

CITY OF MANHATTAN BEACH

MEMORANDUM

TO: Planning Commission

THROUGH: Richard Thompson, Director of Community Development

FROM: Jim Arndt, Director of Public Works
Dana Greenwood, City Engineer

DATE: April 23, 2008

SUBJECT: Determination of Consistency of the Proposed Fiscal Year 2008-09 Capital Improvement Plan with the City of Manhattan Beach General Plan

RECOMMENDATION:

Staff recommends that the Planning Commission review the report and adopt a resolution (Attachment A) determining that the proposed FY 2008-09 Capital Improvement Plan (CIP) is consistent with the City of Manhattan Beach General Plan.

BACKGROUND:

State of California Government Code Section 65103 (c) requires each Planning Agency to conduct an annual review of the City's CIP for consistency with the General Plan. Additionally, Government Code Section 65401 requires that a coordinated program of proposed public works projects be reviewed by the City Planning Agency for conformity with the City's General Plan.

DISCUSSION:

Public Works staff is pleased to submit the FY 2008-09 CIP General Plan Consistency Report (Attachment B) for the Planning Commission's consideration. The report includes a list of all recommended projects, their funding source(s), estimated cost and a statement of consistency with the specific goals and policies of the General Plan. Detailed project description sheets with maps of project locations are also included (Attachment C).

Public Works staff believes that the projects identified in the FY 2008-09 CIP are consistent with the goals and policies of the City of Manhattan Beach General Plan. Community Development Department staff concurs with the General Plan consistency statements provided and recommends that the Commission make the necessary consistency determination.

Attachment: A. Draft CIP General Plan Consistency Resolution
B. FY 2008-09 CIP General Plan Consistency Review Report
C. FY 2008-09 CIP Project Summaries

RESOLUTION NO. PC

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF MANHATTAN BEACH, CALIFORNIA, DETERMINING THAT THE PROPOSED FISCAL YEAR 2008-09 CAPITAL IMPROVEMENT PLAN IS CONSISTENT WITH THE CITY OF MANHATTAN BEACH GENERAL PLAN

WHEREAS, pursuant to Sections 65103 (c) and 65401 of the State of California Government Code, the Planning Commission has reviewed the Fiscal Year 2008-09 Capital Improvement Plan (CIP) as to its consistency with the City of Manhattan Beach General Plan; and,

WHEREAS, the project is Categorical Exempt (Section 15306-Class 6) from the provisions of the California Environmental Quality Act (CEQA); and,

WHEREAS, a public meeting was held on April 23, 2008; and,

WHEREAS, the Planning Commission reviewed the analysis and recommendations of Public Works and Community Development staff, contained in their Staff Report dated April 23, 2008.

NOW, THEREFORE, BE IT RESOLVED that the Planning Commission of the City of Manhattan Beach has determined that the City's Capital Improvement Plan for Fiscal Year 2008-09 is consistent with the City of Manhattan Beach General Plan.

Pursuant to Code of Civil Procedure Section 1094.6, any action or proceeding to attack, review, set aside, void or annul this decision, or concerning any of the proceedings, acts or determinations taken, done or made prior to such decision or to determine the reasonableness, legality or validity of any condition attached to this decision shall not be maintained by any person unless the action or proceeding is commenced within 90 days of the date of this resolution and the City Council is served within 120 days of the date of this resolution. The City Clerk shall send a certified copy of this resolution to the applicant, and if any, the appellant at the address of said person set for in the record of the proceedings and such mailing shall constitute the notice required by Code of Civil Procedure Section 1094.6.

I hereby certify that the foregoing is a full, true and correct copy of the Resolution as adopted by the Planning Commission at its regular meeting of April 23, 2008; and, that said Resolution was adopted by the following vote:

Ayes:

Noes:

Absent:

Abstain:

RICHARD THOMPSON, Secretary to the Planning Commission

Sarah Boesch, Recording Secretary

**City of Manhattan Beach, Capital Improvement Plan 2008-2013
GENERAL PLAN CONSISTENCY REVIEW REPORT**

PROJECT TITLE	FY 2008-09	Funding Source(s)	Project Description	General Plan Element and/or Goal
Facilities				
Corrosion Treatment Lots 2 and 4	175,000	Parking Fund	Chemical treatment to arrest corrosion and preserve structural integrity. Treatment consists of surface bead blasting, patching of spalled areas, corrosion treatment, and restriping to original configuration.	Infrastructure Goal I-3: Ensure that adequate parking and loading facilities are available to support both residential and commercial needs.
Energy Retrofit Audit	200,000	Capital Improvement Fund	Comprehensive study of current energy use citywide. Results will include retrofit/remodel recommendations, funding recommendations, payback periods, etc. City will solicit assistance from outside consultant(s).	Goal CR-5: Conserve and protect the remaining natural resources in Manhattan Beach. Policy CR-5.1: Employ principles of a sustainable environment in the development, operation, and maintenance of the community, emphasizing the importance of respecting and conserving the natural resources. Policy CR-5.7: Encourage the use of energy-saving designs and devices in all new construction and reconstruction. Policy CR-5.8: Encourage utilization of "green" approaches to building design and construction, including use of environmentally friendly interior improvements. Policy CR-5.9: Encourage the use of public/private partnerships to upgrade existing buildings for energy efficiency, water conservation, and storm water run-off pollution reduction.
Strand Stairs*	320,000	Capital Improvement Fund	Repair or replace damaged Strand walkway.	Infrastructure Goal I-6: Create well-marked pedestrian networks that facilitate this mode of circulation.
Structure 3 Paint Structural Steel	150,000	Parking Fund	Paint exposed steel with high-performance coating.	Infrastructure Goal I-3: Ensure that adequate parking and loading facilities are available to support both residential and commercial needs.
Facilities TOTAL <u>845,000</u>				
Stormwater				
Infiltration Site Study	50,000	Stormwater Fund	Evaluate City properties to determine the feasibility of constructing storm water infiltration facilities.	Goal I-9: Maintain a storm drainage system that adequately protects the health and safety and property of Manhattan Beach residents. Policy I-9.3: Support the use of storm water runoff control measures that are effective and economically feasible. Policy CR-5.6: Encourage drainage designs which retain or detain stormwater run-off to minimize volume and pollutant concentrations.
Storm Water Issues Study	75,000	Stormwater Fund	Comprehensive report to evaluate future needs and financial requirements for storm water issues including: Storm Drain replacements and repairs; Storm water minimization post-construction requirements; NPDES permit requirements and Total Maximum Discharge Limitations (TMDL) requirements.	Policy I-9.1: Evaluate the size and condition of the storm drainage system periodically to ensure its ability to handle expected storm runoff. Policy I-9.5: Support appropriate storm water pollution mitigation measures. Policy CR-5.9: Encourage the use of public/private partnerships to upgrade existing buildings for energy efficiency, water conservation, and storm water run-off pollution reduction.
Structural BMP Siting and Programmatic Solutions	150,000	Stormwater Fund	Develop solutions to meet Bacteria TMDL compliance targets.	Goal I-9: Maintain a storm drainage system that adequately protects the health and safety and property of Manhattan Beach residents. Policy I-9.5: Support appropriate storm water pollution mitigation measures.
Stormwater TOTAL <u>275,000</u>				

*Project has multiple funding sources

**City of Manhattan Beach, Capital Improvement Plan 2008-2013
GENERAL PLAN CONSISTENCY REVIEW REPORT**

PROJECT TITLE	FY 2008-09	Funding Source(s)	Project Description	General Plan Element and/or Goal
Streets				
Annual Slurry Seal Program	420,000	Gas Tax Fund	Annual program to slurry City's streets in an effort to extend their useful life before resurfacing.	Infrastructure Policy I-1.1: Review the functioning of the street system on a regular basis to identify problems and develop solutions.
Dual Left-Turn Lane Projects: Eastbound Manhattan Beach Blvd at Sepulveda and Northbound Sepulveda at Manhattan Beach Blvd	440,000	Gas Tax Fund	Left turn lane enhancements to improve traffic flow on Manhattan Beach Boulevard and Sepulveda Boulevard.	Infrastructure Goal I-2: Move commuter traffic through the City primarily on arterial streets, and on collector streets as appropriate, to protect other streets from the intrusion of commuter traffic.
PCC Repairs Area 4	500,000	Gas Tax Fund	Repair curb, gutter, cross-gutters in area bounded by Marine Ave, Aviation Blvd, Manhattan Beach Blvd and Sepulveda Blvd.	Infrastructure Goal I-2: Move commuter traffic through the City primarily on arterial streets, and on collector streets as appropriate, to protect other streets from the intrusion of commuter traffic.
Peck Avenue Improvement Project*	220,000	Gas Tax Fund	Resurface Peck Ave from Manhattan Beach Blvd to Artesia Blvd.	Infrastructure Goal I-2: Move commuter traffic through the City primarily on arterial streets, and on collector streets as appropriate, to protect other streets from the intrusion of commuter traffic.
Streets TOTAL				1,580,000
Wastewater				
Annual Sewer Line Replacement Project	350,000	Wastewater Fund	Sewer line reconstruction at various locations.	Infrastructure Policy I-8.1: Evaluate the sewage disposal system periodically to ensure its adequacy to meet changes in types of waste.
Utility Master Plan (Sewer Video)	500,000	Wastewater Fund	Conduct video inspection of sewer mains.	Infrastructure Policy I-8.1: Evaluate the sewage disposal system periodically to ensure its adequacy to meet changes in types of waste.
Utility Master Plan (Wastewater)	500,000	Wastewater Fund	Conduct master plan for wastewater system.	Infrastructure Policy I-8.1: Evaluate the sewage disposal system periodically to ensure its adequacy to meet changes in types of waste.
Utility Rate Analysis	50,000	Wastewater Fund	Building on the results of the Utility Master Plans, evaluate the need for utility rate adjustments.	Infrastructure Policy I-8.1: Evaluate the sewage disposal system periodically to ensure its adequacy to meet changes in types of waste.
Wastewater TOTAL				1,400,000
Water				
Annual Water Line Replacement Program	500,000	Water Fund	Replace undersized or deteriorated water mains to improve circulation.	Infrastructure Policy I-7.1: Periodically evaluate the entire water supply and distribution system to ensure its continued adequacy, reliability, and safety.
Utility Master Plan (Water)	500,000	Water Fund	Conduct master plan for water system.	Infrastructure Policy I-7.1: Periodically evaluate the entire water supply and distribution system to ensure its continued adequacy, reliability, and safety.
Utility Rate Analysis	50,000	Water Fund	Building on the results of the Utility Master Plans, evaluate the need for utility rate adjustments.	Infrastructure Policy I-7.1: Periodically evaluate the entire water supply and distribution system to ensure its continued adequacy, reliability, and safety.
Water TOTAL				1,050,000
GRAND TOTAL				5,150,000

*Project has multiple funding sources

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Facilities

Project Title: **Alternative Fuel Station Expansion**

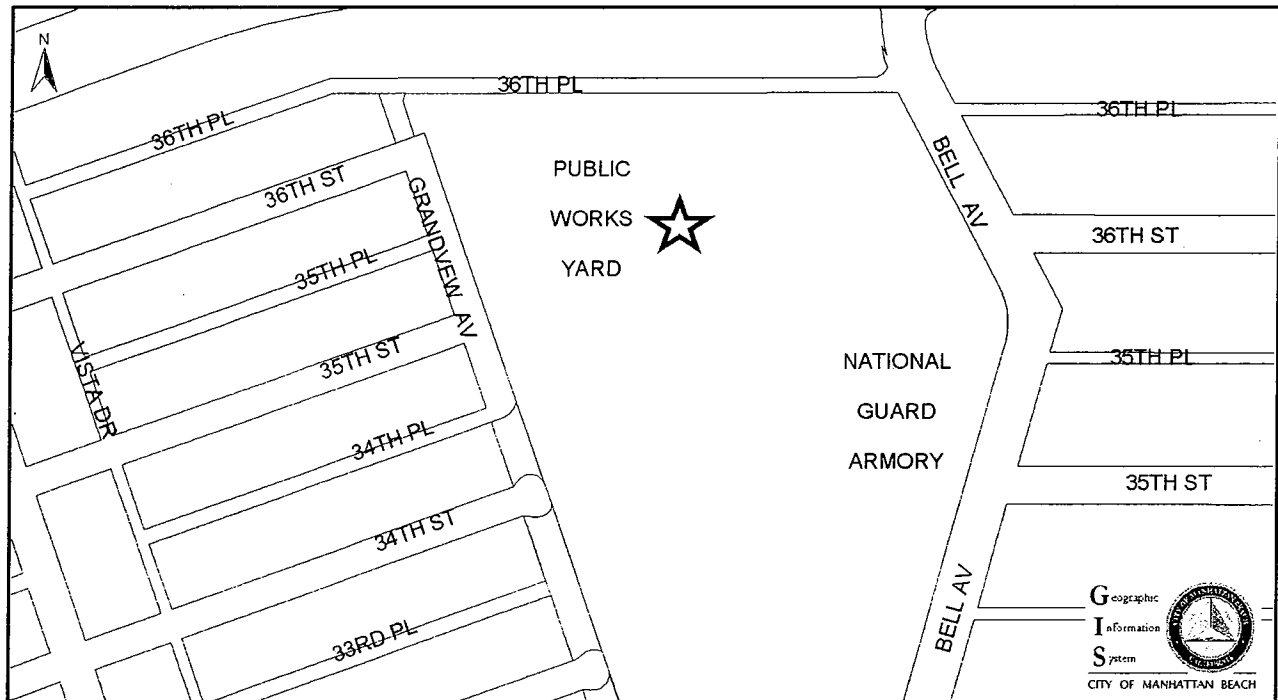
Description: Increase capacity of fueling for CNG Vehicles at the Public Works Facility
Justification: Project will address increased demand for CNG fueling facilities and reduce waiting in line for this fuel.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
AB 2766 Grant Funds		\$100,000				\$100,000
TOTAL		\$100,000				\$100,000

Location Map:



**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Facilities

Project Title: City Yard Fuel Island Cover

Description: Construct a canopy cover for the fuel pump station servicing island area of the City Yard. The driving design constraints for the fuel service island include: highly congested utilities, large vehicle access/clearance and adjacent building structures. These types of constraints compel an extremely limited structural design involving a tall, vertical cantilevered support structure requiring deep foundations in very limited space. Because of the limited design approach, sub-consultants will need to be utilized in the fields of survey, soils and exploratory investigations.

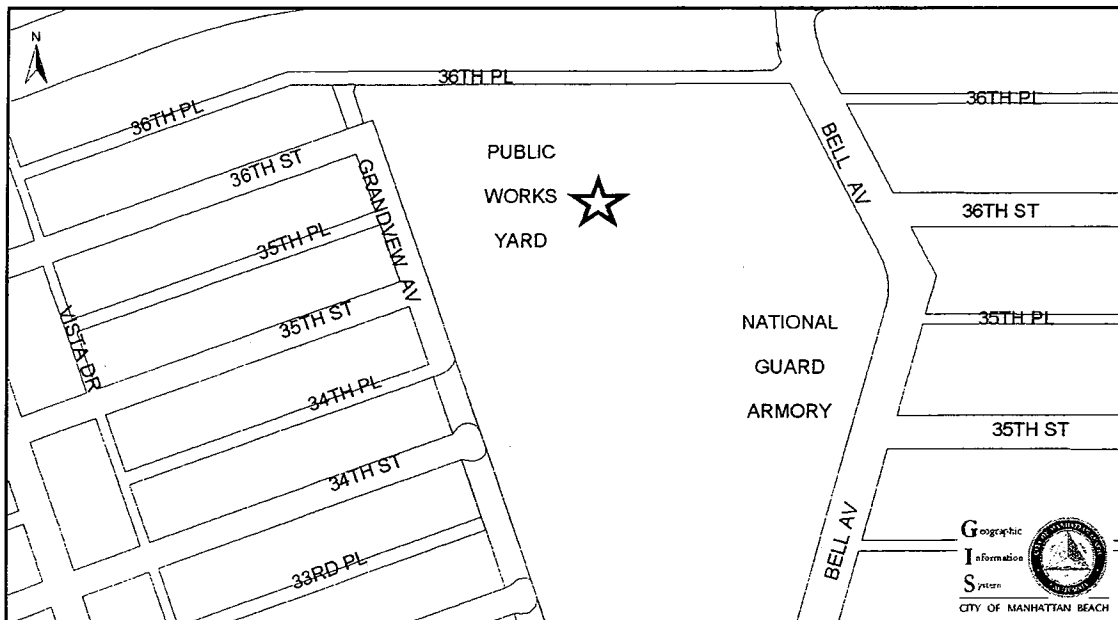
Justification: This project will help the City comply with the National Pollutant Discharge Elimination System (NPDES) stormwater permit requirements by providing a protective canopy cover for the fuel station servicing area of the City Yard. The NPDES permit requires public agencies to implement best management practices (BMPs) to prevent discharges into storm water. Without a cover, there is a greater potential for stormwater runoff to carry pollutants associated with a fuel station into our 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 our beaches.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Stormwater Fund/ Wastewater Fund/Water Fund/CIP Fund		\$175,000				\$175,000
TOTAL		\$175,000				\$175,000

Location Map:



**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Facilities

Project Title: Corrosion Treatment Lots 2 and 4

Description: Chemical treatment to arrest corrosion and preserve structural integrity. Treatment consists of surface bead blasting, patching of spalled areas, corrosion treatment, and restriping to original configuration.

Justification: The Structures located at Rosecrans and Highland (Lot 4) and at 12th and Bayview (Lot 2) are in need of corrosion treatment. After the successful treatment of Lot 3, staff recommends continuing this program to rehabilitate these two concrete structures. The structure at Rosecrans and Highland (Lot 4) is worse than Lot 2, exhibiting the spalling and exposed reinforcement steel indicative of advancing corrosion.

Project Cost Information:

Capital Costs

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Parking Fund	\$175,000					\$175,000
TOTAL	\$175,000					\$175,000

Location Maps:

Need Map.

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Facilities

Project Title: **Energy Retrofit Audit**

Description: Comprehensive study of current energy use citywide. Results will include retrofit/remodel recommendations, funding recommendations, payback periods, etc. The City will solicit assistance from an outside consultant(s).

Justification: Staff was mandated to research possible energy savings throughout the City per the Green Team initiative.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Capital Improvement Fund	\$200,000					\$200,000
TOTAL	\$200,000					\$200,000

Location Map:

Location(s) to be determined.

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Facilities

Project Title: Strand Stairs

Description: Improvements to multiple stairwells along the Strand. The City's grant application (\$1.6 million) was approved in the latest Federal Transportation Act and the earliest grant funds will be available is October 2009. This project will repair damaged stairs and bring them into Americans with Disabilities (ADA) compliance. The project will be designed to be completed in phases as funding become available. During summer 2007, the City contracted with a professional firm to evaluate our current beach access, identify and prioritize minimum work needed to meet ADA compliance. The firm provided a transition plan for attaining compliance and document the results of this evaluation. The cost for the compliance surveys and reports was approximately \$25,944. Funds for this study were approved in fiscal year 2006-07 from the Capital Improvement Fund. Funds to be allocated for design in fiscal year 2008-09 (CIP) and fiscal year 2009-10 for construction (grant).

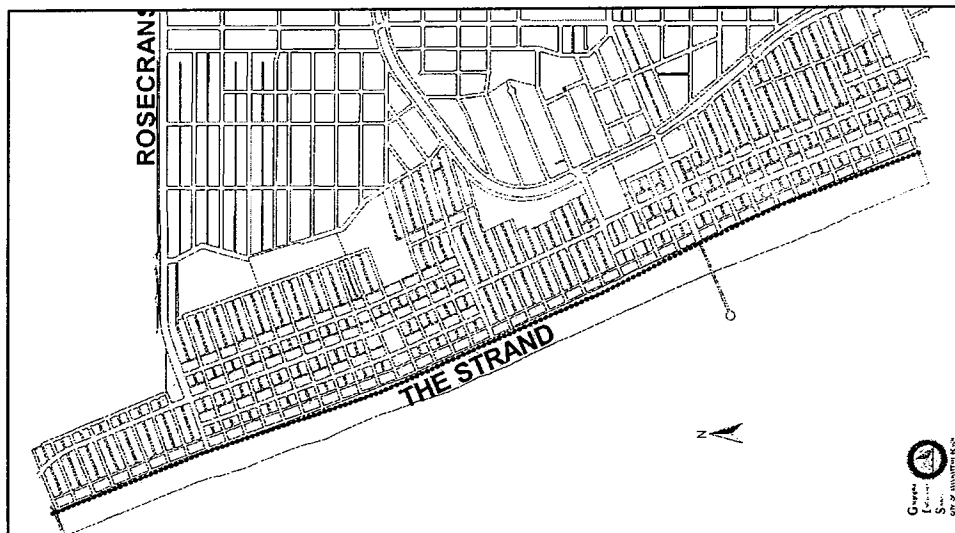
Justification: This project will improve beach access for the public. Many of the access facilities do not comply fully with ADA requirements or meet current code standards.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Federal and State Grant Funds/CIP Fund	\$320,000	\$1,600,000				\$1,920,000
TOTAL	\$320,000	\$1,600,000				\$1,920,000

Location Map:



**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Facilities

Project Title: Structure 3

Description: Paint exposed steel with high performance coating.

Justification: The painting of the exposed steel beams is basic maintenance to preserve the structural integrity and aesthetics of the steel structure. By removing corrosion and painting the exposed framework, the City can expect an increased lifespan and a more attractive parking structure due to its coastal proximity.

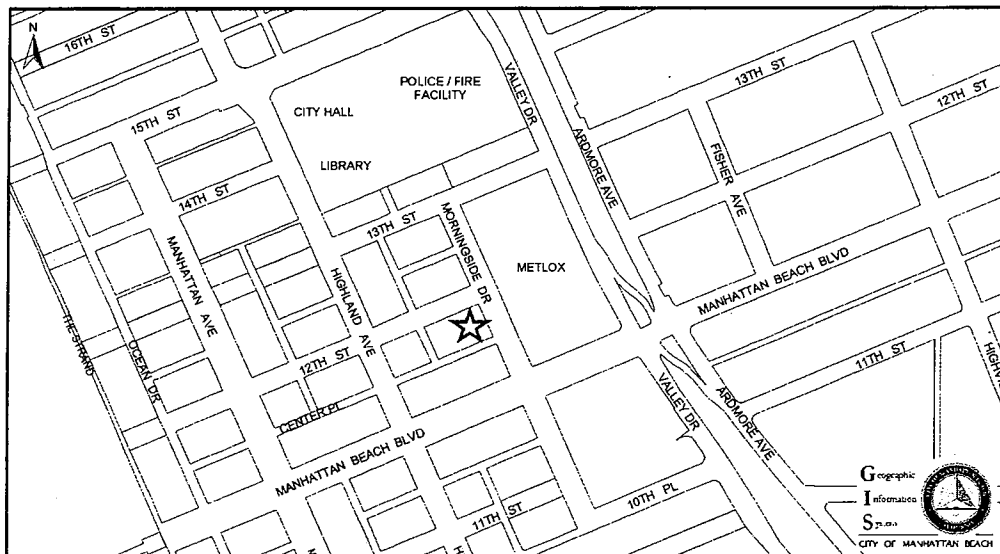
This CIP can be considered phase 3 of the Structure 3 Rehabilitation Project. Phase 1 was the application of a passive chemical corrosion inhibitor to treat the reinforced steel concrete slabs and prevent further decay of the embedded rebar. Phase 1 was completed during FY 2006-07. Phase 2 included the railing repairs and/or replacement as needed to bring the parking structure up to original specifications. Funding in the amount of \$85,000 was approved in fiscal 2007-08 for Phase 2 of the project. Phase 3 completes this project and future maintenance can be scheduled on a preventative maintenance basis. Most future maintenance will consist of maintenance painting with intermittent railing repairs due to vehicle collision.

Project Cost Information:

Capital Costs

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Parking Fund	\$150,000					\$150,000
TOTAL	\$150,000					\$150,000

Location Maps:



**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Pier

Project Title: Pier Railing Replacement

Description: Replace pier railing with anodized aluminum railing.

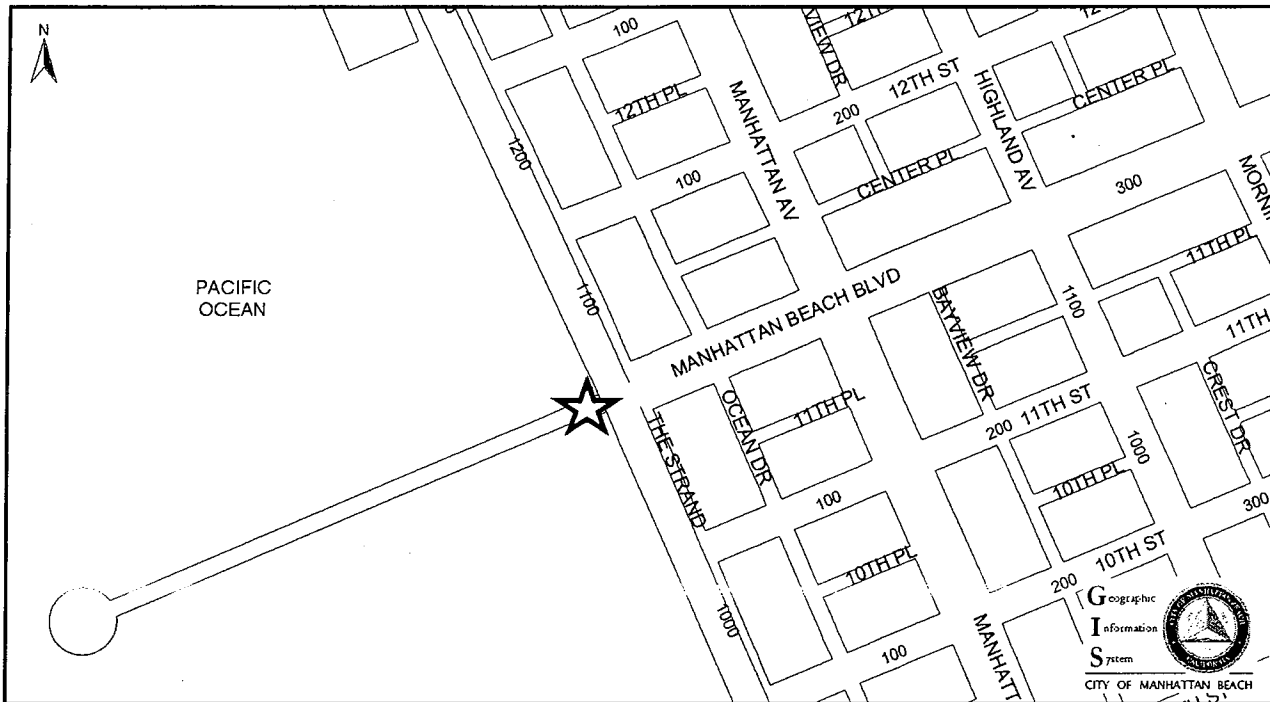
Justification: Existing railing is galvanized steel with epoxy paint. This railing is corroding in many locations and requires constant maintenance. Proposed railing will require minimal maintenance and will improve aesthetics.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
State Pier and Parking Lot Fund					\$720,000	\$720,000
TOTAL					\$720,000	\$720,000

Location Map:



**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Stormwater

Project Title: Infiltration Site Study

Description: Evaluate City properties to determine the feasibility of constructing storm water infiltration facilities.

Justification: This study would be the first step towards installing storm water infiltration facilities. These facilities would reduce the amount of dry weather low flows reaching the ocean. Also in a storm event, the " first flush" flows would be allowed to percolate into the ground instead of flowing into the ocean.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Stormwater Fund	\$50,000					\$50,000
TOTAL	\$50,000					\$50,000

Location Map:

Location(s) to be determined.

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Stormwater

Project Title: Storm Water Issues Study

Description: Comprehensive report to evaluate future needs and financial requirements for storm water issues including: Storm Drain Replacements and repairs; Storm water minimization post-construction requirements; NPDES permit requirements and Total Maximum Discharge Limitations (TMDL) requirements.

Justification: This report is needed to identify the projects, costs and timing needed to keep the City's storm drain system in good repair and to meet the regulatory requirements of the Clean Water Act and other local storm water regulations. The report will also include costs and benefits of a proposed run-off minimization ordinance to reduce run-off from developed properties.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Storm Water Fund	\$75,000					\$75,000
TOTAL	\$75,000					\$75,000

Location Map:

Location(s) to be determined.

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Stormwater

Project Title: **Structural BMP Siting and Programmatic Solutions**

Description: The Jurisdictional Groups 5&6 (J5/6) (Redondo Beach, Manhattan Beach, Hermosa Beach, Torrance, Caltrans and LACDPW) are jointly funding the Bacteria TMDL Implementation by retaining consultants to conduct three elements of the J5&6 Implementation Plan designed to achieve compliance with the SMBBB TMDL:
Structural BMP Siting using GIS data mining and field verification to optimize the location and selection of up to ten stormwater structural solutions and to develop them to a conceptual level (15% design) within two high priority drainage areas in J5/6 (Manhattan Beach 28th Street storm drain and the Herondo Storm drain).
Source ID & Control through field investigations guided by GIS mapping of land use, sewer overflow and illegal discharge incidents to identify "hot spot" chronic bacteria sources and significant dry weather flows within the two high priority drainage areas and recommend control measures to mitigate them
Programmatic Solutions to be developed for City-wide implementation designed to modify institutional, residential and business activities to minimize impacts on stormwater quality through a variety of outreach: pollution prevention tip card distribution through local businesses, direct mail pieces, landscape irrigation BMP web page, landscape awards program, outreach to schools, park maintenance and landscaping practices, and development of a monitoring plan to measure effectiveness of these measures as well as the Clean Bay Restaurant Program already being implemented.

Justification: On July 15, 2003 the Los Angeles Regional Water Quality Control Board promulgated the Santa Monica Bay Beaches Bacteria TMDL (SMBBB TMDL) for Dry- and Wet-Weather establishing compliance targets for meeting recreational water quality standards for bacteria. The SMBBB TMDL required responsible agencies to submit implementation plans for compliance which the J5/6 agencies jointly prepared and submitted on July 15, 2005. Since then the J5/6 agencies have been conducting phase I activities (Clean Bay Restaurant program, piloting structural BMPs such as the Prop 50 Porous Paving project in Manhattan Beach, the Hermosa Strand Infiltration Trench project in Hermosa Beach, various investigations in Redondo Beach, as well as several dry weather storm drain diversions by LACDPW (including 28th St & Polliwog Park). Now the J5/6 agencies will jointly contract for consulting firms to develop Phase II and III of the Implementation Plan. Manhattan Beach will be contributing 25% of the funds for this project and will benefit by the joint implementation since one of the two high priority drainage areas which is the subject of project items 1 and 2 is entirely within the City boundaries so the value to the City of the project exceeds the 25% contribution.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Stormwater Fund	\$150,000					\$150,000
TOTAL	\$150,000					\$150,000

Location Map:

N/A

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Streets

Project Title: Annual Slurry Seal Program

Description: Annual program to slurry seal City's streets.

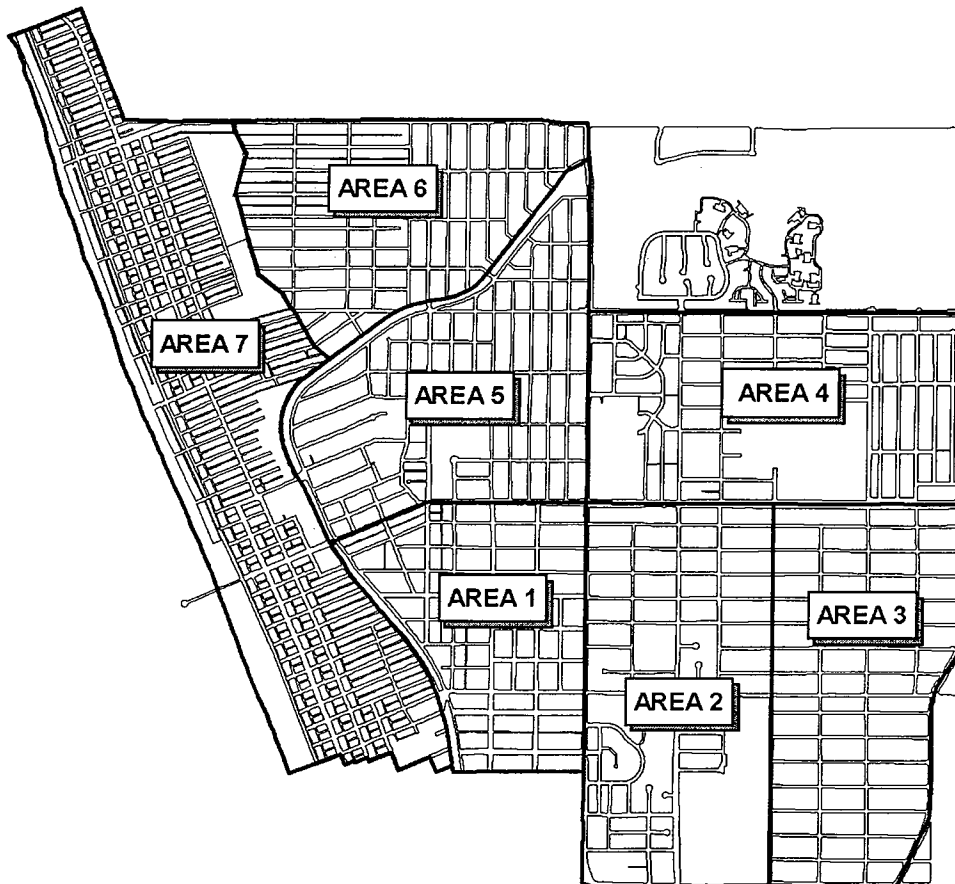
Justification: The slurry seal process works to protect and prolong the life of City streets, delaying costly and intrusive street resurfacing for typically 5-10 years.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Gas Tax Fund	\$420,000	\$425,000	\$425,000	\$425,000	\$425,000	\$2,120,000
TOTAL	\$420,000	\$425,000	\$425,000	\$425,000	\$425,000	\$2,120,000

Location Map:



**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Streets

Project Title: Annual Street Resurfacing Program

Description: Annual program to resurface City's streets. This is an annual project.

Justification: Necessary expenditure to keep street conditions to acceptable level, per the pavement management study. The pavement management study is conducted every three years to evaluate the condition of all streets in the City. The next study will be conducted during Winter 2008.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Gas Tax Fund		\$500,000	\$550,000	\$550,000	\$550,000	\$2,120,000
TOTAL		\$500,000	\$550,000	\$550,000	\$550,000	\$2,120,000

Location Map:

Location(s) to be determined.

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Streets

Project Title: Dual Left-Turn Lanes on Eastbound Manhattan Beach Blvd at Sepulveda Blvd; and Northbound Sepulveda at Manhattan Beach Blvd.

Description: Create dual left turn lanes at intersection. Both will require approval and permits from Caltrans.

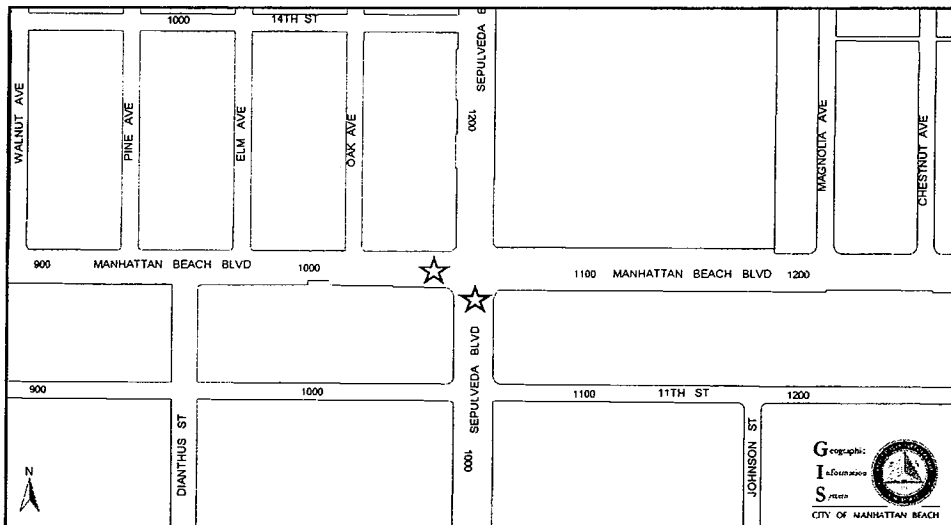
Justification: Identified by the Marine Avenue Traffic Study. Dual left-turn lanes on Eastbound Manhattan Beach Blvd at Sepulveda Blvd will encourage motorists to use Manhattan Beach Blvd. rather than Marine Avenue to access northbound Sepulveda Blvd. During peak times, excess vehicles wishing to turn left back up into the number 1 through lane reducing the efficiency of the intersection. Construction of the dual left turn pocket on Northbound Sepulveda will increase the volume of left turn movements, improving the efficiency of the intersection. During peak times, excess vehicles back up into the number 1 northbound lane, impeding through traffic. This project will also reduce the amount of cut through traffic on 11th Street.

Project Cost Information:

Capital Costs

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Proposition C Fund	\$440,000					\$440,000
TOTAL	\$440,000					\$440,000

Location Maps:



**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Streets

Project Title: PCC Repairs Area 4

Description: City administered annual sidewalk contract to repair and replace damaged curbs, gutters and other miscellaneous concrete infrastructure.

Justification: On an annual basis, Public Works targets specific areas that will be surveyed for deficiencies. Deficiencies include displacements, large cracks, bulging curb and gutter, tree root damage, etc. Per the City's Municipal Code, responsibility for repairing sidewalks is assigned to adjacent property owner(s) (Chapter 7.12.010 -7.12.030). In an effort to better serve the residents of our community, staff consolidates the surveyed locations, often over 100 locations and develops a Public Works project that is competitively bid. Residents are allowed an option to effect sidewalk repairs through the City administered repair contract or through a permitted private contractor.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Gas Tax Fund	\$500,000					\$500,000
TOTAL	\$500,000					\$500,000

Location Map:

Location(s) to be determined.

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Streets

Project Title: Peck Avenue Improvement Project

Description: Grind and overlay Peck Avenue from Manhattan Beach Boulevard to Artesia Boulevard.
Repair and replace adjacent curb and gutter as needed.

Justification: This segment of Peck Avenue has been identified by staff as needing resurfacing.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Gas Tax Fund	\$220,000					\$220,000
Proposition 1B Fund		\$580,000				\$580,000
TOTAL	\$220,000	\$580,000				\$800,000

Location Map:

Need Map

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Streets

Project Title: Sepulveda Boulevard Bridge Widening Project

Description: Sepulveda Boulevard connects the South Bay to LAX and beyond. This bridge is a congestion point for northbound traffic as the road narrows to three lanes. This project will widen the bridge on the east side and add one northbound lane.

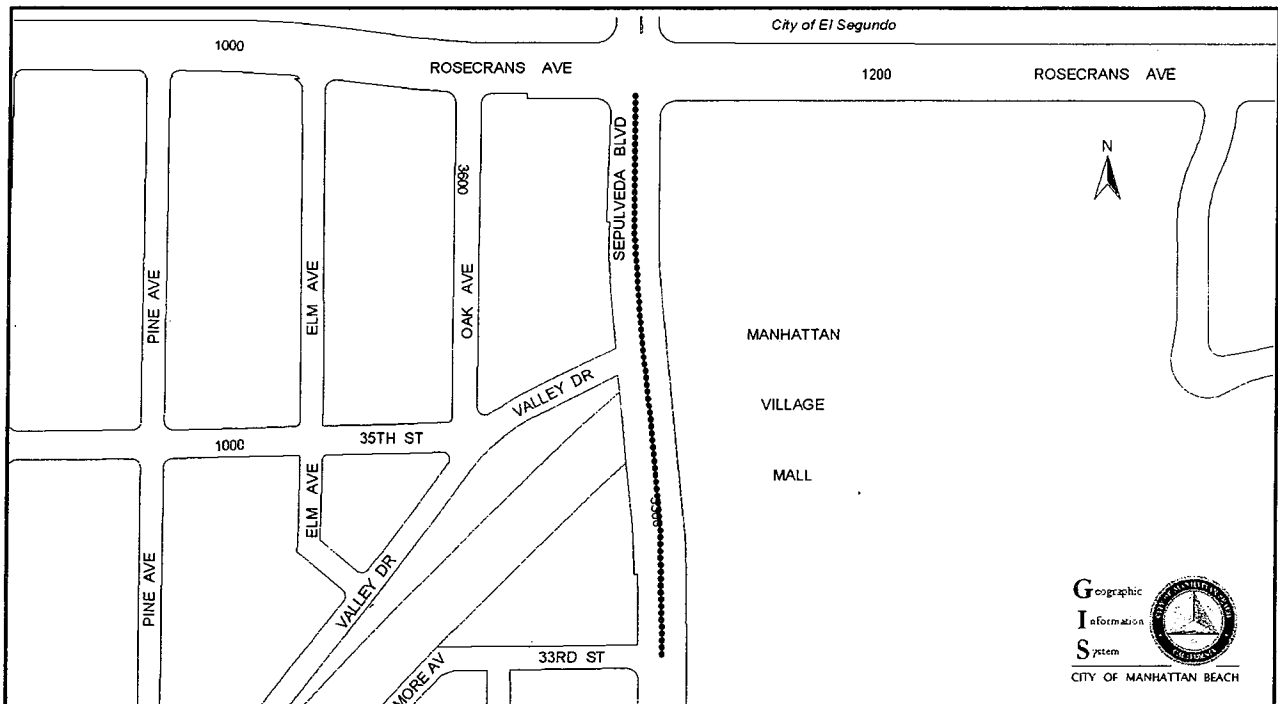
Justification: An analysis from Caltrans shows that the proposed widening will significantly improve the northbound traffic flow at this segment of Sepulveda Boulevard.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Proposition C Fund			\$2,300,000	\$7,700,000		\$10,000,000
TOTAL			\$2,300,000	\$7,700,000		\$10,000,000

Location Map:



**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Wastewater

Project Title: Annual Sewer Line Replacement Project

Description: Sewer line reconstruction at various locations.

Justification: This program is part of an on-going effort to maintain and improve the infrastructure of the City. Typically, the highest priority is given to segments that represent chronic maintenance problems. There will be no work conducted during FY 2007-08 to allow City staff to work on other annual projects.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Wastewater Fund	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000
TOTAL	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000

Location Map:

Location(s) to be determined.

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Wastewater

Project Title: **Utility Master Plan (Sewer Video)**

Description: Conduct video inspection of sewer mains as part of the Wastewater Master Plan.
Justification: This study will satisfy SSMP requirements for the wastewater system and help establish updated priorities for capital improvements to the wastewater system. This will allow the City to video approximately 20% of the system.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Wastewater Fund	\$500,000					\$500,000
TOTAL	\$500,000					\$500,000

Location Map:

Citywide.

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Wastewater

Project Title: Utility Master Plan (Wastewater)

Description: Conduct master plan for wastewater systems.

Justification: This study will satisfy SSMP requirements for the wastewater system and establish updated priorities for capital improvements to the wastewater system.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Wastewater Fund	\$500,000					\$500,000
TOTAL	\$500,000					\$500,000

Location Map:

Citywide.

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Water

Project Title: **Utility Rate Analysis**

Description: Building on the results of the Utility Master Plans, evaluate the need for utility rate adjustments.

Justification: Depending on the outcome of the Utility Master Plans, it may be necessary to adjust the rates for the Water and Wastewater Enterprise Funds to finance projected capital improvement needs.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Wastewater Fund	\$50,000					\$50,000
Water Fund	\$50,000					\$50,000
TOTAL	\$100,000					\$100,000

Location Map:

N/A

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Water

Project Title: Annual Water Line Replacement Program

Description: Replace undersized or deteriorated water mains to improve water circulation. Also includes additional fire hydrants in areas as specified in the Water Master Plan. This is an annual project.

Justification: This program is consistent with the City's Water Master Plan. It is part of an on-going effort to maintain and improve the infrastructure of the City.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Water Fund	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
TOTAL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

Location Map:

Location(s) to be determined.

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Water

Project Title: **Utility Master Plan (Water)**

Description: Conduct master plan for wastewater systems.

Justification: This study will satisfy SSMP requirements for the wastewater system and establish updated priorities for capital improvements to the water system.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Water Fund	\$500,000					\$500,000
TOTAL	\$500,000					\$500,000

Location Map:

Citywide.

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Water

Project Title: **Water Rights Acquisition**

Description: Begin the process of purchasing additional groundwater pumping rights as they become available.

Justification: Currently, the City has water-pumping rights to approximately 1,200 acre feet per year. By acquiring up to an additional 1,200 acre feet of groundwater pumping rights, the City can then begin the process of construction and additional water well which would provide more reliable service and reduce the City's dependency on imported water from the Metropolitan Water District.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Water Fund				\$1,000,000		\$1,000,000
TOTAL				\$1,000,000		\$1,000,000

Location Map:

N/A

**City of Manhattan Beach
2008-2013 Capital Improvement Plan
Project Information**

Project Type: Water

Project Title: Water Well Addition

Description: Install an additional well.

Justification: Per the Water Master Plan.

Project Cost Information:

Capital Costs:

<u>Funding Source(s)</u>	<u>FY 2008-09</u>	<u>FY 2009-10</u>	<u>FY 2010-11</u>	<u>FY 2011-12</u>	<u>FY 2012-13</u>	<u>TOTAL</u>
Water Fund			\$400,000	\$600,000		\$1,000,000
TOTAL			\$400,000	\$600,000		\$1,000,000

Location Map:

Location(s) to be determined.