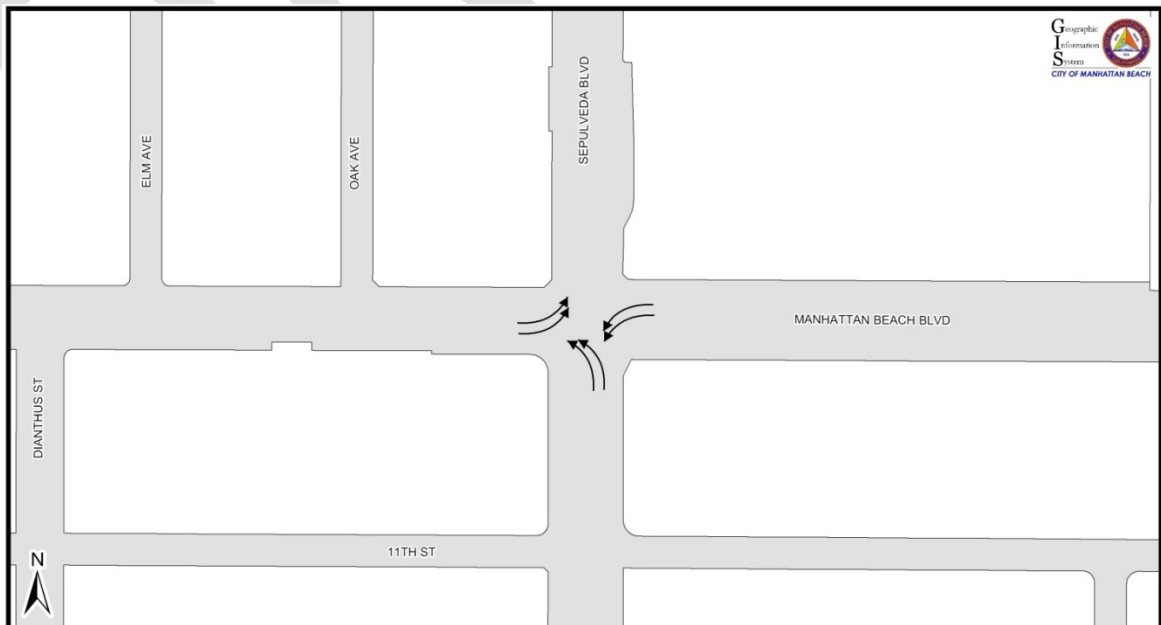
Original Funding Year: FY 2013-14

Funding Source: Gas Tax Fund

Funding Remaining: \$248,800.00

Project Status: Under development

Location Map:



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New Project Type: Streets – capacity enhancements

Project Title: Aviation Boulevard at Artesia Boulevard Southbound to Westbound Right-Turn Lane

Description: Utility relocation, street widening and restriping of the northwest corner of the intersection of Aviation Boulevard at Artesia Boulevard to provide Southbound to westbound left-turn lanes. This project will be coordinated with City of Redondo Beach widening efforts on the southeast corner of this intersection.

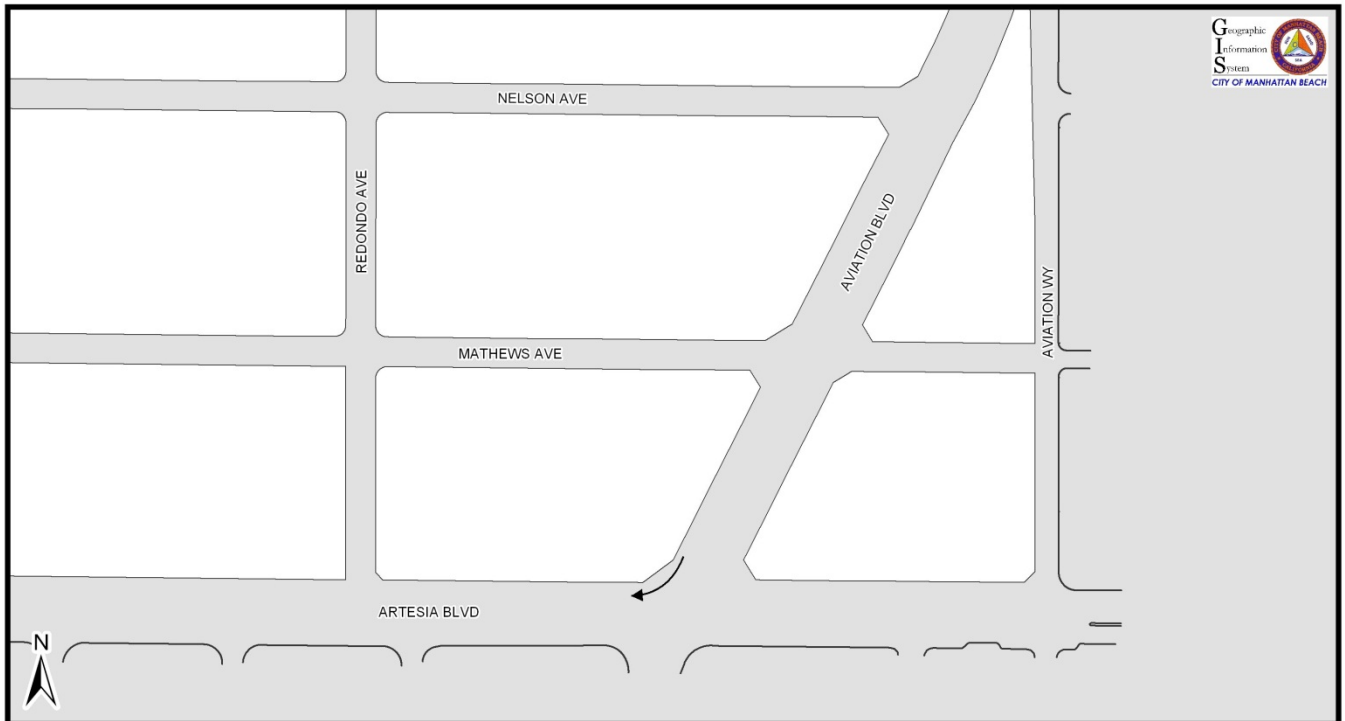
Justification: The southbound to westbound right-turn movement at Aviation Boulevard at Artesia Boulevard is congested due the lack of lane capacity.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Gas Tax Fund (Msr R SB)		\$1,150,000				\$1,500,000
TOTAL		\$1,150,000				\$1,500,000

Location Map:





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**DRAFT City of Manhattan Beach
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Project Information**

New Project Type: Streets – capacity enhancements

Project Title: **Dual Left-Turn Lanes, Aviation Boulevard at Marine Avenue Southbound to Eastbound**

Description: Utility pole relocation, widening and restriping of the northwest corner of the intersection of Aviation Boulevard at Marine Avenue to provide Southbound to Eastbound Left-Turn Lanes. The City of Hawthorne is the project lead since this improvement will be a part of their larger project.

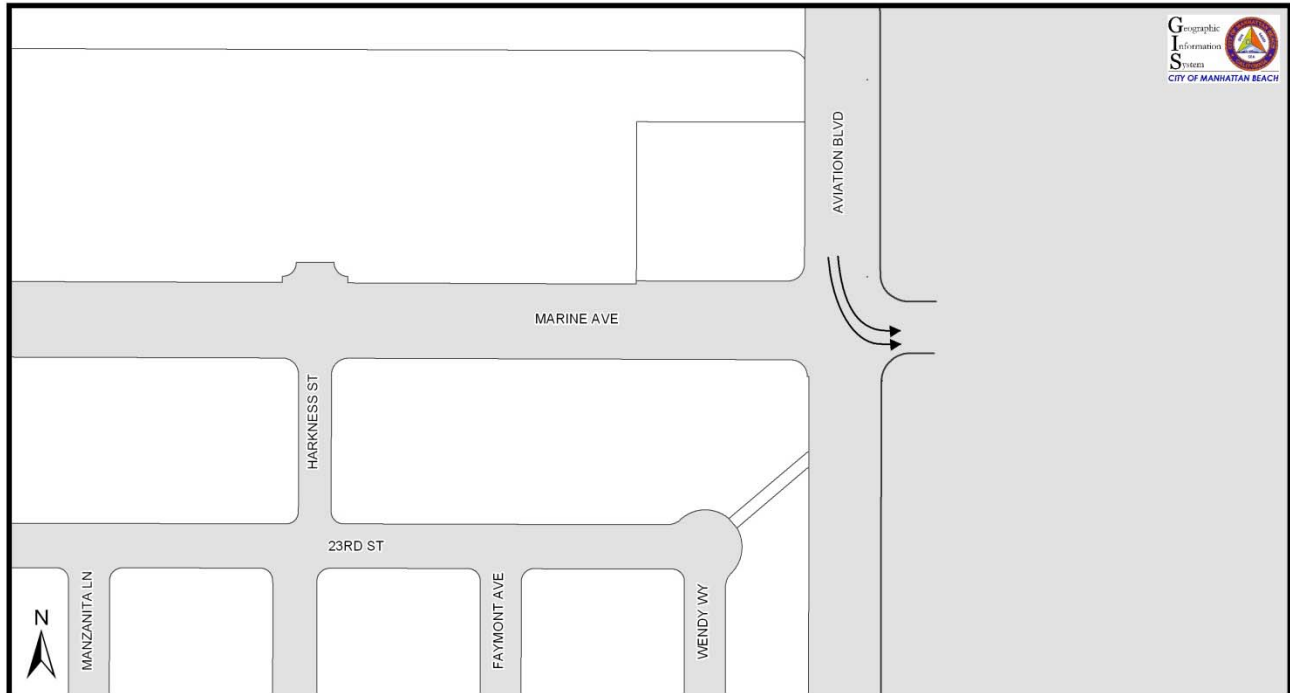
Justification: The southbound to eastbound Left-turn movement at Aviation Boulevard at Marine Avenue is congested due the lack of lane capacity.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Gas Tax Fund (Msr R SB)		\$1,500,000				\$1,500,000
TOTAL		\$1,500,000				\$1,500,000

Location Map:



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Project Information**

Carryover Project Type: Streets – pedestrian and safety improvements
Carryover Project number: 09825E

Carryover Project Title: Strand Stairs: Design

Description: Improvements to multiple stairways along the Strand. The City's federal grant application (\$1.6 million) was approved in the Federal Transportation Act and the grant funds became available in 2009. This project is repairing damaged stairs. During summer 2007, the City contracted with a professional firm to evaluate the current beach access and identify and prioritize minimum work needed to meet ADA compliance. The firm provided a transition plan for attaining compliance and documented the results of this evaluation. The cost for the compliance surveys and reports was \$25,944. Funds for this study were approved in fiscal year 2006-07 from the Capital Improvement Fund. Funds allocated for the design were allocated in fiscal year 2008-09 CIP (\$320,000 CIP Fund) and fiscal year 2009-10 for construction grant (\$1,600,000).

Justification: This project will improve beach access for the public.

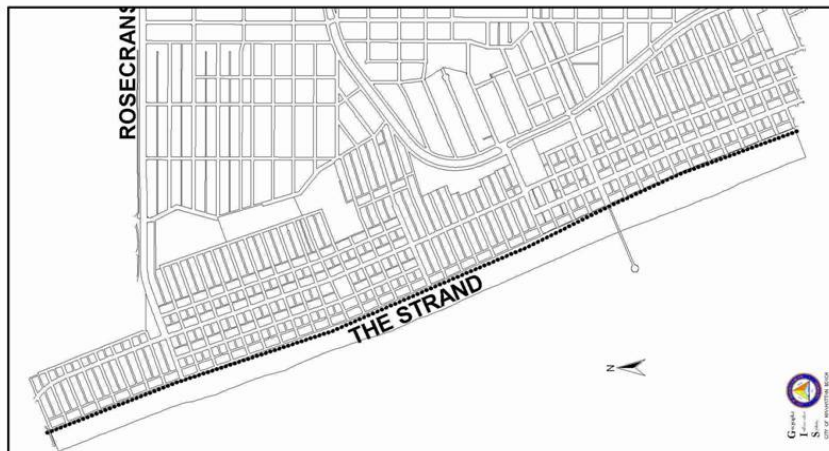
Original Funding Year: FY 2008-09

Funding Source: CIP Fund

Funding Remaining: \$290,799.00

Project Status: In design

Location Map:



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Project Information**

Carryover Project Type: Streets – pedestrian and safety improvements
Carryover Project number: 10824E

Carryover Project Title: Strand Stairs: Construction

Description: Improvements to multiple stairways along the Strand. The City's federal grant application (\$1.6 million) was approved in the Federal Transportation Act and the grant funds became available in 2009. This project is repairing damaged stairs. During summer 2007, the City contracted with a professional firm to evaluate the current beach access and identify and prioritize minimum work needed to meet ADA compliance. The firm provided a transition plan for attaining compliance and documented the results of this evaluation. The cost for the compliance surveys and reports was \$25,944. Funds for this study were approved in fiscal year 2006-07 from the Capital Improvement Fund. Funds allocated for the design were allocated in fiscal year 2008-09 CIP (\$320,000 CIP Fund) and fiscal year 2009-10 for construction grant (\$1,600,000).

Justification: This project will improve beach access for the public.

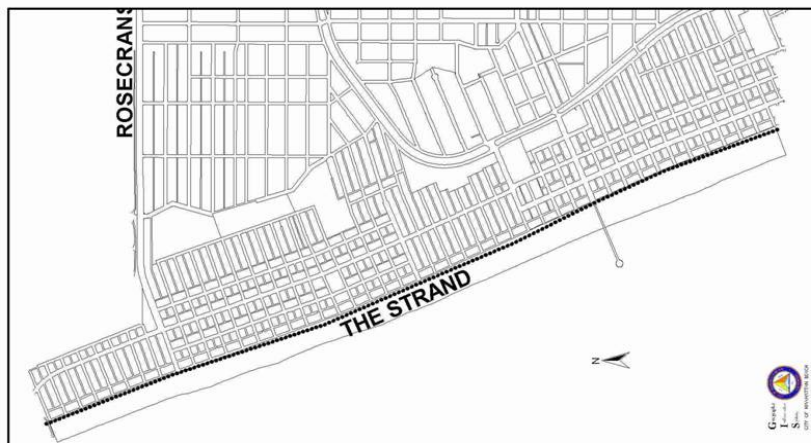
Original Funding Year: FY 2009-10

Funding Source: CIP Fund

Funding Remaining: \$1,572,910.00

Project Status: In design

Location Map:





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Project Information**

Carryover Project Type: Streets – pedestrian and safety improvements
Carryover Project number: 13842E

Carryover Project Title: **Cycle 3 Safe Routes to School Program**

Description: This project will install flashing beacons on stop signs, curb extensions with new ADA curb ramps, radar speed feedback signs, signage, markings, high visibility crosswalks, raised pavement markers and flexible delineators, and a bicycle facility on various streets adjacent to and in the vicinities of Manhattan Beach schools. American Martyrs School, Grand View Elementary School, Meadows Elementary School, Pacific Elementary School, Robinson Elementary School, and Manhattan Beach Middle School. See maps on following pages for details.

Justification: This grant is for reducing injuries and fatalities through capital (engineering) projects that improve safety for children in grades K-8 who walk or bicycle to school and through non-infrastructure projects that incorporate education, encouragement, and enforcement activities that are intended to change community behavior, attitudes, and social norms to increase the numbers of children walking and bicycling to school. Evaluation is a key component of the program and is required for both infrastructure and non-infrastructure projects.

Original Funding Year: FY 2012-13

Funding Source: CIP Fund and State Grant Funds

Funding Remaining: \$65,000.00

New Funds Requested: \$425,600.00 in FY 2014-15

Project Status: Pre-design

Location Maps on following pages:

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Carryover Project Type: Streets – pedestrian and safety improvements
Carryover Project number: 13842E

Carryover Project Title: Cycle 3 Safe Routes to School Program



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Manhattan Beach Middle School
Cycle 3 SRTS Grant Application
General Map - Sheet MBM



Install radar feedback sign
for southbound traffic
(Sheet MBM-4)

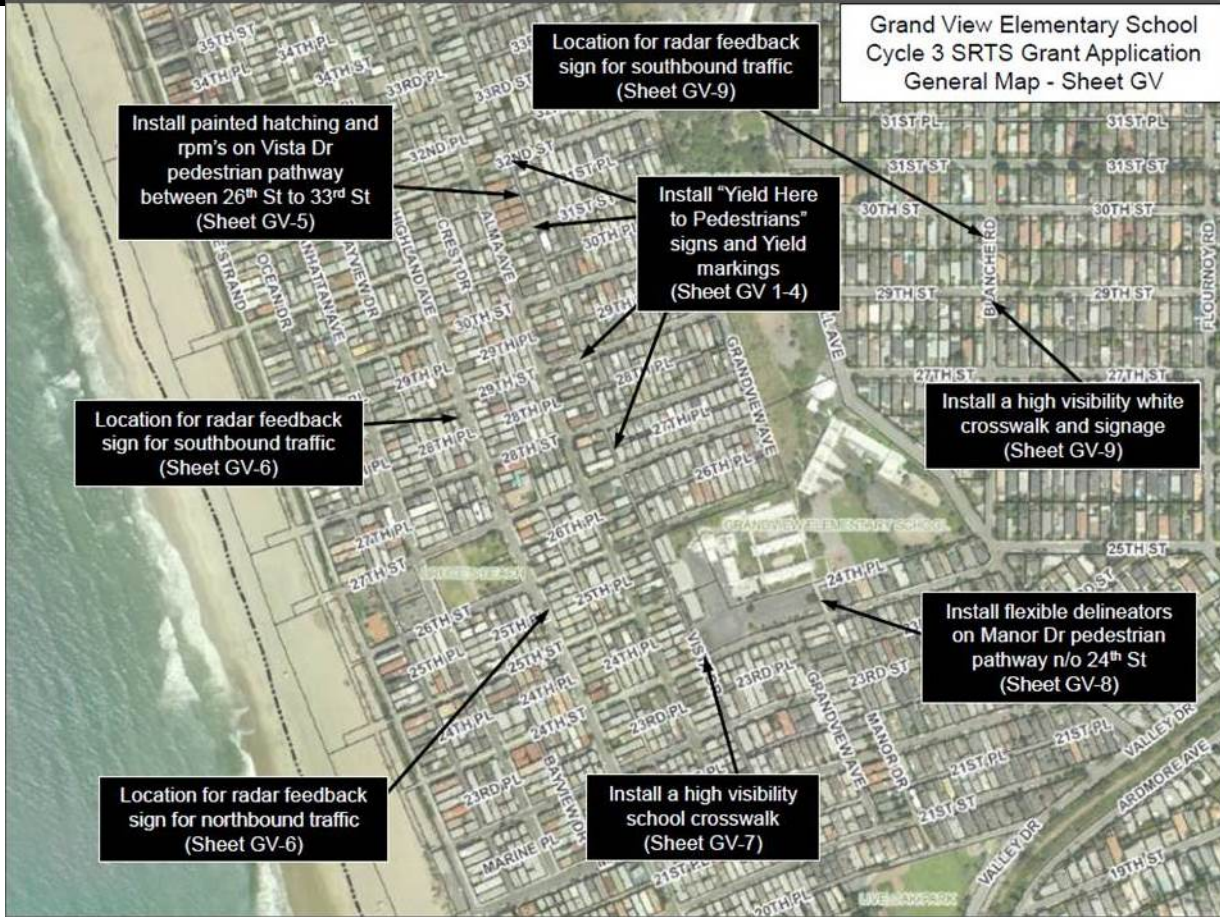
Install solar-powered red
flashing beacons and red
reflective strips on existing
R-1 ("STOP") signs (3)
(Sheet MBM-3)

Construct bike path
(Sheet MBM-1)

Construct curb
extensions with ADA
curb ramps
(Sheet MBM-3)

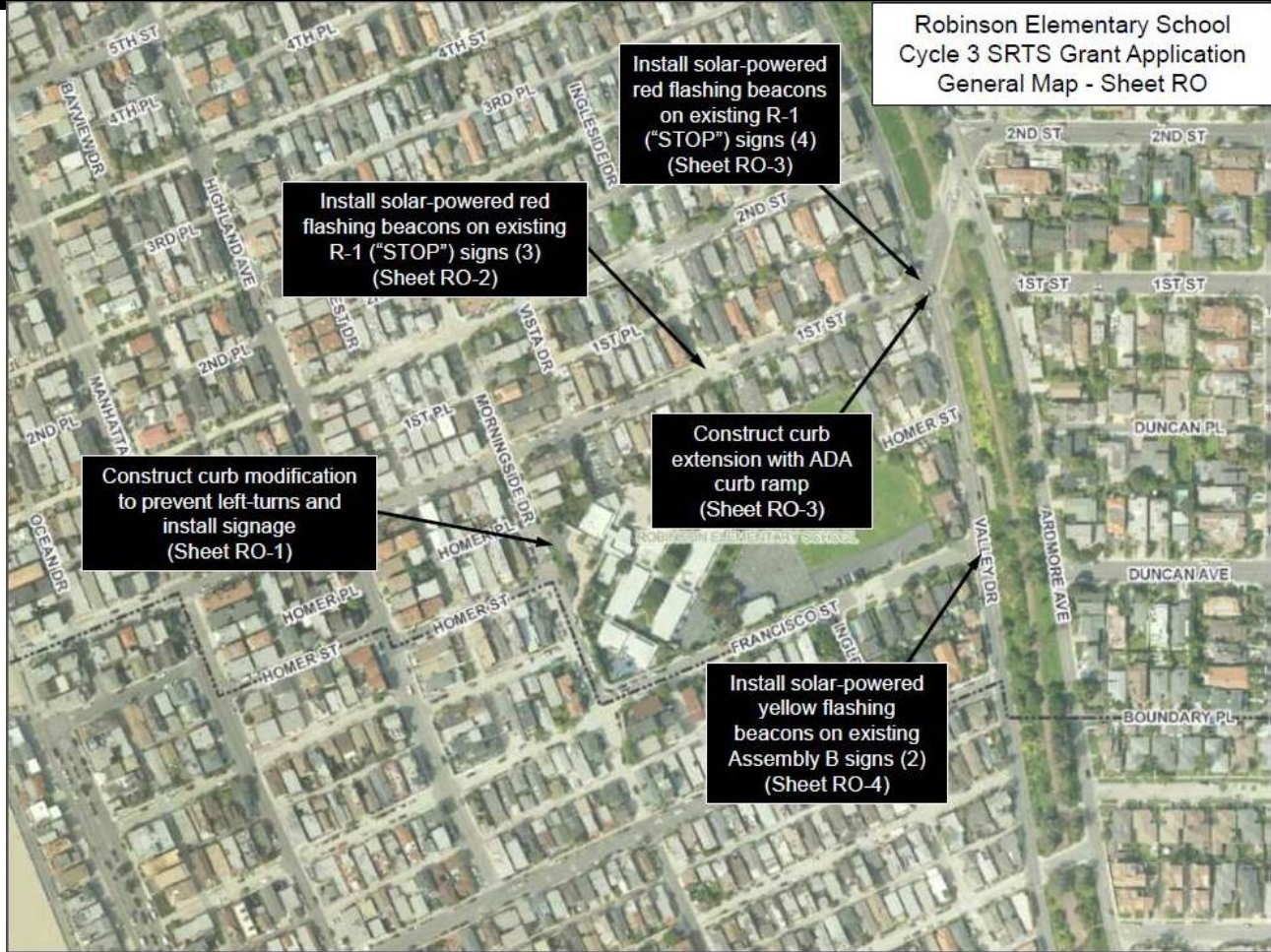
Install blank-out "NO
RIGHT TURN" sign for
southbound traffic
(Sheet MBM-2)

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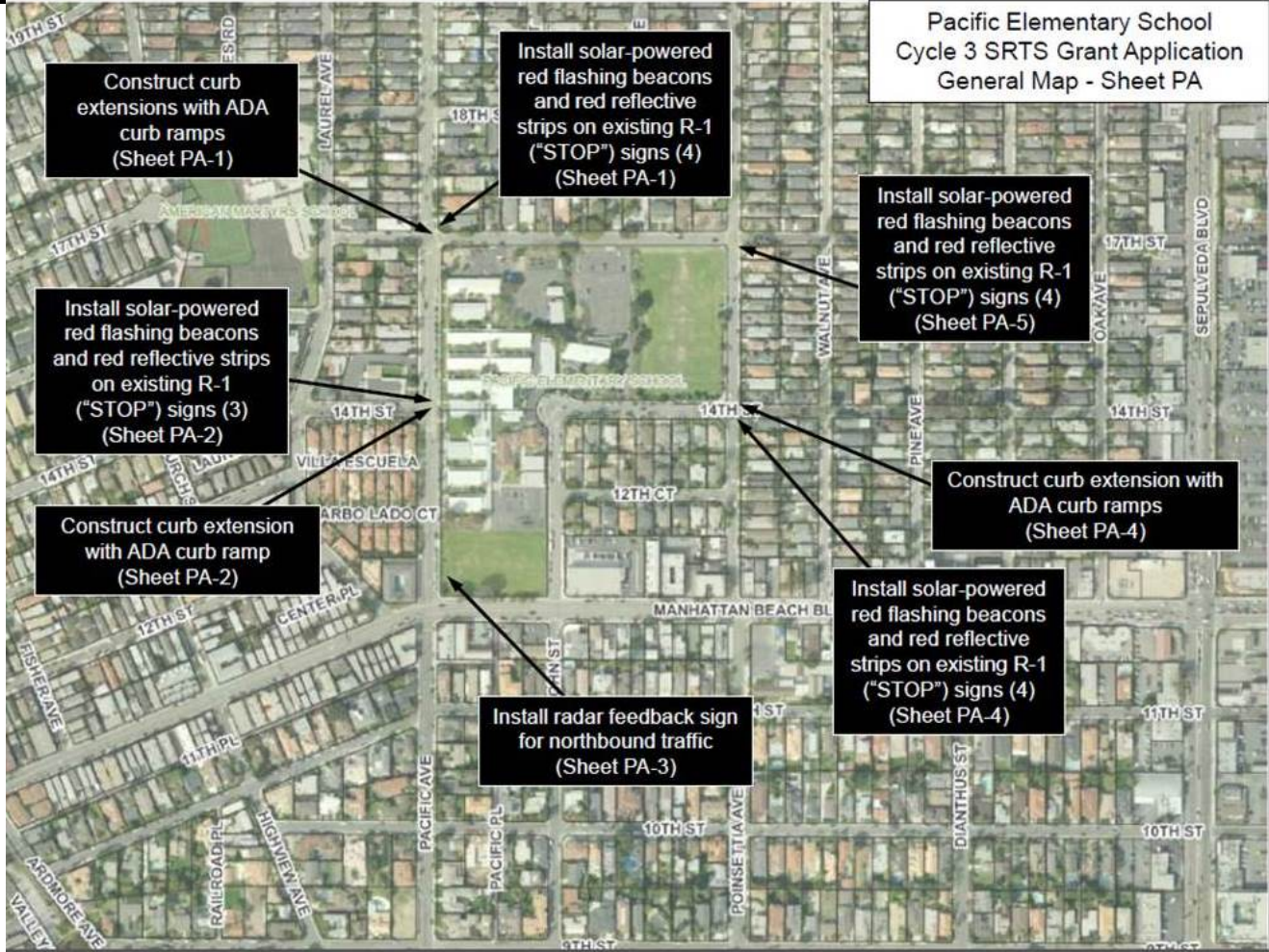
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Project Information**

Carryover Project Type: Streets – pedestrian and safety improvements
Carryover Project number: 13844E

Carryover Project Title: **Cycle 10 Safe Routes to School Program**

Description: Expand sidewalk at intersection, curb ramps, bulb-outs; install crosswalks, flashing beacons, signs, delineators, and pavement markings at various locations adjacent to and in the vicinity of American Martyrs School, Grand View ES, Manhattan Beach MS, Meadows Avenue ES, Pacific ES, Aurelia Pennekamp ES, and Opal Robinson ES. See map on the following page for details.

Justification: This grant is for reducing injuries and fatalities through capital (engineering) projects that improve safety for children in grades K-8 who walk or bicycle to school and through non-infrastructure projects that incorporate education, encouragement, and enforcement activities that are intended to change community behavior, attitudes, and social norms to increase the numbers of children walking and bicycling to school. Evaluation is a key component of the program and is required for both infrastructure and non-infrastructure projects.

Original Funding Year: FY 2012-13

Funding Source: CIP Fund and State Grant Funds

Funding Remaining: \$497,500.00

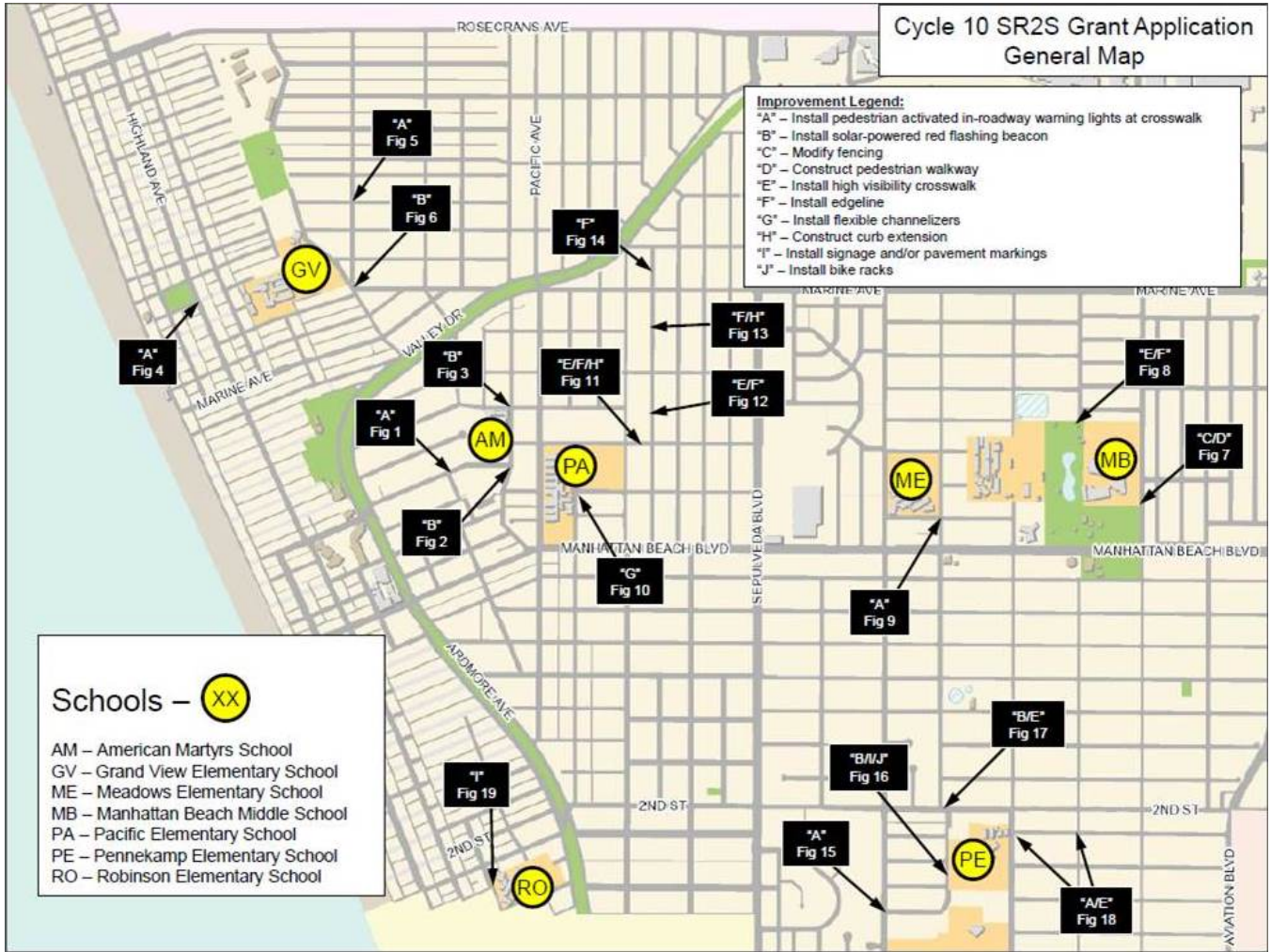
Project Status: Pre-design

Location Map on next page:

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Project Information**

Carryover Project Type: Streets – pedestrian and safety improvements
Carryover Project number: 13844E

Carryover Project Title: Cycle 10 Safe Routes to School Program



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Project Information**

Project Type: Streets – pedestrian and safety improvements
Carryover Project number: 13829E

Carryover Project Title: **FY 12-13 Non-Motorized Transportation Crosswalks, Bike Lanes, etc.**

Description: Provision of features to enhance non-motorized modes of transportation such as walking and biking.

Justification: This project would provide an annual account from which pedestrian and bicycle enhancements could be funded. Improvements such as high visibility pedestrian crossings, bike lanes, pedestrian and bicycle related traffic calming measures and other bicycle and pedestrian amenities would be funded through this project. Specific projects to be pursued include bike friendly streets on Pacific and Redondo Avenues as identified in the South Bay Bicycle Master Plan.

Original Funding Year: FY 2012-13

Funding Source: CIP Fund

Funding Remaining: \$100,000.00

Project Status: Pre-design

Location Map:

No map. Improvements would be located on streets and sidewalks citywide.

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Project Information**

New Project Type: Streets – Pedestrian and Safety Improvements

Project Title: **FY 14-15 through FY 18-19 Non-Motorized Transportation
Crosswalks, Bike Lanes, Etc.**

Description: Provision of features to enhance non-motorized modes of transportation such as walking and biking.

Justification: This project would provide an annual account from which pedestrian and bicycle enhancements could be funded. Improvements such as high visibility pedestrian crossings, bike lanes, pedestrian and bicycle related traffic calming measures and other bicycle and pedestrian amenities would be funded through this project.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
CIP Fund	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

Location Map:

No map. Improvements would be located on streets and sidewalks citywide.



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Project Information**

New Project Type: Streets – Pedestrian and Safety Improvements

Project Title: Install Traffic Signal at Highland Avenue and 38th Street

Description: Design and construct traffic signal, including crosswalks and curb ramps at the intersection of 38th Street and Highland Avenue.

Justification: This project was requested by the North Manhattan Business Improvement District to provide a protected pedestrian crossing north of Rosecrans Avenue. The crosswalk would improve pedestrian connectivity between businesses and a public parking structure. The work would also improve traffic safety by signaling currently unprotected vehicle and pedestrian movements at the intersection. Future fiscal impact is estimated at \$250 per month for electrical costs and ongoing traffic signal maintenance.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Measure R Local Return		\$215,000				\$215,000
TOTAL		\$215,000				\$215,000

Location Map on following page:

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Project Information**

New Project Type: Streets – pedestrian and safety improvements

Project Title: Install Traffic Signal at Highland Avenue and 38th Street

Location map:



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New Project Type: Streets – pedestrian and safety improvements

Project Title: **Signalized Crosswalk: Manhattan Beach Boulevard at the Target Driveway**

Description: Install signalized crosswalk on west leg of intersection, including pedestrian traffic signal heads, push buttons, striping, curb ramps, pole mounted signal head, and back plates.

Justification: This project was requested by the Parking and Public Improvements Commission because there is currently no pedestrian crossing between Sepulveda Boulevard and Meadows Avenue (1,250'). The crosswalk would improve pedestrian connectivity to major destinations. The work would also improve traffic safety by upgrading existing signal equipment to current standards to reduce the current collision rate.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Measure R Local Return	\$185,000					\$185,000
TOTAL	\$185,000					\$185,000

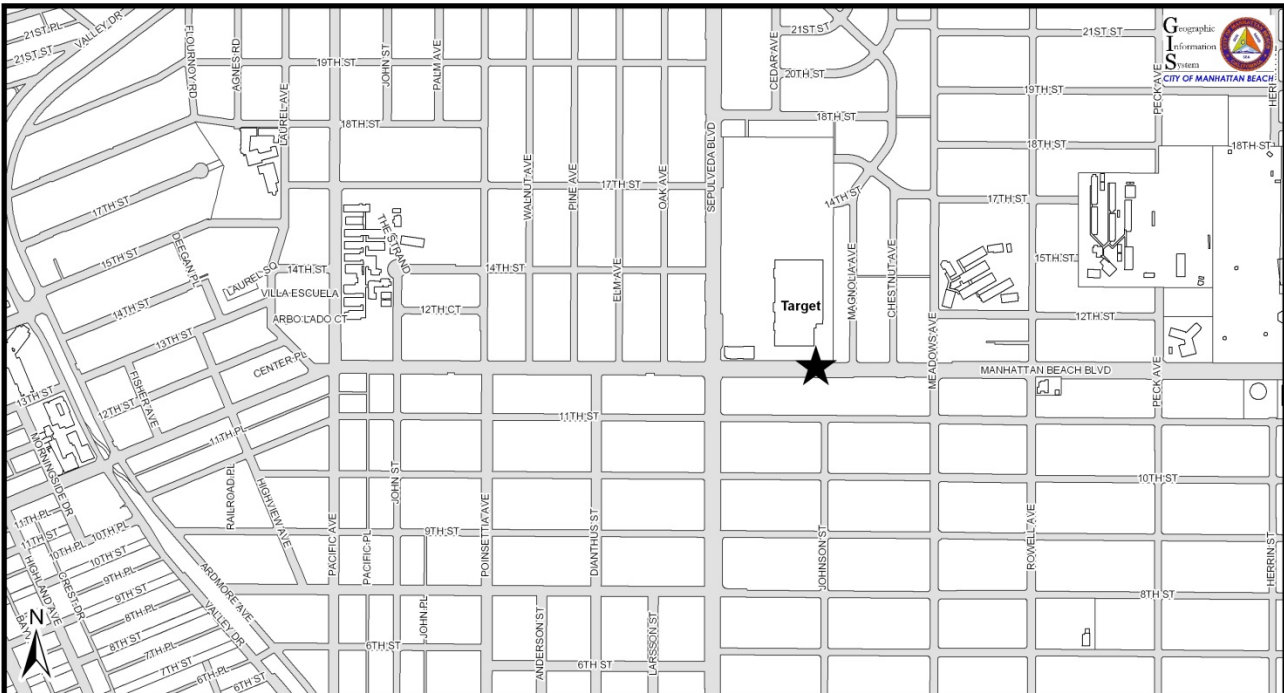
Location Map on following page:

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Project Information**

New Project Type: Streets – pedestrian and safety improvements

Project Title: **Signalized Crosswalk: Manhattan Beach Boulevard at the Target Driveway**

Location map:



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Project Type: Streets – pedestrian and safety improvements

Project Title: **Raised Median Construction: Manhattan Beach Boulevard, west of Aviation Boulevard**

Description: The project will construct approximately 290 linear feet of raised median between Aviation Boulevard and the existing raised median west of Aviation Boulevard.

Justification: Eastbound vehicles on Manhattan Beach Boulevard continually disregard the existing painted median and posted turn prohibitions to turn into the driveways for Trader Joe’s and the gas station on the north side of the roadway. Recent installation of additional pavement markings has had no effect. Installation of a physical barrier, such as a raised median, will eliminate this illegal and dangerous movement.

The Traffic Engineer had evaluated several options for improvements in the area and it was circulated through the Traffic Committee, and the median was the preferred improvement. The rubber delineators were one of the options considered, but due to the monument sign just west of the proposed location as well as it being only a temporary fix; staff did not support that option.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Measure R Local Return	\$150,000					\$150,000
TOTAL	\$150,000					\$150,000

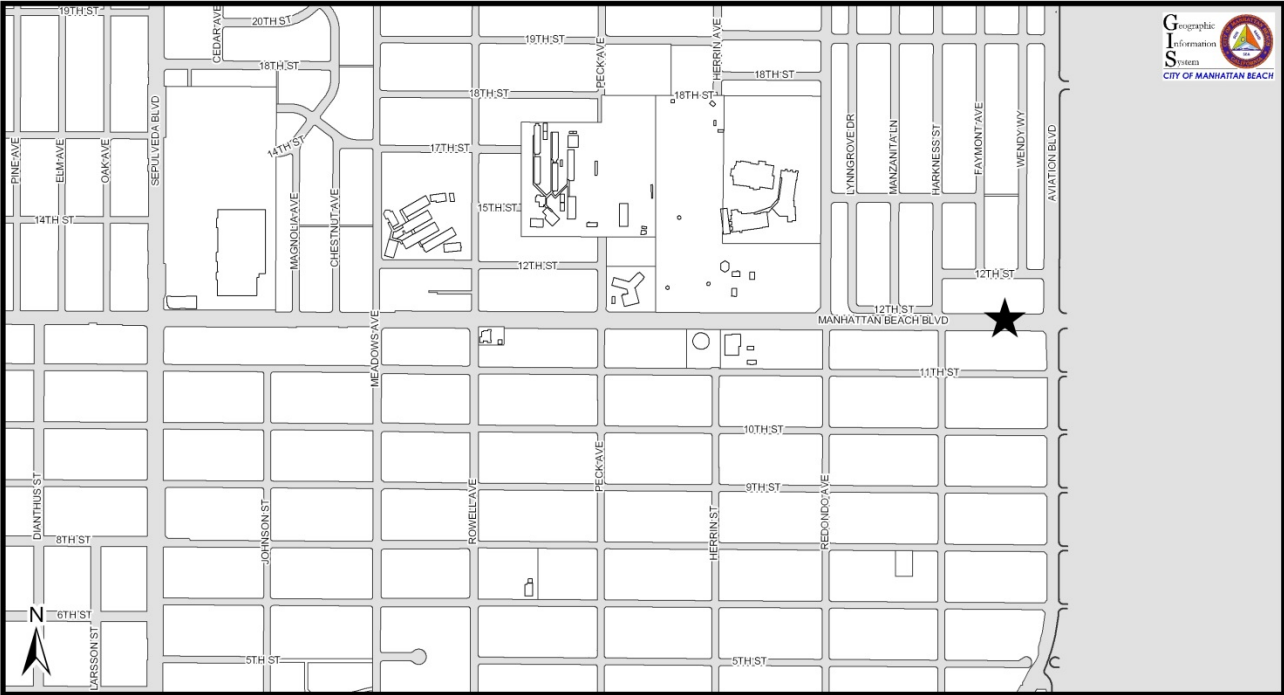
Location Map on following page:

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Project Information**

Project Type: Streets – pedestrian and safety improvements

Project Title: Raised Median Construction: Manhattan Beach Boulevard, west of Aviation Boulevard

Location map:



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Project Type: Streets – pedestrian and safety improvements

Project Title: CDBG Access Ramp Construction Project

Description: Construct concrete access ramps at various locations throughout the City.

Justification: The Community Development Block Grant (CDBG) Program provides for the development of viable urban communities by providing decent housing, a suitable living environment, and expanded economic opportunities primarily for persons of low and moderate income. Eligible activities under the CDBG Program include activities related to housing, other real property activities (code enforcement, historic preservation), public facilities, activities related to public services, activities related to economic development, and assistance with community based development organizations. CDBG funds may be used for the acquisition, construction, reconstruction, rehabilitation, or installation of public improvements or public facilities. Public Improvements includes, but is not limited to, streets, sidewalks, water and sewer lines, and parks.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Measure R Local Return	\$208,000					\$208,000
TOTAL	\$208,000					\$208,000

Location Map: No map

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Project Information**

Carryover Project Type: Streets – concrete repairs

Carryover Project Title: **FY 13-14 Annual Curb, Gutter and Ramp Replacement Project**

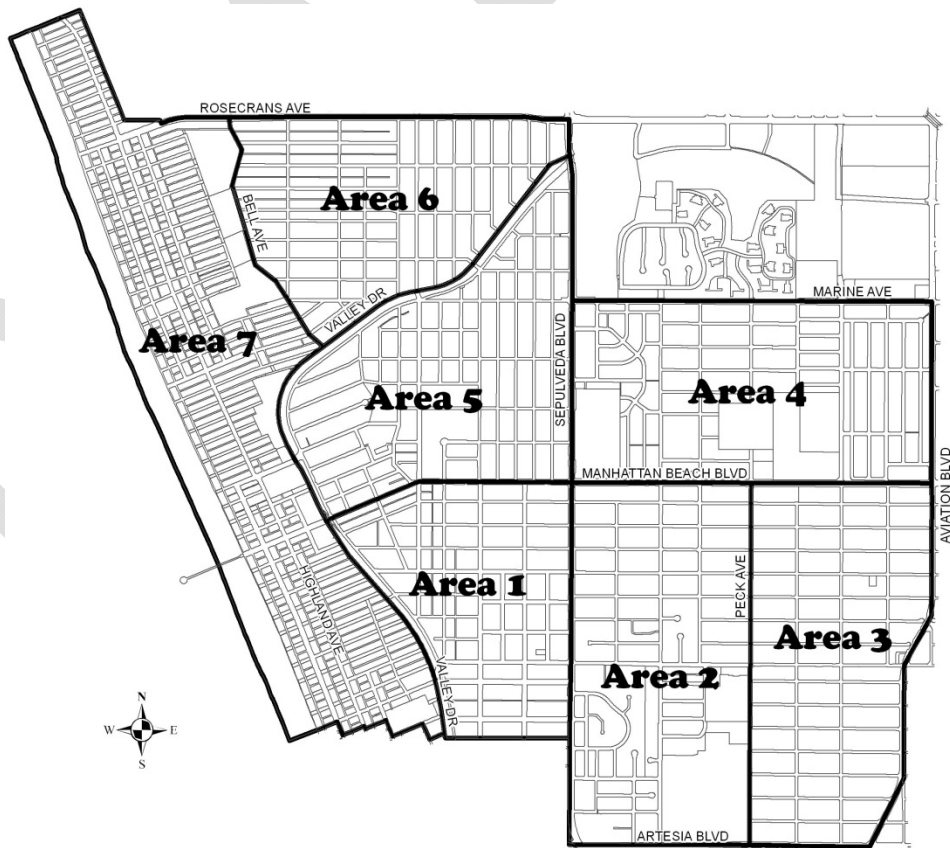
Description: Replacement of concrete improvements in advance of slurry sealing to mitigate trip hazards and gutter ponding. Curb ramps will also be installed as needed to comply with the Americans with Disabilities Act. The 2013-14 project will focus on Area 2.

Justification: Tree roots and soil settlement cause displacement of curbs gutters and sidewalk. This project will eliminate displacements and gutter ponding.

Funding Remaining: \$365,000.00

Project Status: Bid process

Location Map:





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New Project Type: Streets – concrete repairs

Project Title: **FY 14-15 through FY18-19 Annual Curb, Gutter and Ramp Replacement Project**

Description: The 2014-15 project will focus on two things:

1. Replacement of concrete improvements in advance of slurry sealing to mitigate trip hazards and gutter ponding. Curb ramps will also be installed as needed to comply with the Americans with Disabilities Act. This work will be performed in Area 3 (see map).
2. Connect the north side of Parkview Ave. between Park Way and Market Place. 560 feet of new 6' sidewalk will be constructed to join a private walk at Market Pl (see map). This project includes all ADA pedestrian requirements.

Justification:

1. Tree roots and soil settlement cause displacement of curbs gutters and sidewalk. This project will eliminate displacements and gutter ponding.
2. Currently, no sidewalks exist east of Park Way on Parkview Ave. Adding pedestrian access to the commercial area on Market Pl. would allow pedestrian areas access from Village Dr east to Market Pl. via Parkview Ave.

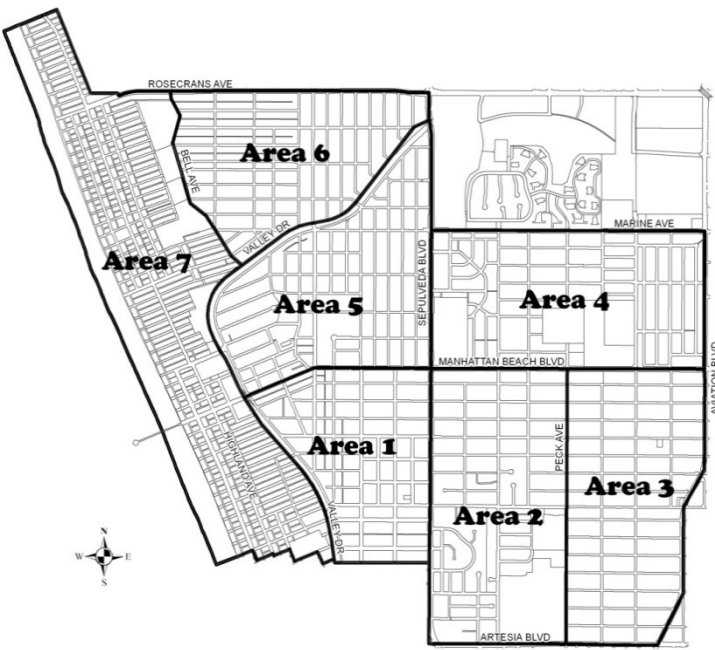
Project Cost Information:

Capital Costs:

<i>Funding Source</i>	<u>FY 2014-15</u> <u>Area 3</u>	<u>FY 2015-16</u> <u>Area 4</u>	<u>FY 2016-17</u> <u>Area 5</u>	<u>FY 2017-18</u> <u>Area 6</u>	<u>FY 2018-19</u> <u>Area 7</u>	<u>TOTAL</u>
Gas Tax Fund	\$495,000	\$345,000	\$345,000	\$345,000	\$345,000	\$1,875,000
TDA – Art. 3	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$ 100,000
TOTAL	\$515,000	\$365,000	\$365,000	\$365,000	\$365,000	\$1,975,000

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Project Information**

Carryover Project Type: Streets – asphalt pavement
Carryover Project number: 11822E

Carryover Project Title: **Street Resurfacing Project: Rosecrans Avenue (Sepulveda Boulevard to Redondo Avenue)**

Description: The project will mill and overlay the pavement surface and replace displaced curbs, gutters and sidewalk.

Justification: The existing pavement on Rosecrans Avenue with the project limits is deteriorated and rehabilitation is required.

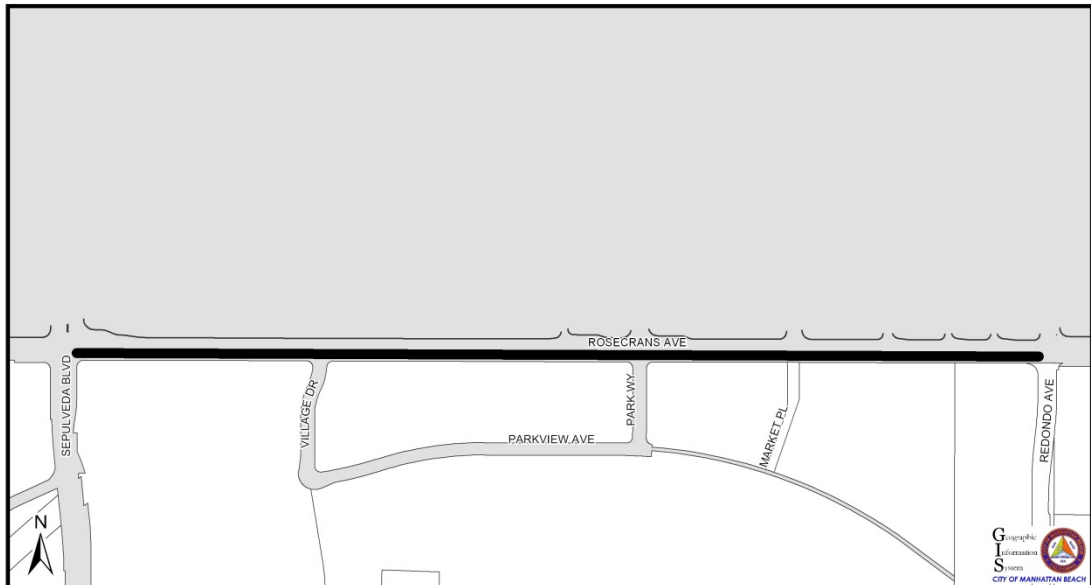
Original Funding Year: FY 2010-11

Funding Source: Gas Tax Fund

Funding Remaining: \$250,000.00

Project Status: In design

Location Map:



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Project Information**

Carryover Project Type: Streets – asphalt pavement
Carryover Project number: 12820E

**Carryover
Project Title:**

Street Resurfacing Project: Ardmore and Valley

Description:

The project will mill and overlay the pavement surface and replace displaced curbs, gutters and sidewalk.

Justification:

The existing pavement on Valley Drive and Ardmore Ave. within the project limits is deteriorated and rehabilitation is required.

**Original
Funding Year:**

FY 2011-12

**Funding
Source:**

Gas Tax Fund

**Funding
Remaining:**

\$130,946.00

Project Status:

Finalizing notice of completion

Location Map:





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Project Information**

Carryover Project Type: Streets – asphalt pavement
Carryover Project number: 10823E

Carryover Project Title: **Manhattan Ave./Highland Ave. Improvement Project (1st-8th)**

Description: Improvement project on Manhattan Avenue and Highland Avenue, from 1st Street to 8th Street. Cold mill existing asphalt roadway and construct new asphalt overlay; construct concrete curb and gutter and alley intersections.

Justification: These streets were selected based on information from the City's Pavement Management System, based on roadway repairs history.

Original Funding Year: FY 2009-10

Funding Source: Gas Tax Fund

Funding Remaining: \$704,236.00

Project Status: In design

Location Map:



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Carryover Project Type: Streets – asphalt pavement

Carryover Project Title: **Triennial Pavement Management System Update**

Description: Inspection of pavement surfaces to assess condition, prioritize rehabilitation and determine resources required to maintain street pavements in good condition.

Justification: State, federal and county regulations require that Cities maintain a pavement management system. A pavement management system is a management tool to assist in the development of efficient pavement maintenance and rehabilitation programs. The City is required to inspect pavement condition on a triennial basis. The last pavement evaluation was completed in 2011 and is required to be updated again in 2014. The evaluations will update pavement condition for all streets in the City except Sepulveda Boulevard which is a State Highway.

Original Funding Year: FY 2009-10

Funding Source: Gas Tax Fund

Funding Remaining: \$40,000.00

New Funds Requested: \$40,000.00 in FY 2016-17

Project Status: Preparing Request for Proposal

Location Map:

No map

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New Project Type: Streets – asphalt pavement

Project Title: **Resurfacing Project: Manhattan Beach Boulevard
(Sepulveda Boulevard to Aviation Boulevard)**

Description: The project will mill and overlay the pavement surface, replace displaced curbs, gutters and sidewalk to extend the pavement useful life.

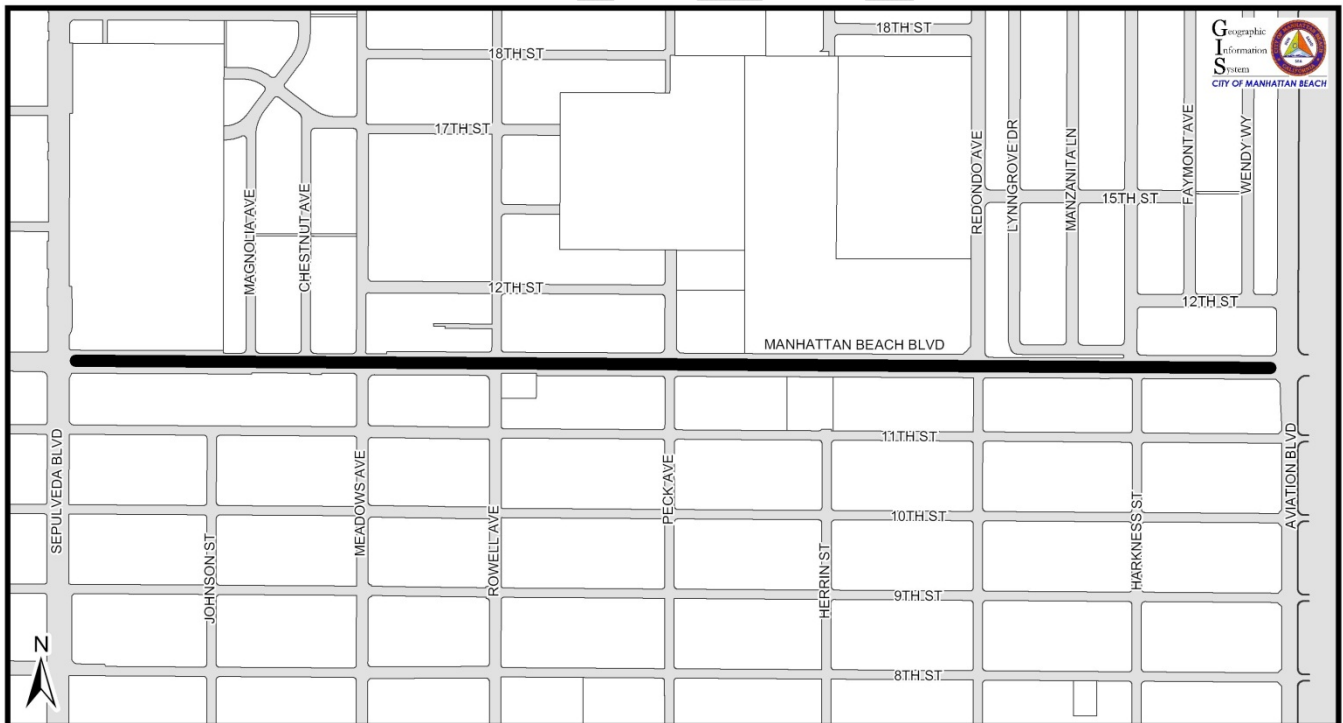
Justification: The existing pavement on Manhattan Beach Boulevard within the project limits is deteriorated and rehabilitation is required.

Project Cost Information:

Capital Costs:

Funding Source(s)	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL
Gas Tax Fund	\$100,000	\$900,000				\$1,000,000
TOTAL	\$100,000	\$900,000				\$1,000,000

Location Map:



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Project Information**

New Project Type: Streets – asphalt pavement

Project Title: **Resurfacing Project: Marine Avenue
(Sepulveda Boulevard to Aviation Boulevard)**

Description: The project will mill and overlay the pavement surface, replace displaced curbs, gutters and sidewalk to extend the pavement useful life.

Justification: The existing pavement on Marine Avenue within the project limits is deteriorated and rehabilitation is required.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Gas Tax Fund			\$800,000			\$800,000
TOTAL			\$800,000			\$800,000

Location Map:

No map

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Project Information**

New Project Type: Streets – asphalt pavement

Project Title: Street Resurfacing Project: Blanche Road, Marine Avenue, Oak Street, 27th Street, and 11th Street

Description: The project will mill and overlay the pavement surface and replace displaced curbs, gutters and sidewalk at the following locations:

- | | |
|-------------------------|---|
| 1. Blanche Rd. | Valley Drive to 25 th Street |
| 2. Marine Ave. | Grandview Ave. to Blanche Rd. |
| 3. Oak St. | Valley Drive to Rosecrans Ave. |
| 4. 27 th St. | Bayview Dr. to Highland Avenue |
| 5. 11 th St. | Peck Ave. to Redondo Ave. |

Justification: The existing pavement on the streets within the project limits is deteriorated and rehabilitation is required.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Gas Tax Fund	\$125,000	\$500,000				\$625,000
TOTAL	\$125,000	\$500,000				\$625,000

Location Map:



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Project Information**

New Project Type: Streets – asphalt pavement

Project Title: FY 14-15 through FY18-19 Annual Slurry Seal Program

Description: Annual program to slurry seal City’s streets. The FY14-15 project will be performed in Areas 2 & 3.

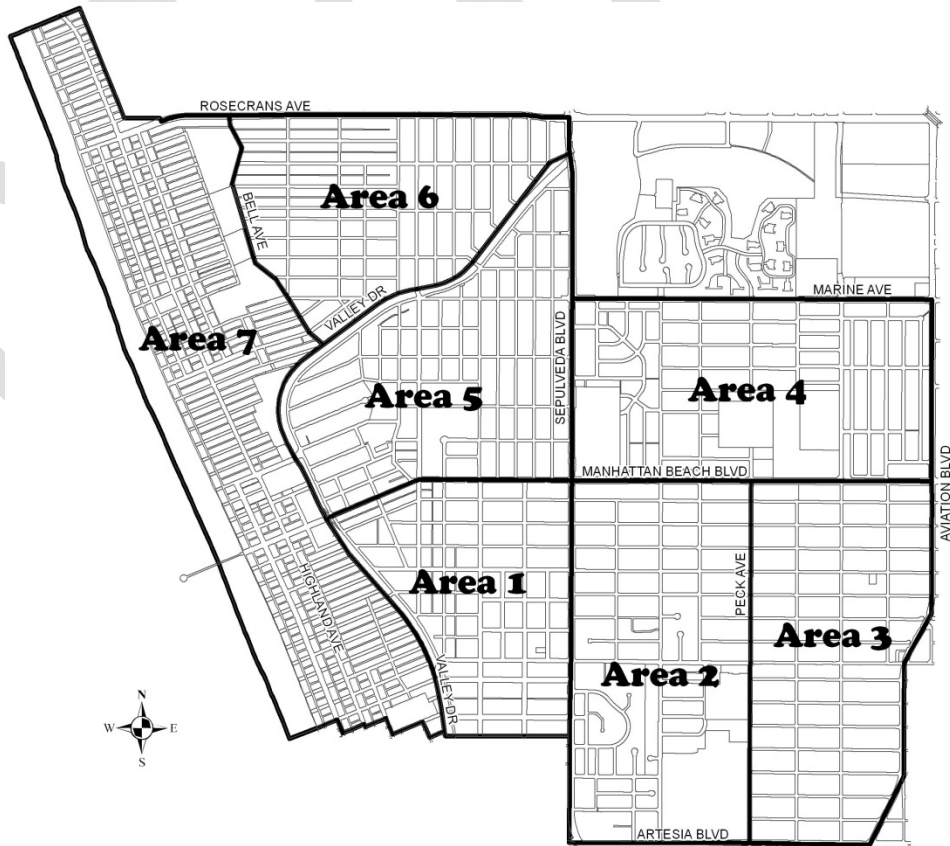
Justification: The slurry seal process works to protect and prolong the life of City streets. This cost is dependent upon oil prices and is adjusted based upon current cost data. The program reflects a continuation of the City’s policy to slurry seal streets on a seven year cycle.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15 Areas 2 & 3</u>	<u>FY 2015-16 Area 4</u>	<u>FY 2016-17 Area 5</u>	<u>FY 2017-18 Area 6</u>	<u>FY 2018-19 Area 7</u>	<u>TOTAL</u>
Gas Tax Fund	\$700,000	\$350,000	\$350,000	\$350,000	\$350,000	\$2,100,000
TOTAL	\$700,000	\$350,000	\$350,000	\$350,000	\$350,000	\$2,100,000

Location Map:



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Project Information**

New Project Type: Streets – asphalt pavement

Project Title: Morningside Drive Rehabilitation

Description: The project will rehabilitate the pavement surface and replace displaced curbs, gutters and ramps.

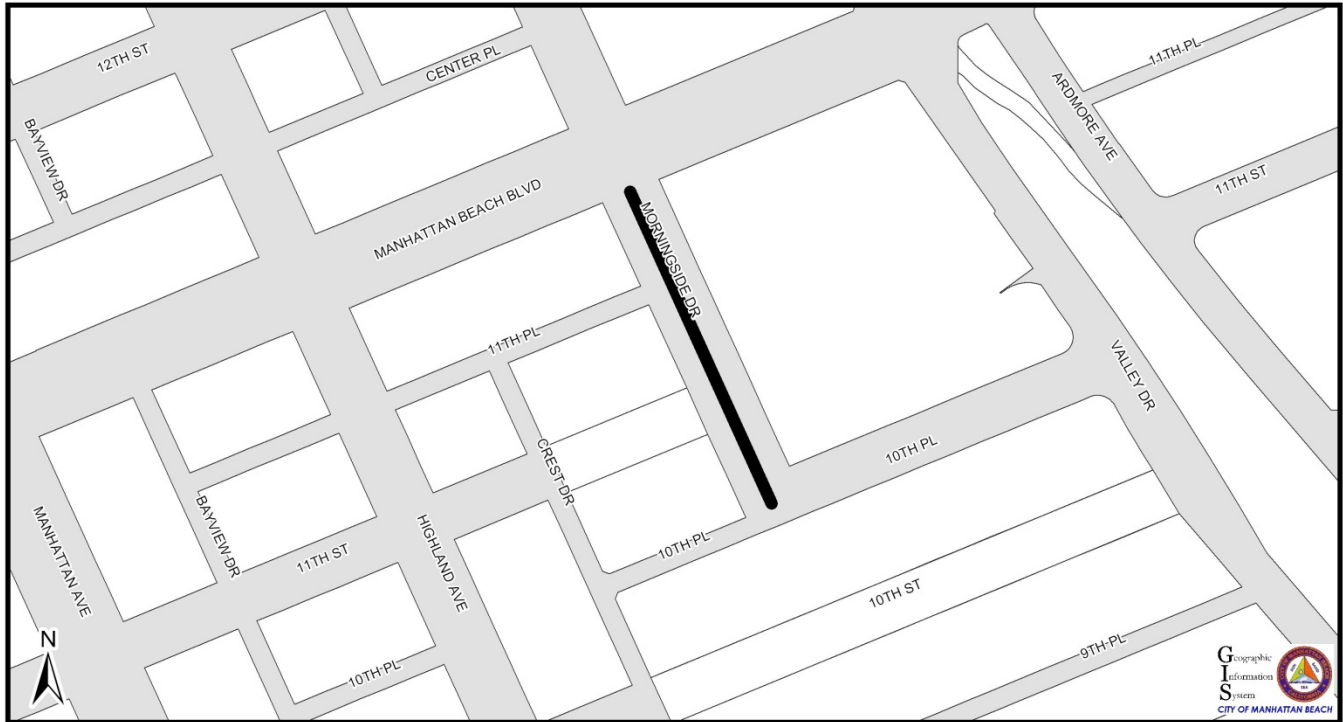
Justification: The existing pavement on Morningside Drive within the project limits is deteriorated and rehabilitation is required.

Project Cost Information:

Capital Costs:

Funding Source(s)	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL
Gas Tax Fund	\$250,000					\$250,000
TOTAL	\$250,000					\$250,000

Location Map:



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Project Information**

Carryover Project Type: Streets - miscellaneous
Carryover Project number: 13823E

Carryover Project Title: **Downtown Streetscape Improvements: Tile Crosswalk Replacement**

Description: Replacement of existing tile crosswalks in the downtown area with more durable surface.

Justification: Tiles within existing crosswalks in the downtown area are cracking and breaking loose causing City crews to continuously monitor for missing tiles and fill voids when detected. This project would remove all tile crosswalks exposed to vehicle traffic and replace them with another more durable surface. The estimate is based on replacing with stamped concrete. The design would be considered by City Council and the public prior to bidding.

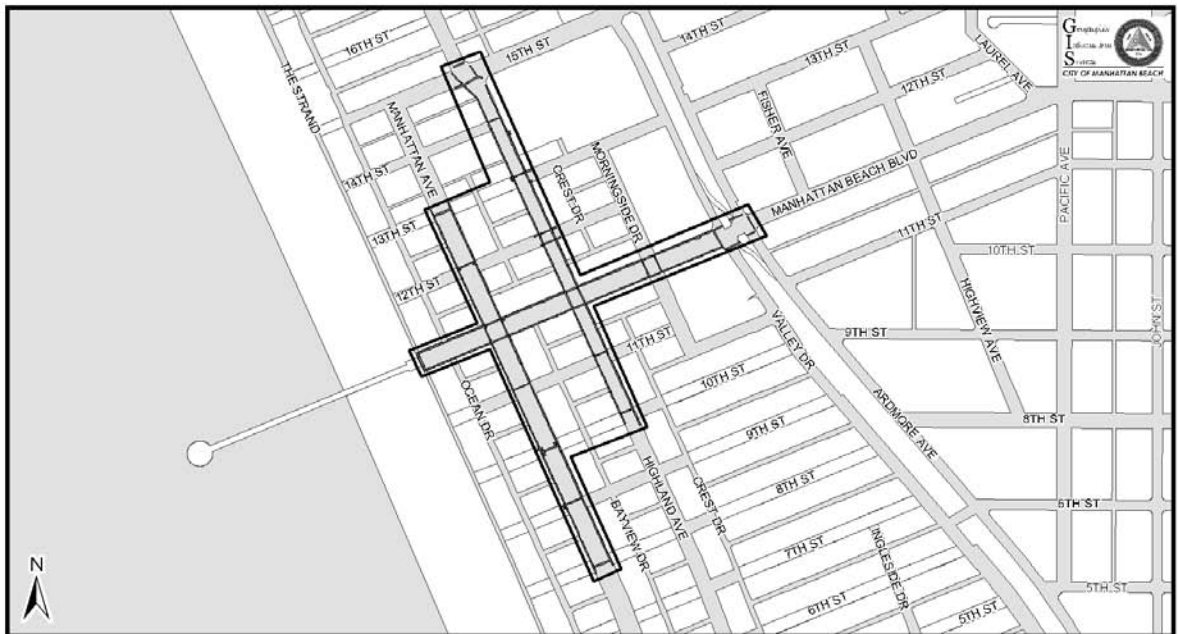
Original Funding Year: FY 2012-13

Funding Source: CIP Fund

Funding Remaining: \$825,000.00

Project Status: Design

Location Map:



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Carryover Project Type: Streets - miscellaneous
Carryover Project number: 13824E

Carryover Project Title: **Downtown Streetscape Improvements: Pavement Rehabilitation & Traffic Striping**

Description: Rehabilitation of deteriorated pavement and restoration of traffic striping.

Justification: Existing pavement in the downtown area is deteriorated and rehabilitation is required. The project will consist of localized pavement removal and replacement and slurry sealing of the entire downtown area.

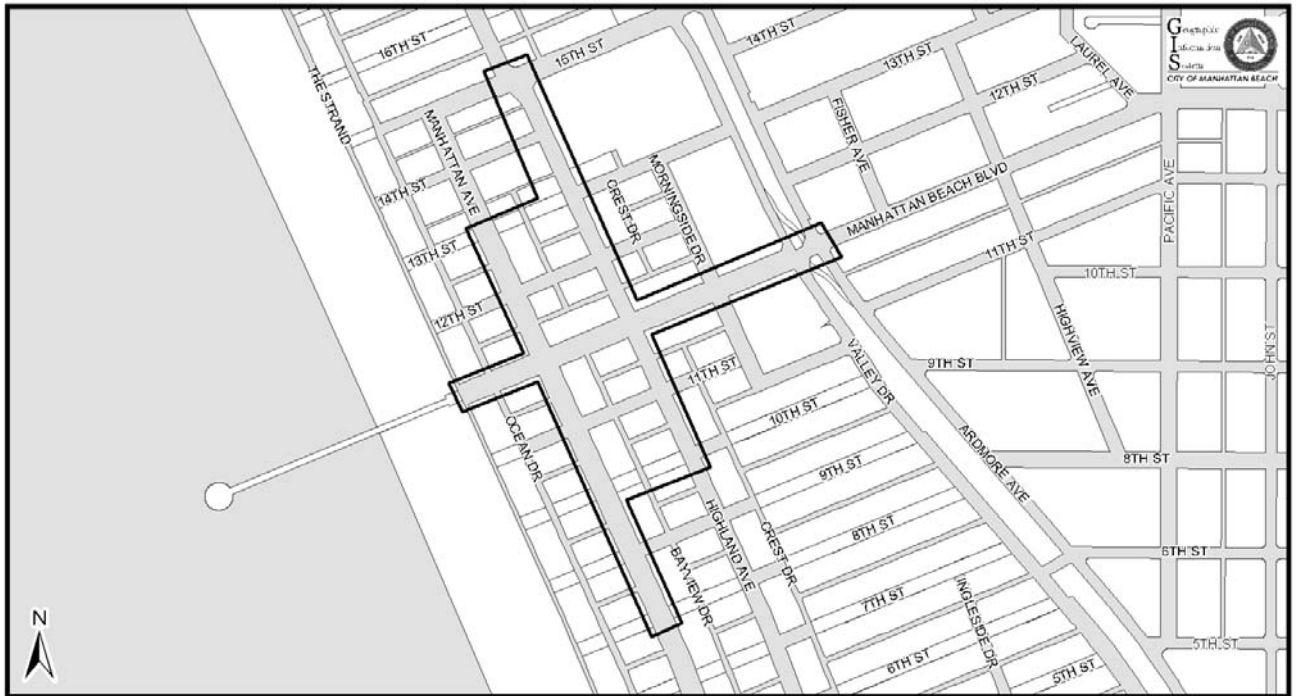
Original Funding Year: FY 2012-13

Funding Source: CIP Fund

Funding Remaining: \$315,000.00

Project Status: Design

Location Map:



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Carryover Project Type: Streets - miscellaneous
Carryover Project number: 13822E

Carryover Project Title: **Downtown Streetscape Improvements: Traffic Signal Pole Replacement (16 poles)**

Description: Replacement of existing traffic signal poles and mast arms in the downtown area.

Justification: Existing traffic signal poles in the downtown area are deteriorated and require replacement. This project will replace 16 poles.

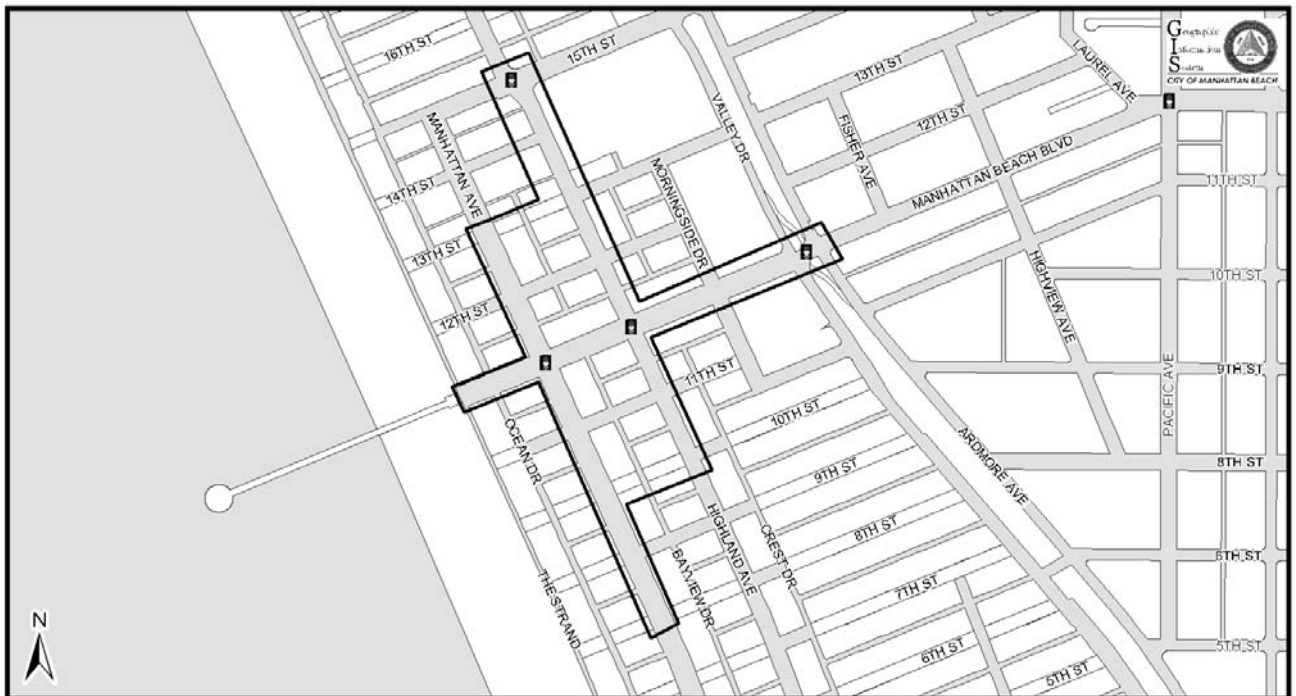
Original Funding Year: FY 2012-13

Funding Source: CIP Fund

Funding Remaining: \$1,100,000.00

Project Status: On-hold pending Downtown Specific Plan

Location Map:



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New Project Type: Facilities

Project Title: Management Services Division Office Remodel

Description: Reconfigure Management Services Division office area at City Hall to reallocate space in a more efficient manner, and add additional workspaces for City Attorney and Legal Secretary.

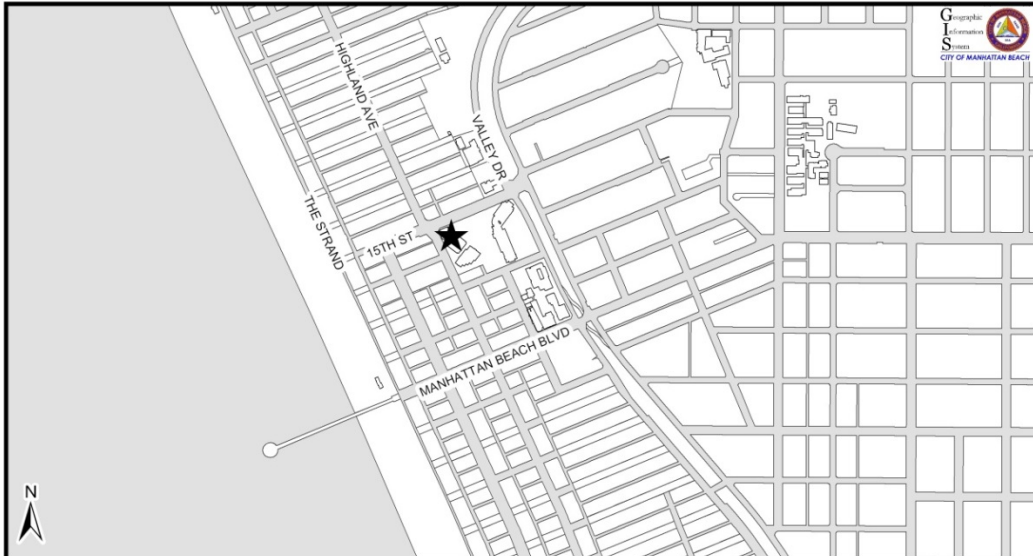
Justification: Current configuration wastes useable space. The City Manager requires regular and timely access to City Attorney on a daily basis. Reallocation of the space will allow the City Attorney and Legal Secretary to work in the direct vicinity of the City Manager.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
CIP Fund	\$270,000					\$270,000
TOTAL	\$270,000					\$270,000

Location Map:



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New Project Type: Facilities

Project Title: Citywide Sign Program

Description: Uniform sign design to be employed Citywide.

Justification: Current signs are a mix of “one-off” custom designs, departmental brandings, and standard regulatory style signs. In order to provide uniformity and location familiarity while in and around city of Manhattan Beach facilities, standardized layout, color, sizing, typeface/font, and logo/branding is desirous. Residents and visitors alike should be able to readily identify City owned and operated facilities.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
CIP Fund	\$40,000					\$40,000
TOTAL	\$40,000					\$40,000

Location Map:

No map. Citywide signs would be evaluated.



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New Project Type: Facilities

Project Title: Fire Station 2 Design Development and Interim Improvements

Description: Develop design for rebuild of Fire Station 2, located at 1400 Manhattan Beach Boulevard, and construct improvements for immediate needs.

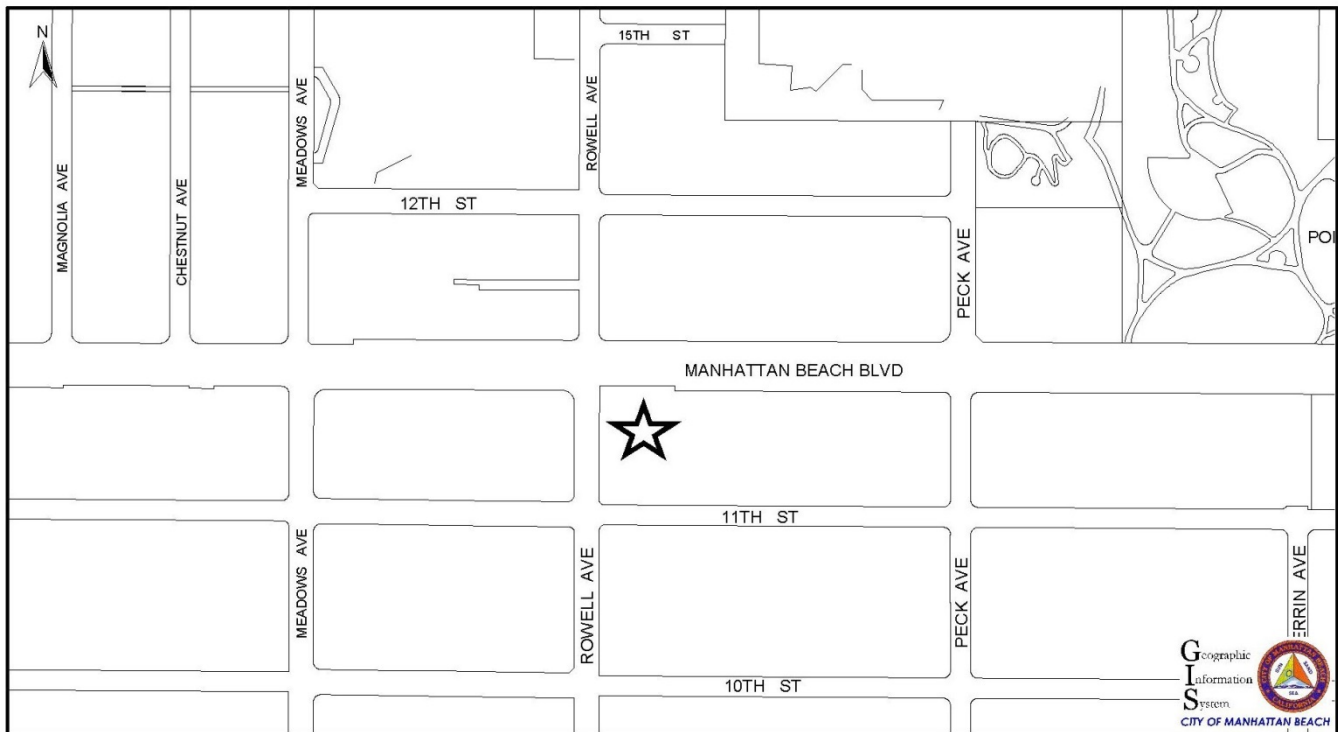
Justification: The current facility was built in 1954. It is not seismically retrofitted, nor does it meet all standards of an essential facility, including accommodations for female firefighters. This project would provide the City Council with options regarding possible locations of a new fire station and, if authorized, would proceed into a design development phase for a new station. In the interim, the proposed budget includes \$30,000 to fund critically important improvements to the existing station to improve operational efficiencies.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
CIP Fund	\$430,000					\$430,000
TOTAL	\$430,000					\$430,000

Location Map:



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New Project Type: Facilities

Project Title: Live Oak Tot Lot Reconstruction

Description: Replacement of outdated playground equipment & rubber matting with the same train theme. Project includes new Picnic shelter / landscaping / security lighting/ Sprinkler system & water fountain.

Justification: The current playground equipment is aged (early 1990s), rusted, and various components are missing. In addition, the rubber matting is compact and no longer holding, which is creating trip hazards. The current play equipment does not meet several ASTM codes and standards set by CPSC codes, including use zone codes, impact attenuation materials, and playground surfacing. The paint is chipping off the equipment, the pour-in-place material damaged, the geotextile cloth under surfacing is exposed, equipment is showing corrosion/rust, and several components of the play structure are missing. The Public Works department has attempted many repairs on the equipment; however, the repairs do not last long and the equipment should be replaced to ensure the safety of the users. The playground is heavily used throughout the day, with approximately 200 children on a daily basis. It was a very popular rental area for many years when it was in good shape, but reservations have decreased due to its current condition.

A local group, Leadership Manhattan Beach, recently completed a project upgrading some of the play equipment and surrounding aesthetics at the Tot Lot. These improvements provide the city with additional time to execute a thorough reconstruction in later years.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
CIP Fund			\$150,000	\$350,000		\$500,000
TOTAL			\$150,000	\$350,000		\$500,000

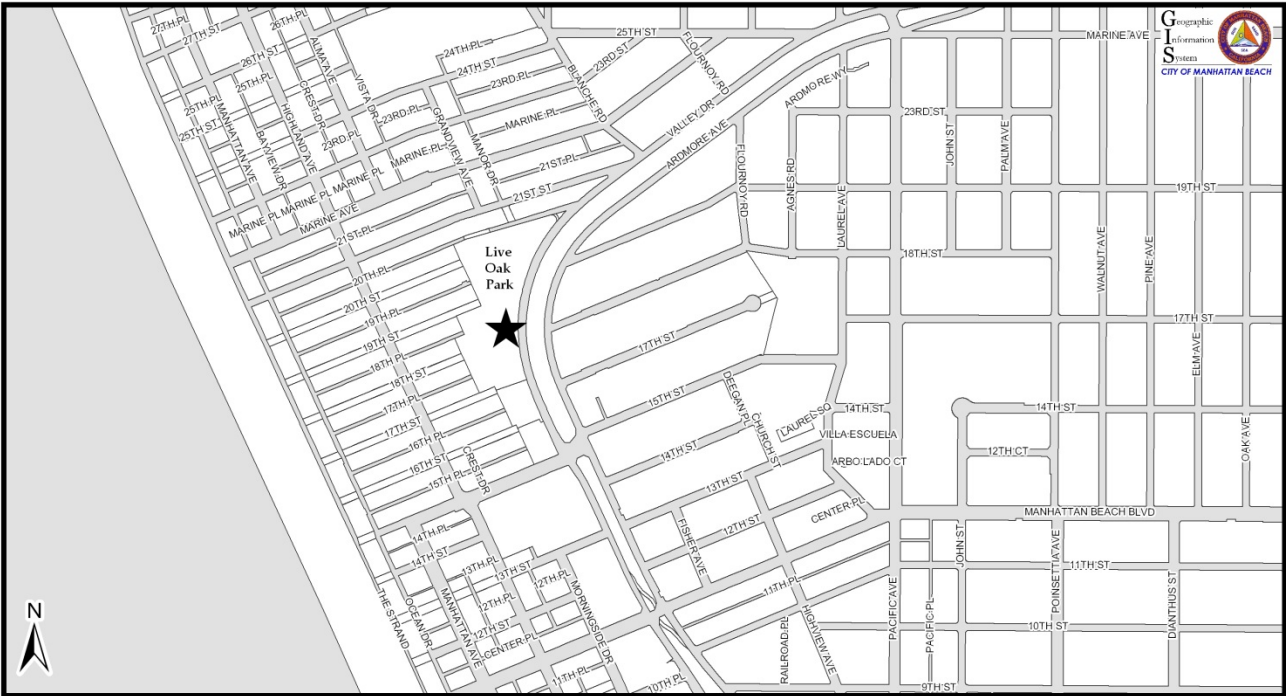
Location map on following page:

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New Project Type: Facilities

Project Title: Live Oak Tot Lot Reconstruction

Location map:



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New Project Type: Facilities

Project Title: Fire Station Security Card Installation

Description: Enhancement of current cypher locks to replace or include an electronic card reader security system at both Fire Stations.

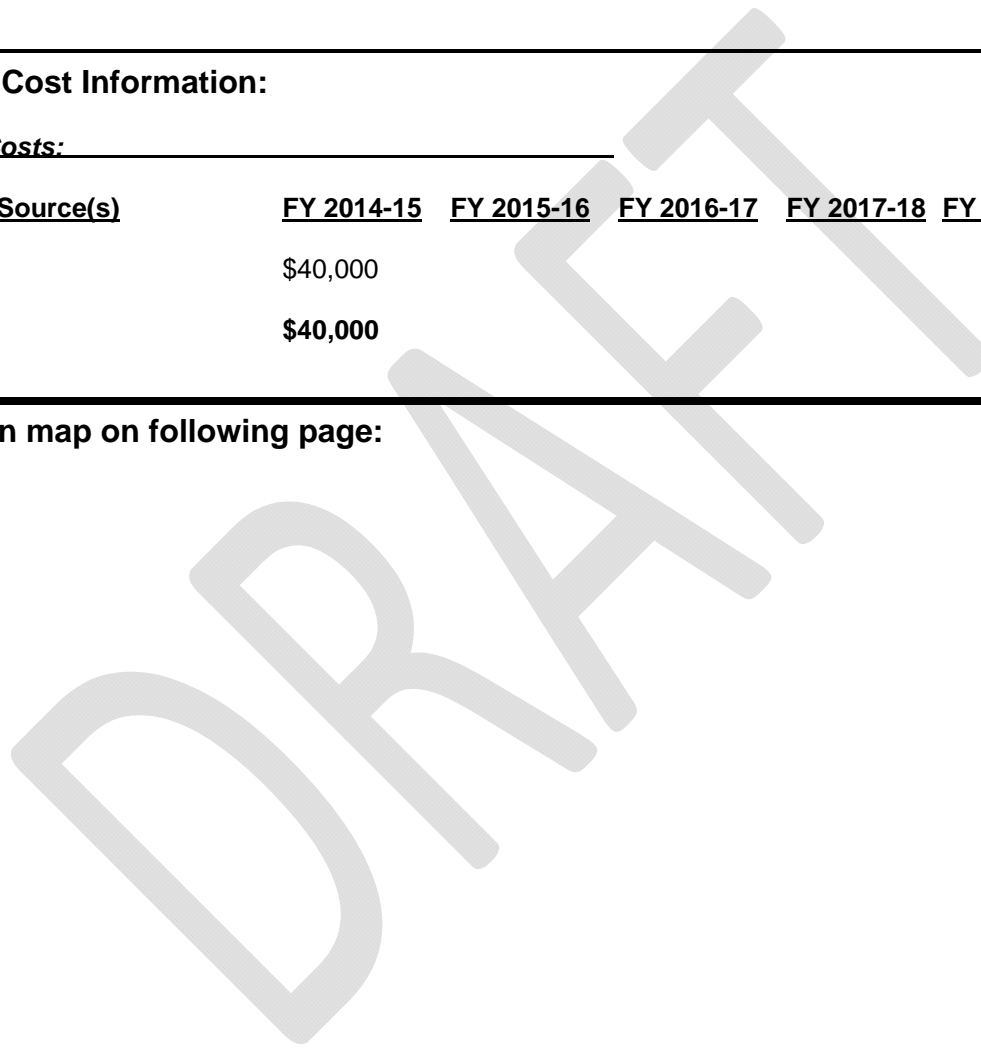
Justification: Improve security and limit unauthorized access into fire facilities.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
CIP Fund	\$40,000					\$40,000
TOTAL	\$40,000					\$40,000

Location map on following page:

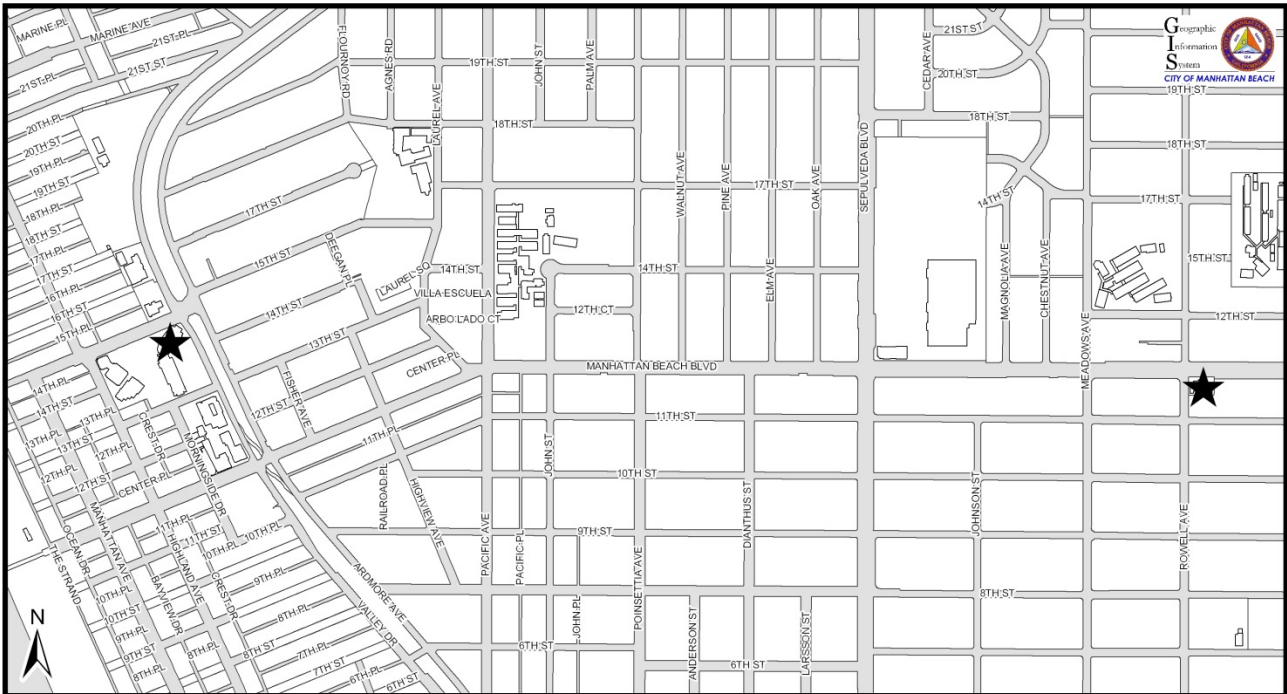


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New Project Type: Facilities

Project Title: Fire Station Security Card Installation

Location map:



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New Project Type: Facilities

Project Title: Veterans Parkway – Phase I Design

Description: Landscape design and drawings of three areas designated as high priority through the Veterans Parkway Master Plan Guidelines. Once the design process is completed, volunteers would be able to begin the installation phase through donations, grants, or budgeted funds. Design to include a phased installation option so that logical elements of plan could be divided to more easily managed portions as funding becomes available.

Identified in the Master Plan Guidelines as:
 “The Valley” (Pathway from Sepulveda Bridge to 27th Street),
 “15th St. Gateway” (15th St. and Valley/Ardmore)
 “Manhattan Beach Blvd. Gateway” (Manhattan Beach Blvd. and Valley/Ardmore)
 “Transition With Hermosa Beach” (Boundary Pl. and Valley/Ardmore)

Justification: Grassroots driven restoration project was placed on hold until a master plan was completed. The next logical step is to fund a design phase to allow for continued community engagement and eventual renewal of entire Veteran’s Parkway as described in Master Plan Guidelines.

Project Cost Information:

Capital Costs:

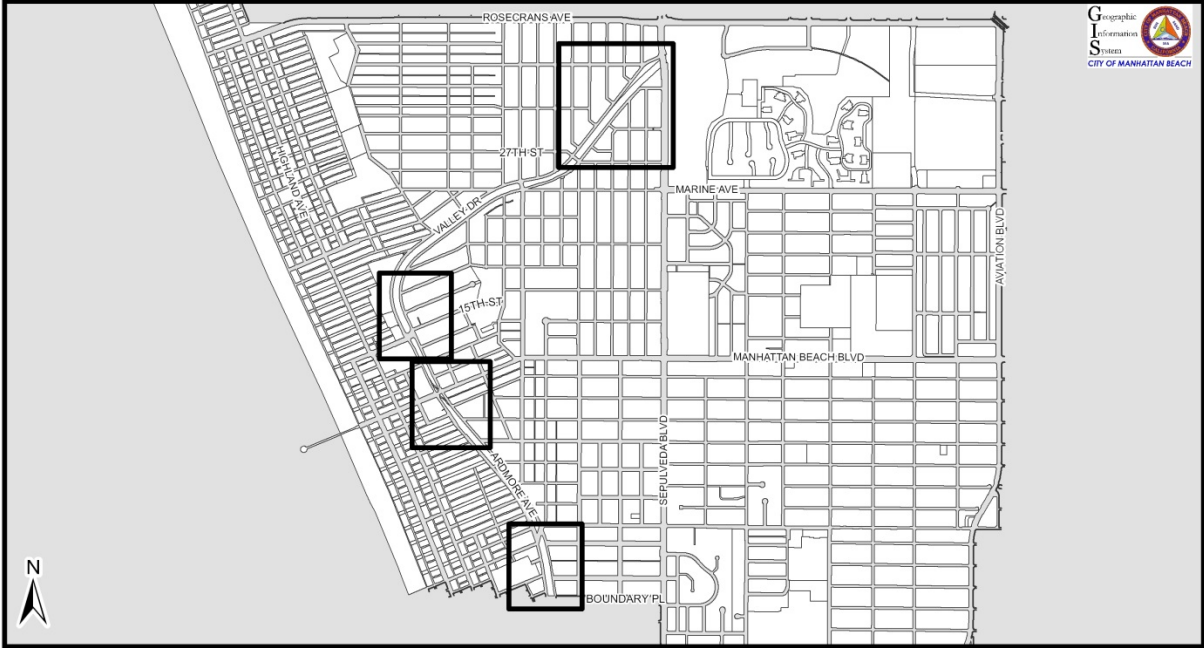
<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
CIP Fund	\$135,000					\$135,000
TOTAL	\$135,000					\$135,000

Location Map on following page:

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New Project Type: Facilities

Project Title: Veterans Parkway – Phase I Design



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New Project Type: Facilities

Project Title: Veterans Parkway – Phase II

Description: Grant funded improvements to the Veterans Parkway. Improvements include the purchase and placement of boulders and safety walls to create landscape features and seating areas, the purchase and installation of shade trees along the trail, design for safety and access to the trail, as well as landscape incorporation, and construction and hardscape improvements, planting, irrigation, and signage.

Identified in the Master Plan Guidelines as:
 “The Valley” (Pathway from Sepulveda Bridge to 27th Street),
 “15th St. Gateway” (15th St. and Valley/Ardmore)
 “Manhattan Beach Blvd. Gateway” (Manhattan Beach Blvd. and Valley/Ardmore)

Justification: Grassroots driven restoration project was placed on hold until a master plan was completed. Under Phase II, the city can execute the recommendations from the Veterans Parkway Master Plan Guidelines through reimbursable grant funding.

Project Cost Information:

Capital Costs:

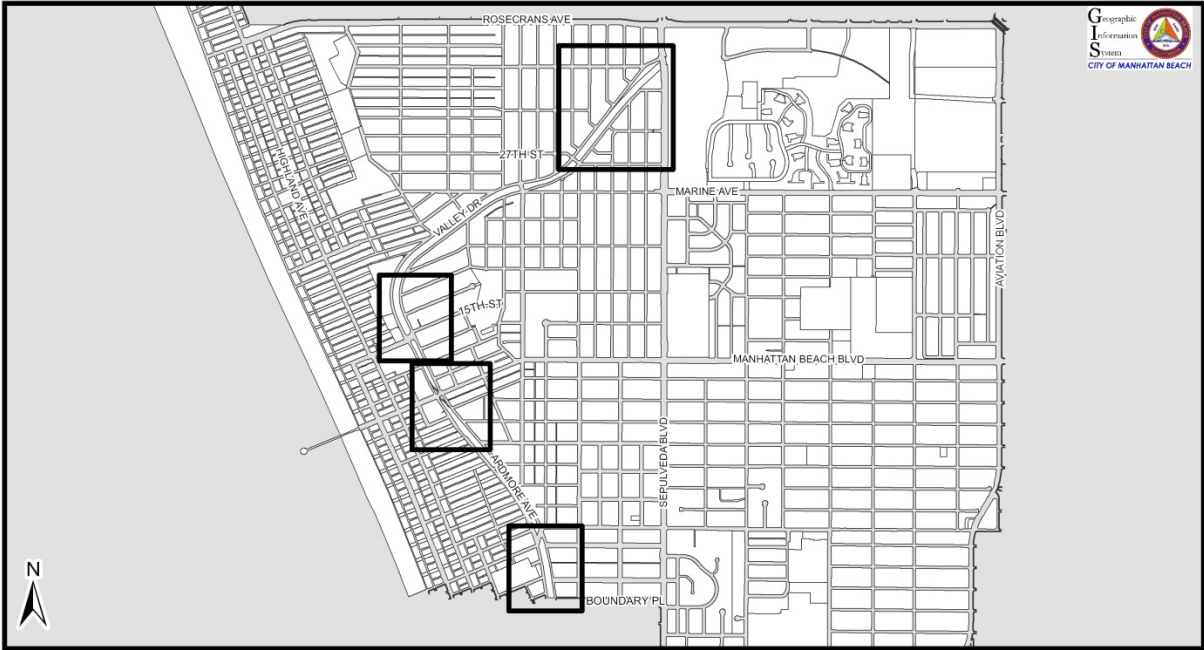
<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
CIP Fund		\$297,825				\$297,825
TOTAL		\$297,825				\$297,825

Location Map on following page:

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New Project Type: Facilities

Project Title: Veterans Parkway – Phase II Design



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New Project Type: Facilities

Project Title: Facility Improvements

Description: Repair and refurbish building structures city wide based on the results of the Facilities Condition Assessment and Council direction.

Justification: This project reflects funding and scheduling all deficiencies identified as part of the Facilities Assessment. The requested funding plan spans multiple years. For FY14-15, the proposed project includes Priority 1 improvements recommended in the Facilities Assessment. They include improvements to fire alarm systems, fire sprinklers, ADA, and ventilation at numerous facilities. FY14-15 also includes \$40,000 to fund improvements to the Public Works Yard locker room and restrooms.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
CIP Fund	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,500,000
TOTAL	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,500,000

Location Map:

No map. Location priority will be determined by City Council.

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Carryover Project Type: Facilities
Carryover Project number: 13843E

Carryover Project Title: **Marine Avenue Park Synthetic Grass Field**

Description: Installation of a synthetic grass athletic field on the west side of the park.

Justification: The existing athletic field on the west side of Marine Avenue park suffers from poor drainage and turf wear that limits available play time. Installation of a synthetic grass field (soccer field size) would permit virtually constant use, whereas the current grass field must recover for several months per year and can't be used for periods after rains. The American Youth Soccer Organization (AYSO) has offered to fund the project and the City would administer construction.

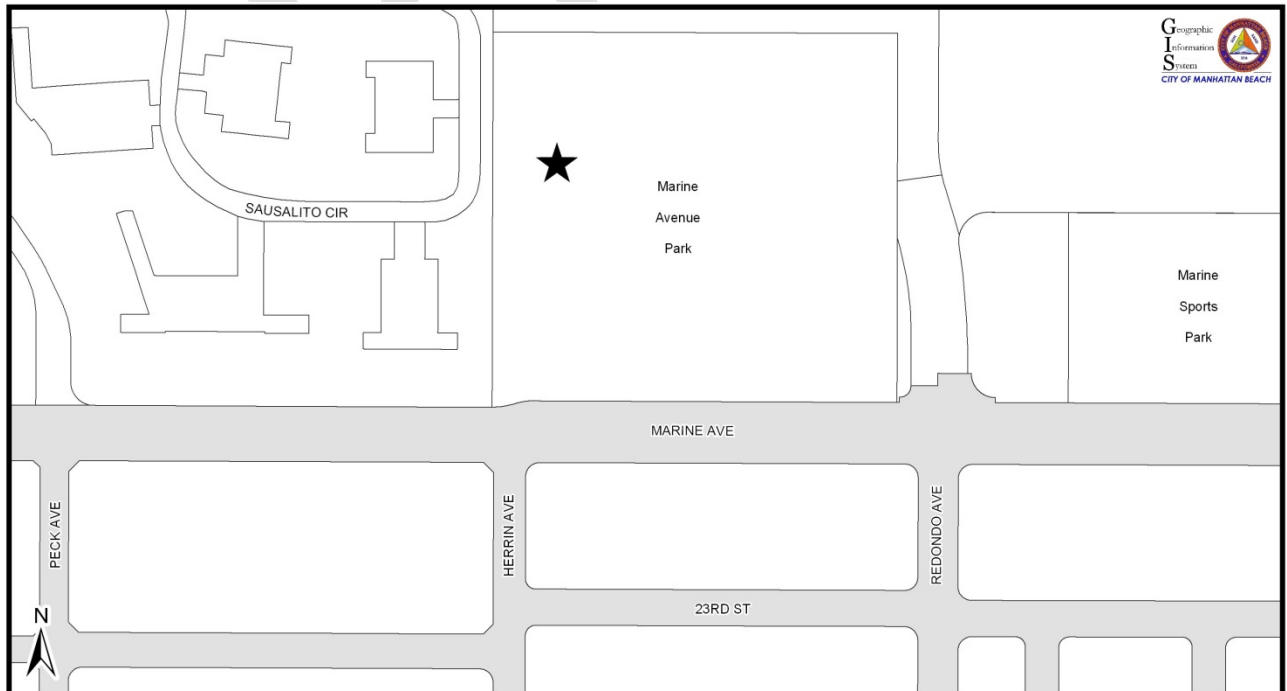
Original Funding Year: FY 2012-13

Funding Source: Public/Private Partnerships

Funding Remaining: \$129,251.00

Project Status: In construction

Location Map:



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Carryover Project Type: Facilities
Carryover Project number: 10830E (CIP)
10834E (Water)
10839E (Storm)
10841E (WasteW)
10844E (Refuse)

Carryover Project Title: City Yard Cover

Description: Construct a cover for the materials and disposal areas of the City Maintenance Facility; reconstruct material storage bin walls.

Justification: This project will help the City comply with the National Pollutant Discharge Elimination System (NPDES) stormwater permit requirements by providing a protective cover for the materials storage and waste disposal areas of the City Maintenance Facility. The NPDES permit requires public agencies to implement Best Management Practices (BMPs) to prevent discharges into stormwater. Without a cover there is a greater potential for stormwater runoff to carry loose materials and debris from the yard into the City's storm drain system. The expected outcome is cleaner storm drain runoff and a cleaner ocean. All residents of the City and beachgoers will benefit with cleaner, safer conditions on City beaches.

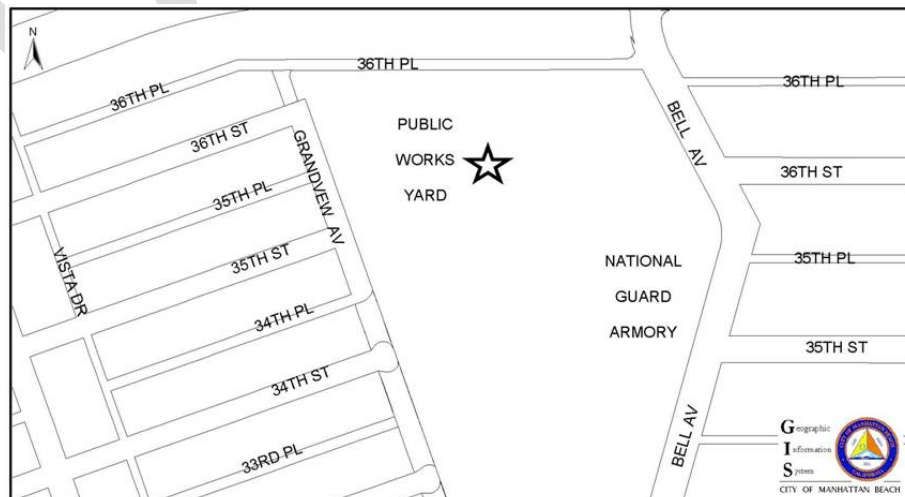
Original Funding Year: FY 2009-10

Funding Source(s): CIP Fund, Water Fund, Stormwater Fund, Wastewater Fund, Refuse Fund

Funding Remaining: \$783,788.00

Project Status: In design

Location Map:



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Carryover Project Type: Facilities
Carryover Project number: 13838E

Carryover Project Title: Pier Roundhouse

Description: Replacement of roofing, doors, windows and repainting/plastering interior and exterior surfaces.

Justification: The components identified for replacement are deteriorated and replacement is required.

Original Funding Year: FY 2012-13

Funding Source: State Pier Fund

Funding Remaining: \$270,000.00

Project Status: Pre-design

Location Map:



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Carryover Project Type: Facilities
Carryover Project number: 13839E

Carryover Project Title: Pier Comfort Station Rehabilitation
Description: Repair of structural deterioration on west side of building.

Justification: The marine environment has caused structural deterioration requiring repair.

Original Funding Year: FY 2012-13

Funding Source: State Pier Fund

Funding Remaining: \$150,000.00

New Funding Requested: \$80,000.00 in FY 2014-15

Project Status: Pre-design

Location Map:



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New Project Type: Facilities

Project Title: Pier Improvements

Description: Repair and refurbish various areas of the Manhattan Beach Pier as included in the Facilities Condition Assessment. Work include refurbishment and repair of Comfort Station, Roundhouse, deck, pilings, railings, and sewage, fire, electrical and water services.

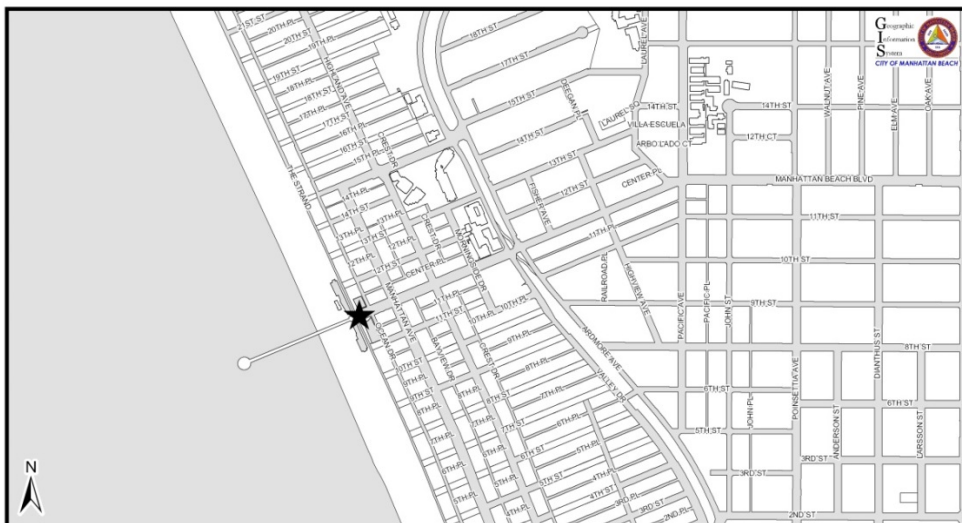
Justification: Due to the extreme marine environment, most critical systems have reached the end of their useful lives. Additionally, standard wear and tear is accelerated. The utility services (electrical, water, fire, sewer) require immediate replacement. The Comfort Station and Roundhouse structures require refurbishment in addition to the Pier structure itself. As the most identifiable landmark within the City, wear and tear are fully visible to the public and it is among the highest used sites in Manhattan Beach.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
State Pier Fund	\$1,000,000					\$1,000,000
TOTAL	\$1,000,000					\$1,000,000

Location Map:



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New Project Type: Facilities

Project Title: City-Owned Refuse Enclosure Improvements

Description: Perform improvements to 18 city-owned refuse enclosures by connecting all enclosures to the sanitary sewer, rebuilding enclosures to a size appropriate for trash, recycling, and green waste cans or bins, painting and installing new hardware.

Justification: The city applied for illegal dumping grant funds to make these changes (our reasoning: enclosures that are not connected to the sanitary sewer pose a threat of debris and leachate (liquid trash) illegally dumping into the storm drain system), but the state did not believe that Manhattan Beach had a severe problem to warrant the grant funding.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Refuse Fund	\$150,000	\$555,000				\$705,000
TOTAL	\$150,000	\$555,000				\$705,000

Location Map:



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Carryover Project Type: Parking
Carryover Project number: 07829E

Carryover Project Title: North End Business District Streetscape

Description: Construct and install improvements to beautify the North End with signage, banners, sidewalk treatments and crosswalk treatments.

Justification: The North End Business Improvement District was created to provide enhancements to the business environment in this area of Manhattan Beach.

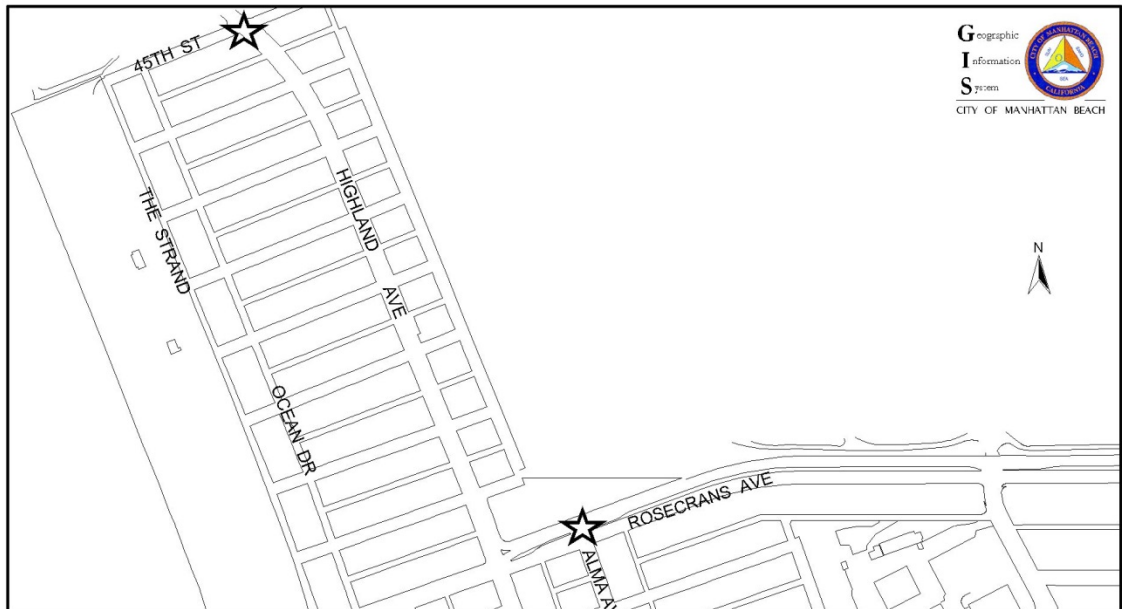
Original Funding Year: FY 2006-07

Funding Source: Parking Fund

Funding Remaining: \$136,334.00

Project Status: Pending North End Business District Project Decision

Location Map:



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New Project Type: Parking

Project Title: Parking Structure Structural Rehabilitation/Reinvestment

Description: Rehabilitation of the parking structures based on the results of the parking structural assessment.

Justification: The rehabilitation efforts will address life and safety issues and extend the life of the structures.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Parking Fund	\$417,000	\$550,000	\$464,500			\$1,431,500
TOTAL	\$417,000	\$550,000	\$464,500			\$1,431,500

Location Map:

No map.

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New Project Type: Parking

Project Title: Lot 1 Retaining Wall

Description: Older public parking lot has a failing block retaining wall along Bayview Dr. and requires new compliant guardrails replaced. Also includes minor concrete repair and fresh signage. This lot and has a relatively new pervious concrete surface.

Justification: Retaining wall is in failure and requires immediate replacement. Failure of wall would render parts of lot unusable and there is a potential for injury or property damage. Lot is heavily utilized. Parking Fund is logical choice for repair. Fiscal impact if deferred would be loss of parking meter revenues and higher costs associated with reactive repairs.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2014-15</u>	<u>FY 2015-16</u>	<u>FY 2016-17</u>	<u>FY 2017-18</u>	<u>FY 2018-19</u>	<u>TOTAL</u>
Parking Fund	\$100,000					\$100,000
TOTAL	\$100,000					\$100,000

Location Map:



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