
CITY OF
DES MOINES
WASHINGTON



2013 – 2018
CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvements
Transportation
Marina
Surface Water Management

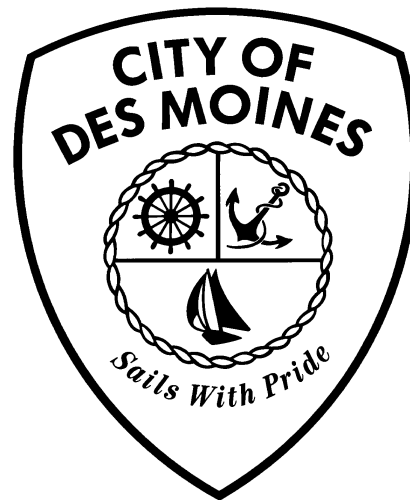
CITY OF DES MOINES
WASHINGTON

2013 - 2018

CAPITAL IMPROVEMENT PLAN

Resolution No. 1211
Adopted by the City Council
on November 8, 2012

City Council
Dave Kaplan, Mayor
Matt Pina, Mayor Pro Tem
Jeanette Burrage
Dan Caldwell
Melissa Musser
Carmen Scott
Bob Sheckler





2013 – 2018 CAPITAL IMPROVEMENT PLAN

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This document is the City of Des Moines's 2013 –2018 Capital Improvement Plan. The Capital Improvement Plan provides a multi-year list of proposed major capital expenditures and associated operating costs for the city. This plan attempts to set funding strategies not only for the current year, but also for the next five years to project future needs for major construction, land acquisition and equipment needs that improve the cultural environment, capital infrastructure and recreational opportunities for the citizens of Des Moines. Capital expenditures are viewed not only in the context of how much the new project will cost, but also what impact the project will have on the city's operating budget.

OVERVIEW

Capital facilities planning and financing is subject to the State of Washington Growth Management Act of 1990 (GMA). The GMA requires communities to adopt comprehensive plans designed to guide the orderly development of growth over the next twenty years.

To comply with GMA, the city prepared a comprehensive Capital Facilities Plan (CFP). The CFP provides long-range policy guidance for the development of capital improvements. The purpose of a CFP is to identify and coordinate those capital improvements deemed necessary to accommodate orderly growth, set policy direction for capital improvements and ensure that needed capital facilities are provided in a timely manner.

The GMA requires that the CFP contain the following elements:

1. An inventory of existing publicly-owned capital facilities showing locations and capacities.
2. A forecast of the future needs for such capital facilities.
3. The proposed locations and capacities of expanded or new capital facilities.
4. A minimum six-year plan that will finance such capital facilities within projected funding capacities and clearly identifies sources of public money for such purposes.
5. A requirement to reassess the land-use element if probable funding falls short of meeting existing needs.

Capital facilities are defined as mandatory elements for inclusion in the comprehensive plan. The GMA addresses planning requirements for capital facilities independently, particularly concerning funding issues. The City of Des Moines has complied with this requirement by establishing separate funds for capital facilities but combines the process under one plan.



The City of Des Moines's capital facilities improvements are programmed within four separate designated capital funds.

Municipal Capital Improvement Fund

The Municipal Capital Improvement Fund provides for capital facility improvements including parks and recreational facilities, public safety facilities, administration and maintenance facilities.

Transportation Capital Improvement Fund

The Transportation Capital Improvement Fund provides for transportation capital improvements. Transportation public facilities include streets, roads, highways, bridges, sidewalks, street and road lighting systems, and traffic signals. In 2005, the Transportation Impact Fee Fund was established to account for Transportation Impact fees, which became effective July 1, 2005. The impact fees are transferred to the Transportation Capital Improvement Fund to program for growth-related transportation projects.

Marina Depreciation and Improvement Funds

The Marina Depreciation and Improvement Capital Funds provide for capital facility improvements of the Des Moines Marina.

Surface Water Management Capital Fund

The Surface Water Management Capital Fund provides for capital facility improvements that mitigate storm water runoff by preventing increased flooding, changes in water quality, stream channel degradation, habitat loss, increased erosion and sedimentation.

For financial and accounting purposes, municipal capital and operating funds are divided into two broad categories: general governmental and proprietary. General governmental activities are supported primarily by taxes and user fees, while proprietary activities rely primarily on fees generated from the sale of goods and services for their operations. Capital improvements for police, parks, and transportation are traditionally general governmental in nature, while those for surface water and marina are proprietary.

Revenue sources for general governmental capital improvements are constrained by legal limits on tax rates that can be charged to raise funds for capital improvements, and on the amount of general obligation debt (capacity) that can be issued to raise funds for capital improvements. Proprietary funds' revenue sources are less restricted in that user fees could be increased or revenue-backed debt issued with the approval of the legislative body.

In addition, general governmental capital funding for improvements that rely on voter-approved bond issues creates uncertainty of when or if certain projects will take place.



CAPITAL BUDGET CRITERIA

Capital improvement programming and budgeting involve the development of a long-term plan for capital expenditures for the City of Des Moines. Capital expenditures include expenditures for buildings, land, major equipment, and other commodities that are of significant value (greater than \$25,000) and have a useful life of at least five years.

The Capital Improvement Plan (CIP) lists each proposed capital item to be undertaken, the year in which it will be started, the amount expected to be expended in each year and the proposed method of financing these expenditures. Based on these details, summaries of capital activities in each year can be prepared, as well as summaries of financial requirements, such as amounts of general obligation bonds to be issued, amounts of general operation funds required and any anticipated intergovernmental support, etc.

The capital improvement budget is enacted annually based on the capital improvement plan. It appropriates funding for the projects in the first year of the capital improvement plan.

Flexibility is built into the capital improvement plan to allow for delay of projects when financing constraints make it impossible to allow for funding of the entire array of projects and to move future projects forward when financial availability makes it possible. The point is that the CIP is required to be updated at least annually to:

- Make any adjustments in future program years when changes occur in funding or cost.
- Add a year of programming to replace the current year funded.

ADVANTAGES OF CAPITAL PLANNING

In addition to the Growth Management Act (GMA), which requires communities to establish a long-range capital plan, capital planning provides several advantages to the community.

- Capital planning facilitates repair or replacement of existing facilities before they fail. Failure is almost always more costly, time-consuming and disruptive than planned repair or replacement.
- It focuses community and the City Council's attention to priorities, goals, needs and capabilities. There are always more needs and competing projects than available funds. A good capital plan forces the city to consciously set priorities between competing projects and interests.



- A CIP provides a framework for decisions about community growth and development. Long-range planning for infrastructure needs allows the community to accommodate reasonable growth in new facilities while maintaining existing infrastructure, based on goals established through the planning process.
- A CIP promotes a more efficient government operation. Coordination of capital projects can minimize disruption and reduce scheduling problems and conflicts between several projects. Related projects, such as sidewalks, drainage and roads, can be planned simultaneously.
- A CIP helps distribute costs more equitably over a longer period of time, avoiding the need to impose spikes in tax financing. For example, new projects can be scheduled as current debt levels decline.
- A CIP enhances opportunities for outside financial assistance. Adequate lead time allows for the opportunity to explore all avenues of outside grant funding with federal, state, and local financial assistance programs.
- A CIP serves as an effective community education tool in conveying to the public that the City Council has made decisions that affect the future of the city and in its implementation provides guidance for development of the community.

REVENUE SOURCES

Capital project activity is funded by cash payments or financed by the issuance of general obligation bonds (or revenue bonds if a proprietary fund), by Public Works Trust Fund Loans, by grants, by general tax allocation, and by transfers from other funds as may be approved by the City Council.

Annual contributions may be used in whole or in part to fund capital projects as cash assets are accumulated, or the annual contributions may be allowed to remain in reserve until funds, along with accrued interest have grown sufficiently to permit larger projects to be undertaken and paid for with cash.

Annual contributions may be used as debt service payments against the issuance of bonds that allow the completion of projects prior to the accumulation of cash equal to the estimated cost of the project.

POLICIES

The City Council has adopted policies that encourage fiscal responsibility while establishing reliable sources of funding for capital expenditures on an ongoing basis. Described below are policies that support the capital improvement plan process.



Revenue Policies:

- The city, per Ordinance No. 1189, shall transfer from the General Fund to the Municipal Capital Improvement Fund an annual contribution of \$300,000. Annual increases to the contribution will be adjusted based on the percentage change in the current year General Fund revenues as compared to the following year projected general fund revenues. Ordinance No. 1189 was superseded by Ordinance No. 1352, which repealed the requirement for a base contribution and mandatory percentage increase. Annual appropriations will be adopted per the City Council when there are revenue sources available. For 2013, there is no annual contribution from the General Fund as approved by the City Council.
- Rate studies in proprietary funds will be conducted periodically to determine the adequacy of user charges and annual contributions for capital improvements. Both the Marina and the Surface Water Management Utility had undergone rate studies in 2006 and 2005, respectively. The City Council adopted Ordinance No. 1368 in 2005, implementing a three-year phased-in approach of rate increases as proposed by the Surface Water Management Utility Rate Study. In 2007, the City Council approved Resolution No. 1028 adopting increases in Marina rates for 2007 through 2009. In fall 2012, the Surface Water Management Utility began a stormwater rate study. Subsequent rate changes for both the Marina and the Surface Water Management Utility have been based on the CPI inflation index.
- Park in-lieu fees from single-family subdivisions and multi-family developments shall be used for the acquisition and development of neighborhood parks determined necessary as a consequence of the proposed development, or for designated community parks.
- Transportation Impact Fees will be first utilized to repay the debt service on bonds or loans financed for growth related transportation improvements, and then for past and future payments of capital expenditures for growth related transportation improvements.
- Twenty-five percent (25%) of vehicle fuel tax revenues will be transferred annually from the Street Fund to the Transportation Capital Improvement Fund for transportation capital improvements. This requirement was suspended for 2013 by Res. 1211, which adopted the 2013-2018 CIP.

Debt Management Policies:

- The city shall determine the most advantageous financing method for all new projects.
- Whenever possible, the city shall identify alternative sources of funding and shall examine the availability of all sources in order to minimize the level of debt.



- Pay-as-you-go financing of capital improvements shall be utilized whenever possible.
- The city shall utilize intergovernmental contribution, when available, to finance capital improvements that are consistent with the goals and priorities of the city.
- The scheduled maturities of long-term obligations shall not exceed the expected useful life of the capital project or asset financed.

THE CAPITAL IMPROVEMENT PLAN PROCESS

The capital improvement plan process is built around the following eight steps:

1. Establishment of the administrative and policy framework for capital programming and budgeting. The first step in implementing an effective capital improvement planning and budget process is to establish the underlying organizational and policy framework within which the process operates. All requests for capital improvement projects are submitted to the Finance Department.

2. Prepare inventory of existing facilities. Each governmental unit should compile an inventory of its own physical plant. This will help to indicate the eventual need for renewal, replacements, expansion or retirement of some of the physical plant. This can be accomplished through a master plan process.

3. Determine by review the status of previously approved projects. Prepare a report showing the status of previously approved programs. The estimated costs of these projects should be reviewed to ensure accuracy and the funding sources that would be needed to finance the completion of the project. This status review also allows the legislative body the opportunity to stay informed of projects approved in previous years.

4. Perform financial analysis and financial programming. Financial analysis involves the determination of the City of Des Moines' financial capability for major expenditures by examining past, present and future revenue, expenditures and municipal debt. The selection and scheduling of funding sources of these major expenditures is known as financial programming. Some of the important objectives of financial programming include:

- Smoothing out the tax rate
- Maintaining a preferred balance of debt service and current expenditures
- Determination of debt capacity and appropriate debt service levels
- Maximizing intergovernmental aid relative to local expenditures



The intent is to come up with a level of capital expenditures by fund that the municipality can safely afford over the next several years while maintaining a minimal impact of the property tax rate and other municipal revenues.

5. Compile and evaluate project requests. Once the Finance Department has completed reviewing and summarizing the CIP requests, the CIP requests are then presented to the City Council Committees (Environment: Surface Water Management Capital Projects; Municipal Facilities: Parks, Administrative and Maintenance Facilities, and Marina Capital Projects; Public Safety and Transportation: Transportation Capital Projects) for review and prioritization based on the criteria contained in the Capital Project Criteria section. The City Council then reviews, modifies and adopts the CIP.

6 Adoption of the capital program and budget. The City Council, which has been involved in the CIP process from the beginning by establishing policy guidelines under which the CIP is developed, has the final responsibility to adopt the CIP.

7. Monitoring the CIP. Monitoring the approved capital budget requires appropriate actions from the Finance Department. Since capital projects often involve time-consuming activities such as bidding, site selection, and lengthy purchasing and construction delays, the actual implementation of projects may be completed somewhat later than the designated year. If funds are incomplete, it may be desirable to split the project over two funding years. An example of this would be completing the Engineering design and bid specification development in one year and the actual construction in the second year. A quarterly status briefing is provided to the City Council.

8. Modifications. Significant change in project scope, time or costs requires a CIP amendment by the City Council.



OPERATING CAPITAL VERSUS CAPITAL IMPROVEMENT

For the purpose of the Capital Improvement Plan, a capital improvement is defined as any major purchase or construction exceeding \$25,000 and includes the following if a capital asset will be improved, acquired, or self-constructed.

- Major repairs
- Reconstruction or replacement of capital items such as buildings, storm drainage systems, roadways, bridges, parks, etc.
- New construction or development
- Property acquisition
- Equipment acquisition

In addition to exceeding \$25,000 value criteria, the project must have a useful life exceeding five (5) years.

Costs expended for the planning of specific capital projects are included in the Capital Improvement Plan since the planning phase is an authorized use of real estate excise taxes. With the issuance of Governmental Accounting Standards No. 51, costs expended for development of comprehensive master plans will be included in the respective Department's annual operating budget.

Any potential capital project not meeting the above criteria should be included in the Departments' annual operating_budget request, not as a capital item.



CAPITAL BUDGET PREPARATION CALENDAR

JUNE/JULY

Departments prepare/review Inventory of Facilities

Policy guidance given at Annual Retreat

Potential Capital Improvement Projects identified

Previous approved projects reviewed for accuracy

Projects submitted to the Finance Department for preparation of Summary Document

Project evaluation by City Council Committees: Projects submitted based on established criteria; submitted projects reviewed and prioritized

Financial Analysis prepared

AUGUST

Draft 6-year CIP finalized

Discussion and modification of plan as necessary

OCTOBER

CIP and current year budget incorporated into the City Manager's Annual Budget Submittal

NOVEMBER

CIP presented to City Council for Adoption
Adoption of the Annual Budget and CIP

JANUARY

New Fiscal Year



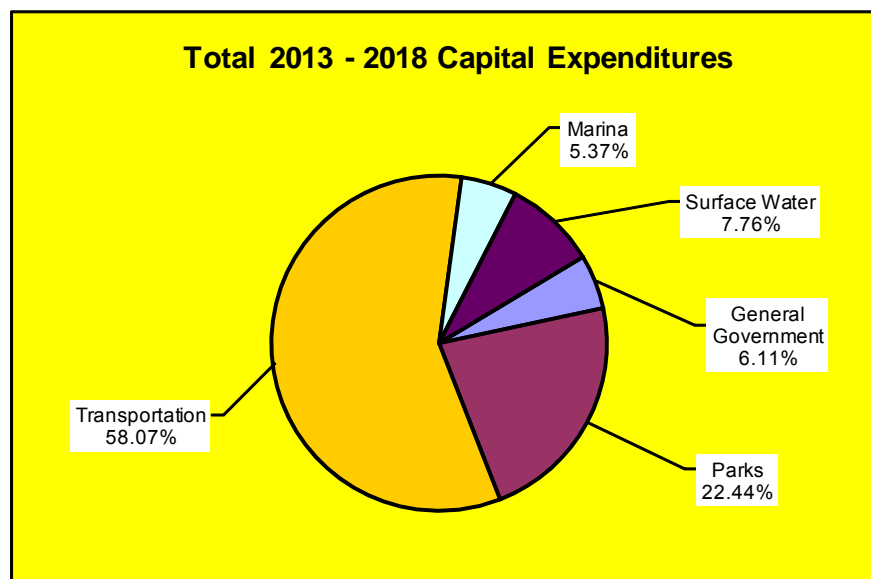
Capital Project Evaluation Criteria

Legal	State or Federal mandate may require that a particular project be implemented. Court orders and judgments concerning annexation property owners' rights, environmental protection, etc. are also legal requirements that may affect how projects are prioritized.
Safety	The benefit to the environment, safety or public health of the community should be evaluated. For example, all street projects concern public safety, but streets for which documented evidence of existing safety hazards should be given higher priority treatment.
Comprehensive Plan	Consistency with the city's Comprehensive Plan is important. Capital projects may directly or indirectly implement the comprehensive plan. Projects should not be inconsistent with the comprehensive plan.
Funds	The extent to which outside funding is available for the project or purchase needs to be evaluated.
Need	The project should alleviate identified problems or deficiencies.
Related Project	Often projects in one category are essential to the success of those in others. Related projects proposed by other departments or governmental jurisdictions may even affect a savings to a particular project. Coordination of street projects with utility programs within the city (or those planned by other jurisdictions) can reduce costs and minimize public inconvenience. A water line replacement that is needed in three years may be given a higher priority in order to coincide with a street resurfacing project needed immediately.
Efficiency Project	Projects that substantially improve the quality of service at the same operating cost, or eliminate obsolete and inefficient facilities, should be identified using this category.
Economic Impact	A project may affect the local economy. Increases or decreases in property valuations may occur. Rapid growth in the area may increase the city's land acquisition costs if the project is deferred.
Public Support	These projects are generally more easily implemented if there is public demand and support for them. Such public support should be gauged in terms of its strength and depth of understanding it represents.



Capital Expenditures By Category and by Revenue Sources

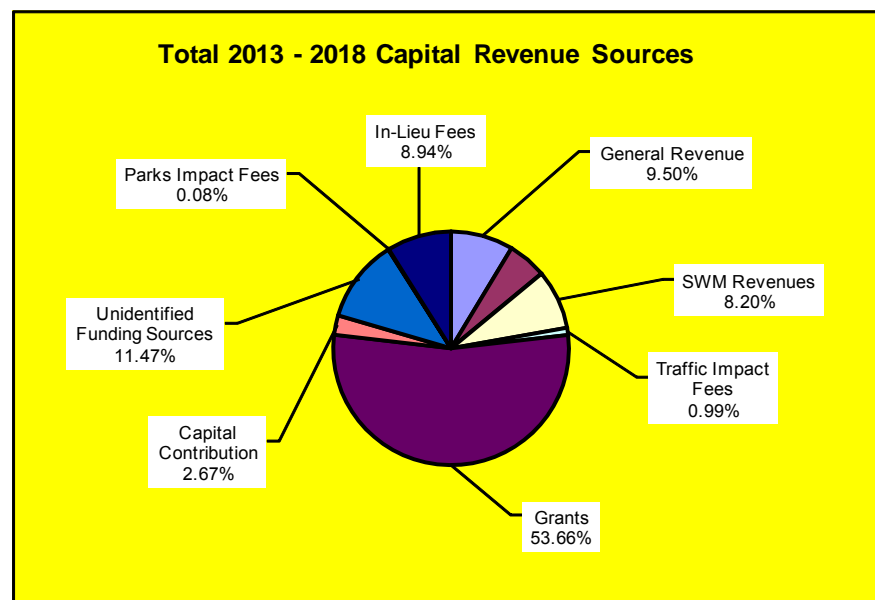
	Capital Costs by Project Category						
	2013	2014	2015	2016	2017	2018	Total
General Government	\$ 588,532	\$ 762,895	\$ 719,550	\$ 425,088	\$ 425,200	\$ 300,000	\$ 3,221,265
Parks	1,031,868	1,719,284	312,630	278,909	2,721,270	7,712,700	13,776,661
Transportation	17,306,319	5,075,362	3,391,114	2,704,415	4,578,073	2,595,590	35,650,873
Marina	706,389	535,936	513,436	511,749	514,636	511,886	3,294,032
Surface Water	706,200	1,087,500	1,487,700	503,700	1,336,920	328,000	5,450,020
Total	\$ 20,339,308	\$ 9,180,977	\$ 6,424,430	\$ 4,423,861	\$ 9,576,099	\$ 11,448,176	\$ 61,392,851





Capital Expenditures By Category and by Revenue Sources

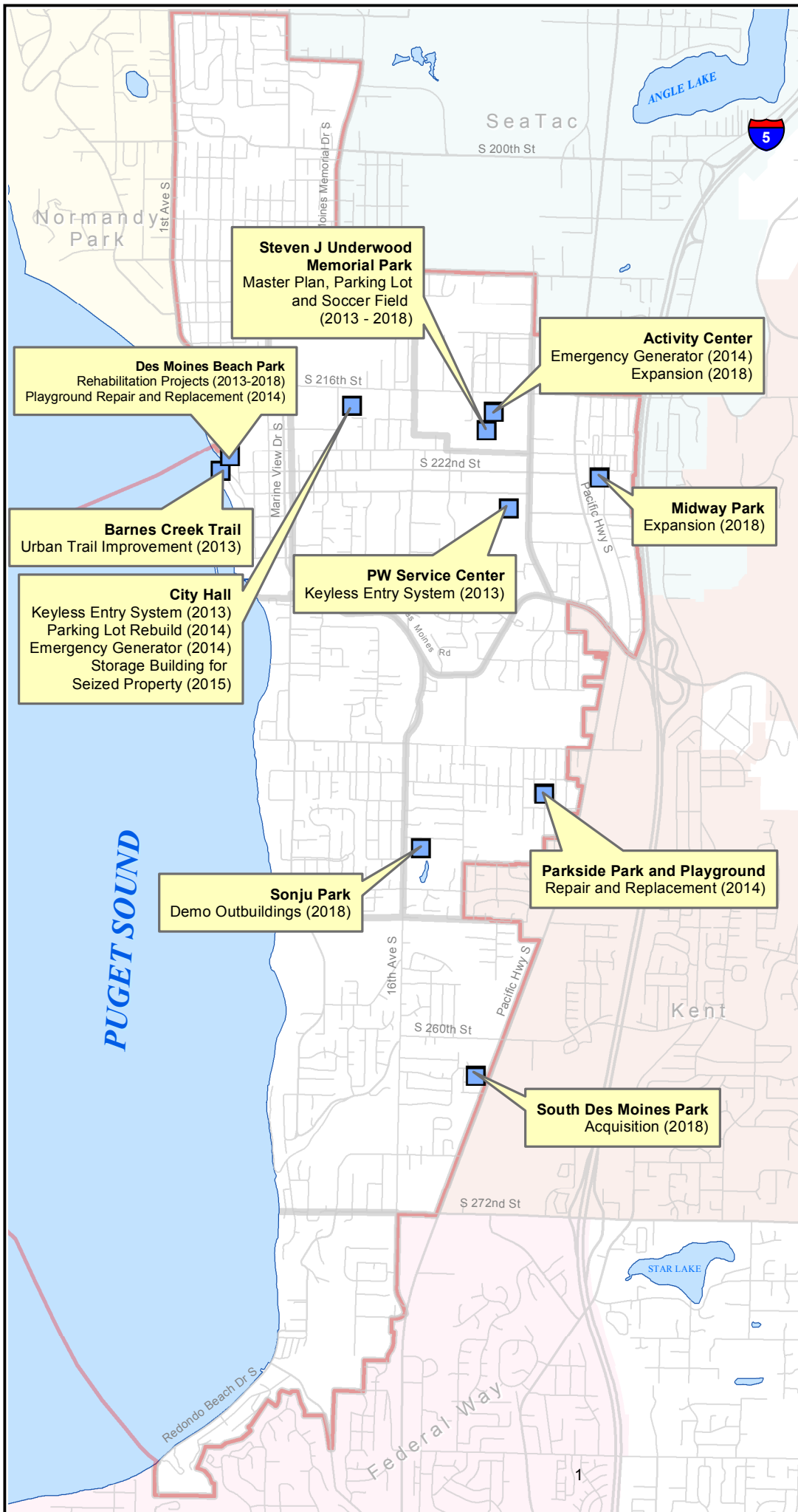
Financing Plan for All Projects by Revenue Sources							
	2013	2014	2015	2016	2017	2018	Total
General Revenue	\$ 935,504	\$ 914,738	\$ 850,717	\$ 783,053	\$ 900,873	\$ 913,124	\$ 5,298,009
Marina Revenues	706,389	535,936	513,436	511,749	514,636	511,886	3,294,032
SWM Revenues	706,200	1,087,500	1,307,700	473,900	1,132,170	328,000	5,035,470
Traffic Impact Fees	172,641	268,270	30,000	50,600	55,000	30,000	606,511
Grants	13,372,898	4,648,197	2,669,459	1,354,800	4,179,750	6,719,250	32,944,354
Capital Contribution	1,598,555	0	0	0	39,500	0	1,638,055
Unidentified Funding Sources	245,782	1,368,736	552,718	204,109	1,926,380	2,741,240	7,038,965
Parks Impact Fees	0	0	0	0	0	50,000	50,000
In-Lieu Fees	2,601,339	357,600	500,400	1,045,650	827,790	154,676	5,487,455
Total	\$ 20,339,308	\$ 9,180,977	\$ 6,424,430	\$ 4,423,861	\$ 9,576,099	\$ 11,448,176	\$ 61,392,851






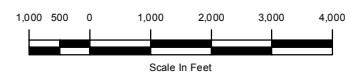
City of Des Moines

2010 Parks, Recreation & Senior Services
Master Plan

Municipal Capital Improvements Plan 2013 - 2018



-  CIP Project Location
-  Des Moines City Limits
-  Planning Area Boundary





2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

		2013 - 2018 APPROVED CIP						2013-2018 6 - YEAR TOTAL
		2013	2014	2015	2016	2017	2018	
BEGINNING FUND BALANCE		\$ 132,733	\$ 68,615	\$ 114,061	\$ 185,499	\$ 237,511	\$ 170,621	\$132,733
LOCAL REVENUES								
Transfer from Facility Repair & Repl Fund	Auditorium	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer from Facility Repair & Repl Fund	Energy Savings Project	-	-	-	-	-	-	-
Transfer from Facility Repair & Repl Fund	Field House Restroom	-	-	-	-	-	-	-
Transfer from SWM CIP Fund	DMBP-Rehab/Auditorium	-	-	-	-	-	-	-
Interest Earnings		500	500	900	1,900	3,200	4,100	11,100
Real Estate Excise Tax		500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Park In Lieu Fees		10,000	47,500	50,000	50,000	50,000	50,000	257,500
Impact Fees	South DM Park Acquisition	-	-	-	-	-	50,000	50,000
Transfer-in from General Fund	Capital Contributions		100,000			100,000	150,000	350,000
Transfer-in from General Fund	Field House Ball Field Drainage Project							-
Transfer-in from Debt Svc Fund 218	Sr. Center Land Acquisition							-
TOTAL LOCAL REVENUES		\$ 510,500	\$ 648,000	\$ 550,900	\$ 551,900	\$ 653,200	\$ 754,100	\$ 3,668,600
PROJECT REVENUES								
WA State Heritage Funds (Confirmed)	DMBP-Rehab/Dining Hall	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WA State Heritage Funds (Unconfirmed)	DMBP-Rehab/Dining Hall	750,000	-	-	-	-	-	750,000
4-Culture Arts Grant (Unconfirmed)	DMBP-Rehab/Dining Hall	-	-	-	-	-	-	-
WA State Heritage Funds (Unconfirmed) *	DMBP-Rehab/Sun Home Lodge	-	-	594,500	-	-	-	-
RCO (Confirmed, July 2009)	DM Crk Trail Waterfront	-	-	-	-	-	-	-
Federal Grants	DM Crk Trail Waterfront	-	-	-	-	-	-	-
King County Parks Levy	DM Trail Improvements	50,000	-	-	-	-	-	50,000
WA State Heritage Funds (Confirmed)	Grandstand Restoration	-	-	-	-	-	-	-
WA State Heritage Funds (Confirmed)	Field House Renovations	-	-	-	-	-	-	-
WA State Heritage Funds (Confirmed)	Field House Park Ballfield #1 Expansion	-	-	-	-	-	-	-
RCO/KCYSF (unconfirmed)	Playground at Beach Park	-	150,000	-	-	-	-	150,000
DOE/CDBG	Park & Playground Repair & Replacement - Parkside Park	-	360,889	-	-	-	-	360,889
CDBG	Activity Center Expansion	-	-	-	-	-	500,000	500,000
Bond Proceeds	Activity Center Expansion	-	-	-	-	-	3,019,250	3,019,250
RCO	SJU Park C-4 Soccer Field	-	-	-	-	500,000	-	500,000
RCO	South DM Park Acquisition	-	-	-	-	-	1,000,000	1,000,000
FEMA	Jan 09 Mudslide	-	-	-	-	-	-	-
State Emerg Mgt	Jan 09 Mudslide	-	-	-	-	-	-	-
State Treasurer Local Pgm	City-Wide Energy Savings & Utility Imprv	-	-	-	-	-	-	-
ARRA/EECBG Grant	City-Wide Energy Savings & Utility Imprv	-	-	-	-	-	-	-
Utility Rebates	City-Wide Energy Savings & Utility Imprv	-	-	-	-	-	-	-
TOTAL PROJECT REVENUES		\$ 800,000	\$ 510,889	\$ -	\$ -	\$ 500,000	\$ 4,519,250	\$ 6,330,139

* Removed from CIP projects list per Council, 11/08/12



2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

		2013 - 2018 APPROVED CIP						2013-2018 6 - YEAR TOTAL
		2013	2014	2015	2016	2017	2018	
UNIDENTIFIED FUNDING SOURCES								
To Be Determined	Keyless Entry System (CH/PWSC/PW Engineering)	83,272	-	-	-	-	-	\$ 83,272
To Be Determined	Park Lifecycle Repair & Repl	-	-	102,568	204,109	111,380	210,250	628,307
To Be Determined	DM Beach Park Rehab-Picnic Shelter	-	23,366	-	-	-	-	23,366
To Be Determined	City Hall Parking Lot Rebuild	-	75,000	-	-	-	-	75,000
To Be Determined	Midway Park Expansion	-	-	-	-	-	1,020,000	1,020,000
To Be Determined	City Hall/Engineering Emergency Generator	-	187,145	-	-	-	-	187,145
To Be Determined	Activity Center Emergency Generator	-	92,000	-	-	-	-	92,000
To Be Determined	PD Storage Bldg for Seized Property	-	-	300,000	-	-	-	300,000
To Be Determined	Demo Sonju Property Outbuildings	-	-	-	-	-	43,300	43,300
To Be Determined	Marina District Banners & Civic Readerboards	162,510	-	-	-	-	-	162,510
To Be Determined	Activity Center Expansion	-	-	-	-	-	250,000	250,000
To Be Determined	Steven J Underwood Meml Park C-3 Parking Lot	-	-	-	-	-	217,690	217,690
To Be Determined	SJUM Park C-4 Soccer Field	-	-	-	-	818,000	-	818,000
To Be Determined	South DM Park Acquisition	-	-	-	-	-	1,000,000	1,000,000
To Be Determined	Beach Park Founders Lodge Repairs	-	-	-	-	997,000	-	997,000
Other Beach Park Projects:								
To Be Determined	Carlson House Rehabilitation *	-	-	256,665	-	-	-	-
To Be Determined	Turf Repair and Irrigation Projects	-	-	150,150	-	-	-	150,150
To Be Determined	Restroom Building Rehabilitation	-	562,300	-	-	-	-	562,300
To Be Determined	Roadside Cabin Rehabilitation *	-	-	84,520	-	-	-	-
To Be Determined	Roadway & Parking Overlays	-	227,125	-	-	-	-	227,125
To Be Determined	Sports Cabin Rehabilitation *	-	65,512	-	-	-	-	-
To Be Determined	Undergrounding Utilities	-	151,500	-	-	-	-	151,500
To Be Determined	Replace Wooden Bridge over DM Creek	-	50,300	-	-	-	-	50,300
To Be Determined	Caretakers Cabin Rehabilitation *	-	77,890	-	-	-	-	-
TOTAL UNIDENTIFIED REVENUES		\$ 245,782	\$ 1,368,736	\$ 552,718	\$ 204,109	\$ 1,926,380	\$ 2,741,240	\$ 7,038,965
TOTAL REVENUES & FUND BALANCE		\$ 1,689,015	\$ 2,596,240	\$ 1,217,679	\$ 941,508	\$ 3,317,091	\$ 8,185,211	\$ 17,170,437

* Removed from CIP projects list per Council, 11/08/12



2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

2013 - 2018 APPROVED CIP							2013-2018 6 - YEAR TOTAL
2013	2014	2015	2016	2017	2018		
PROJECT EXPENDITURES							
Des Moines Beach Park Rehab-Dining Hall	\$ 843,375	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 843,375
Des Moines Beach Park Interim Repairs Tsf to Dining Hall	31,650	93,804	-	-	-	-	125,454
Des Moines Beach Park Rehab-Sun Home Lodge *	-	-	594,500	-	-	-	-
Des Moines Beach Park Rehab-Picnic Shelter	-	123,366	-	-	-	-	123,366
Des Moines Beach Park Rehab-Founders Lodge Repairs	-	-	-	-	997,000	-	997,000
DM Urban Trail Imprv (Tsf to Trans CIP) Barnes Creek Trail	156,843	-	-	-	-	-	156,843
Playground Repair and Replacement - Beach Park	-	150,000	-	-	-	-	150,000
Lifecycle Park Replacement Projects	-	-	162,480	278,909	228,480	271,900	941,769
Steven J Underwood Meml Park C-3 Parking Lot	-	-	-	-	77,790	308,250	386,040
Parkside Park & Playground Repair & Replacement	-	360,889	-	-	-	-	360,889
City Hall Parking Lot Rebuild	-	75,000	-	-	-	-	75,000
City Hall/Engineering Emergency Generator	-	187,145	-	-	-	-	187,145
Activity Center Emergency Generator	-	92,000	-	-	-	-	92,000
Police Dept Storage Building for Seized Property	-	-	300,000	-	-	-	300,000
Demo Sonju Property Outbuildings	-	-	-	-	-	43,300	43,300
Marina District Banners and Readerboards	162,510	-	-	-	-	-	162,510
Keyless Entry Systems (CH/PWSC/PW Engineering)	83,272	-	-	-	-	-	83,272
Activity Center Expansion	-	-	-	-	-	4,019,250	4,019,250
Midway Park Expansion	-	-	-	-	-	1,020,000	1,020,000
Steven J Underwood Meml Park C-4 Soccer Field	-	-	-	-	1,418,000	-	1,418,000
South Des Moines Park Acquisition	-	-	-	-	-	2,050,000	2,050,000
Other Beach Park Projects:							
Carlson House Rehabilitation *	-	-	256,665	-	-	-	-
Turf Repair and Irrigation Projects	-	-	150,150	-	-	-	150,150
Restroom Building Rehabilitation	-	562,300	-	-	-	-	562,300
Roadside Cabin Rehabilitation *	-	-	84,520	-	-	-	-
Roadway & Parking Overlays	-	227,125	-	-	-	-	227,125
Sports Cabin Rehabilitation *	-	65,512	-	-	-	-	-
Undergrounding Utilities	-	151,500	-	-	-	-	151,500
Replace Wooden Bridge over DM Creek	-	50,300	-	-	-	-	50,300
Caretakers Cabin Rehabilitation *	-	77,890	-	-	-	-	-
TOTAL PROJECT EXPENDITURES	\$ 1,277,650	\$ 2,073,429	\$ 612,630	\$ 278,909	\$ 2,721,270	\$ 7,712,700	\$ 14,676,588

* Removed from CIP projects list per Council, 11/08/12



2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

		2013 - 2018 APPROVED CIP						2013-2018 6 - YEAR TOTAL
		2013	2014	2015	2016	2017	2018	
DEBT SERVICE PAYMENTS/OPERATING TRANSFERS								
Debt-1997 GO Bond-City Hall Expansion / 2008 Refunding Bonds		\$ 122,750	\$ 123,750	\$ 119,550	\$ 125,088	\$ 125,200	\$ -	\$ 616,338
Transfer to Transportation CIP Fund		220,000	285,000	300,000	300,000	300,000	300,000	1,705,000
TOTAL DEBT/OPERATING TRANSFERS		342,750	408,750	419,550	425,088	425,200	300,000	2,321,338
TOTAL EXPENDITURES		\$ 1,620,400	\$ 2,482,179	\$ 1,032,180	\$ 703,997	\$ 3,146,470	\$ 8,012,700	\$ 16,997,926
ENDING FUND BALANCE		\$ 68,615	\$ 114,061	\$ 185,499	\$ 237,511	\$ 170,621	\$ 172,511	\$ 172,511
RESERVED FUND BALANCE								
Park In Lieu Fees		\$ 14,323	\$ 61,823	\$ 90,173	\$ 140,173	\$ 62,383	\$ 41,823	\$ 41,823
King County Parks Levy	DM Creek Urban Trail Improvements	3,323	3,323	3,323	3,323	3,323	3,323	3,323
TOTAL RESERVED FUND BALANCE		\$ 17,646	\$ 65,146	\$ 93,496	\$ 143,496	\$ 65,706	\$ 45,146	\$ 45,146
UNRESERVED FUND BALANCE		\$ 50,969	\$ 48,915	\$ 92,003	\$ 94,015	\$ 104,915	\$ 127,365	\$ 127,365
PORTION OF PROJECTS FUNDED BY PARK IN LIEU								
Fieldhouse Park Ballfield Expansion		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Steven J Underwood Meml Park C-3 Parking Lot		-	-	-	-	77,790	70,560	148,350
Steven J Underwood Meml Park C-4 Soccer Field		-	-	-	-	50,000	-	50,000
Lifecycle Park Replacement Projects		-	-	21,650	-	-	-	21,650
TOTAL FUNDED BY PARK IN LIEU		\$ -	\$ -	\$ 21,650	\$ -	\$ 127,790	\$ 70,560	\$ 220,000
PORTION OF PROJECTS FUNDED BY IMPACT FEES								
South DM Park Acquisition		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
TOTAL FUNDED BY IMPACT FEES		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
PORTION OF PROJECTS FUNDED BY REET								
Des Moines Beach Park Rehab-Auditorium		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Des Moines Beach Park Rehab-Dining Hall		125,025	93,804	-	-	-	-	218,829
Des Moines Beach Park Rehab-Picnic Shelter		-	100,000	-	-	-	-	100,000
Lifecycle Park Replacement Projects		-	-	38,262	74,800	117,100	61,650	291,812
Activity Center Expansion		-	-	-	-	-	250,000	250,000
Debt-1997 GO Bond-City Hall Expansion / 2008 Refunding Bonds		122,750	123,750	119,071	125,088	83,200	-	573,859
Transfer to Transportation CIP Fund		220,000	180,388	300,000	300,000	300,000	231,000	1,531,388
TOTAL AMOUNT FUNDED BY REET		\$ 467,775	\$ 497,942	\$ 457,333	\$ 499,888	\$ 500,300	\$ 542,650	\$ 2,965,888



2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

		2013 - 2018 APPROVED CIP						2013-2018 6 - YEAR TOTAL
		2013	2014	2015	2016	2017	2018	
PORTION OF PROJECTS FUNDED BY GRANTS & CONTRIBUTIONS								
WA ST Heritage Funds (Unconfirmed)	DMBP-Rehab/Dining Hall	750,000	-	-	-	-	-	750,000
WA State Heritage/TBD *	DMBP-Rehab/Sun Home Lodge	-	-	594,500	-	-	-	-
King County Parks Levy	DM Urban Trail Improvements	156,843	-	-	-	-	-	156,843
RCO/KCYSF (unconfirmed)	Playground Repair and Replacement - Beach Park	-	150,000	-	-	-	-	150,000
DOE/CDBG	Park & Playground Repair & Replacement - Parkside Park	-	360,889	-	-	-	-	360,889
CDBG	Activity Center Expansion	-	-	-	-	-	500,000	500,000
Bond Proceeds	Activity Center Expansion	-	-	-	-	-	3,019,250	3,019,250
RCO	SJU Park C-4 Soccer Field	-	-	-	-	500,000	-	500,000
RCO	South DM Park Acquisition	-	-	-	-	-	1,000,000	1,000,000
TOTAL AMOUNT FUNDED BY GRANTS		\$ 906,843	\$ 510,889	\$ -	\$ -	\$ 500,000	\$ 4,519,250	\$ 6,436,982
PORTION OF PROJECTS FUNDED BY FUND BALANCE								
Des Moines Beach Park Rehab-Auditorium		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Steven J. Underwood Memorial Park Master Plan Update		-	-	-	-	-	20,000	20,000
Steven J. Underwood Memorial Park-Ph 4		-	-	-	-	50,000	-	50,000
Debt-1997 GO Bond-City Hall Expansion / 2008 Refunding Bonds		-	-	479	-	42,000	-	42,479
Transfer to Transportation CIP Fund		-	104,612	-	-	-	69,000	173,612
TOTAL AMOUNT FUNDED BY FUND BALANCE		-	104,612	479	-	92,000	89,000	286,091

* Removed from CIP projects list per Council, 11/08/12



2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.050-01
PROJECT	Des Moines Beach Park (DMBP) Dining Hall Rehabilitation	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	

LOCATION 22030 Cliff Avenue South

DESCRIPTION: Rehabilitation of the Dining Hall includes lifting the building, constructing a new foundation spanning the creek (completed in 2008), ADA access and decking (completed in 2011). This project has funding support from Washington State and shares a portion of the cost to make creek modifications to reduce park flooding and improve environmental conditions. **2013:** Provides funds for code related improvements to reopen the building such as: repairs to structure and roof, building interior and exterior rehabilitation work, new utilities (electrical and gas, phone, cable, water, sewer, surface water), fire suppression and grease trap. **2014:** Provides funds for window replacement and door repairs.

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	Prior Yrs	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 25,368	\$ 10,212	\$ 376	\$ -	\$ 4,650	\$ -	\$ -	\$ 9,130	\$ 1,000				
CIP PROJ MGT 5%	47,795	15,780	909			2,106	2,106	25,000	4,000				
DESIGN/ENGINEERING/PERMITS	197,365	104,718	12,647					80,000					
SURVEY (Archeology)	9,987	7,273	2,714										
Creek Hydrology Design/Permit	117,572	93,619	21,226		2,727								
BUILDINGS	1,899,412	942,896			285,644	10,872		585,000	75,000				
Construction Obs/Engineer	73,239				33,822	39,417	39,417						
CONTINGENCY/PERMITS	70,499							63,820	6,679				
SALES TAX	90,825				27,092	1,033		55,575	7,125				
TESTING	48,524	31,822			5,202	5,000	5,000	6,500					
EQUIPMENT	117,493	692		66,801				50,000					
OTHER-Fencing	1,421		671			750	750						
TOTAL	\$ 2,699,499	\$ 1,207,011	\$ 38,543	\$ 66,801	\$ 359,137	\$ 59,178	\$ 47,273	\$ 875,025	\$ 93,804				

FUNDING SOURCES	TOTAL*	Prior Yrs	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
REET (2011)	\$ 719,877	\$ 762,955	\$ -	\$ (124,996)	\$ 133,867	\$ (51,949)	\$ (71,726)	\$ -	\$ -				
REET (2013 Tsf from Auditorium Roof Proj.)	(5,946)			(99,321)				93,375					
REET (2013-14 Tsf from BP Interim Repairs.)	125,454							31,650	93,804				
4Culture Arts Capital Grant (unconfirmed)	-					-	46,523						
Park In-lieu	-												
MCI	175,692				175,692	-	(174,380)						
SWM Utility	-												
TBD	-												
4Culture	12,850	12,850											
WA State Heritage Funds (confirm)	844,271	431,176	10,850	291,118		111,127	246,856						
WA State Her.Funds (unconf.)	750,000							750,000					
Miscellaneous (Ins Recoveries)	77,301	30	27,693		49,578								
TOTAL	\$ 2,699,499	\$ 1,207,011	\$ 38,543	\$ 66,801	\$ 359,137	\$ 59,178	\$ 47,273	\$ 875,025	\$ 93,804				

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

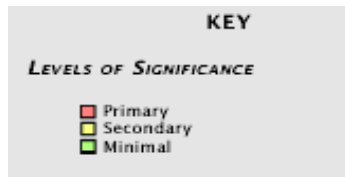
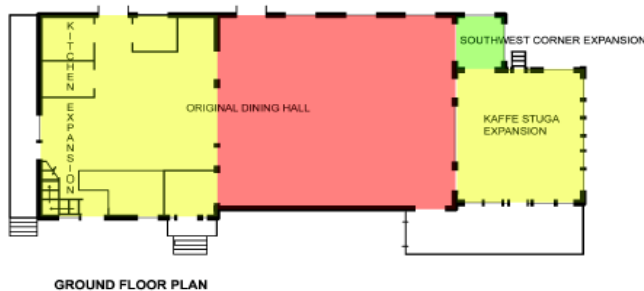
CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.050-01
PROJECT	Des Moines Beach Park (DMBP) Dining Hall Rehabilitation	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	22030 Cliff Avenue South		

JUSTIFICATION: Des Moines Beach Park is listed on the State and National Historic Register. Expert analysis was completed in 2004 regarding prioritized and phased rehabilitation of the park's assets. Rehabilitation of the following buildings is proposed: Auditorium (1957), Dining Hall (1934), Picnic Shelter (1924), Sun Home Lodge (1934), Caretaker's Cabin (1935), Workshop/Bath House (1945), and Founder's Lodge (1970). The Sun Home Lodge is in desperate need of life and safety repairs for its continued use as a recreation facility. Funds are not available at this time to provide for the rehabilitation work necessary for public use.

SCOPE OF WORK: Historic Beach Park Buildings- Dining Hall Rehabilitation

Des Moines Beach Park Rehabilitation - Dining Hall



DINING HALL (A.K.A. COMMUNITY BUILDING)

RECOMMENDATIONS

Short Term

- Stabilize and reconstruct the building foundation.

Mid Term

- Replace in-kind deteriorated vinyl flooring in the kitchen. Inspect framing and sheathing and repair in-kind as necessary.
- Repair in-kind and refinish wood windows.
- Repair roofing and replace missing shingles. Inspect sheathing, framing, and rafter ends during repair. Consolidate or repair in-kind as necessary.
- Remove all plumbing and utility lines from below the building for protection during flooding.

Long Term

- Rehabilitate the attic space for compatible new use.
- Retain cool room, including door hardware, and repair in-kind as needed.
- Restore in-kind the original fir tongue and groove flooring in the dining hall and Kaffe Stuga.



2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.050-02
PROJECT	Des Moines Beach Park (DMBP) Picnic Shelter	PROJECT STATUS:	
		Preliminary Estimate	
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	22030 Cliff Avenue South		
DESCRIPTION:	2014: Rehabilitation of the Picnic Shelter includes: stem wall, new concrete pad, electrical and lighting updates, ADA access improvements. These projects anticipate funding support from Washington State.		

EXPENDITURE SCHEDULE												
COST ELEMENTS	TOTAL*	Prior Yrs	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 1,282	\$ 24	\$ 18					\$ 1,240				
CIP PROJ MGT 1.5%	4,000							4,000				
DESIGN / ENGINEERING	23,686	12,149	2,737					8,800				
BUILDINGS	85,229							85,229				
IMPROVEMENTS	-											
INSPECTION/PROJ MGT	8,000							8,000				
CONTINGENCY	8,000							8,000				
SALES TAX	8,097							8,097				
OTHER (escalation 5%)	-											
TOTAL	\$ 138,294	\$ 12,173	\$ 2,755					\$ 123,366				

FUNDING SOURCES	TOTAL*	Prior Yrs	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
REET	\$ 114,928	\$ 12,173	\$ 2,755					\$ 100,000				
TBD								23,366				
Grant (unconfirmed)	-											
Bonds												
WA State Heritage/TBD	-											
Federal	-											
Park In-Lieu	-											
King County	-											
TOTAL	\$ 138,294	\$ 12,173	\$ 2,755					\$ 123,366				

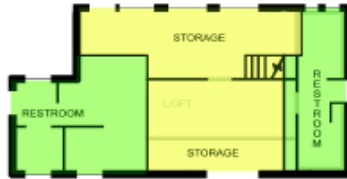
*Excludes FY 12 Amd



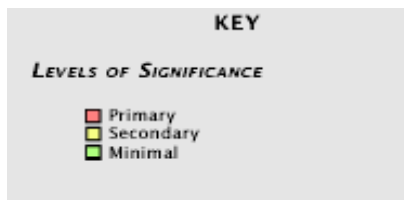
2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.050-02
PROJECT	Des Moines Beach Park (DMBP) Picnic Shelter	PROJECT STATUS:	
		Preliminary Estimate	
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	22030 Cliff Avenue South		
JUSTIFICATION:	Des Moines Beach Park is listed on the State and National Historic Register. Expert analysis was completed in 2004 regarding prioritized and phased rehabilitation of the park's assets. Rehabilitation of the following buildings is proposed: Auditorium (1957), Dining Hall (1934), Picnic Shelter (1924), Sun Home Lodge (1934), Caretaker's Cabin (1935), Workshop/Bath House (1945), and Founder's Lodge (1970). The Sun Home Lodge is in desperate need of life and safety repairs for its continued use as a recreation facility. Funds are not available at this time to provide for the rehabilitation work necessary for public use.		



GROUND FLOOR PLAN





2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.XXX
PROJECT	Beach Park Founders Lodge Repairs	PROJECT STATUS:	
		Preliminary Estimate	
		Plans in Preparation	
		P.S.E. Complete	

LOCATION

DESCRIPTION:

This project is to renovate the the Founders Lodge to maximize its use as a rental facility. Updates to the building include: replacement of building windows and doors; flooring; paint; restroom plumbing and fixtures; kitchen fixtures, surfaces and appliances and balcony and meeting space remodel work.

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 6,000									\$ 6,000	
CIP PROJ MANAGEMENT	33,160									33,160	
DESIGN / ENGINEERING	90,852									90,852	
SURVEY	-										
PERMITS	-										
BUILDINGS	-										
IMPROVEMENTS	605,682									605,682	
INSPECTION	-										
PROJECT ADMIN. (CONST.)	33,160									33,160	
CONTINGENCY/PERMITTING	120,606									120,606	
SALES TAX	57,540									57,540	
OTHER	50,000									50,000	
TOTAL	\$ 997,000									\$ 997,000	

FUNDING SOURCES	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
REET	\$ -									\$ -	
TBD	997,000									997,000	
Bonds											
MCI	-										
Park In-Lieu	-										
TOTAL	\$ 997,000									\$ 997,000	

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.XXX
PROJECT	Beach Park Founders Lodge Repairs	PROJECT STATUS:	
		Preliminary Estimate	
		Plans in Preparation	
		P.S.E. Complete	
LOCATION			

JUSTIFICATION:

This project is needed to update the Founders Lodge to maximize its use as a rental facility and revenue generation capacity.

SCOPE OF WORK:

Updates to the building include: replacement of building windows and doors; flooring; paint; restroom plumbing and fixtures; kitchen fixtures, surfaces and appliances and balcony and meeting space remodel work.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY General Government

PROJECT Barnes Creek Trail / Des Moines Creek Urban Trail Acquisition/Improvements
This project is funded in the Transportation CIP Fund

PROJECT NO. 310.051

PROJECT STATUS: _____

Preliminary Estimate _____

Plans in Preparation _____

P.S.E. Complete _____

LOCATION

DESCRIPTION: This project is for Des Moines Creek Trail and Barnes Creek/SR 509 ROW trail connectors as identified in the 2010 Parks Master Plan. The funds will be used to match outside funding from KC Conservation Futures and/or RCO Grants.

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -					
CIP PROJ MANAGEMENT	-											
DESIGN / ENGINEERING	5	5										
SURVEYS/APPRAISALS	-											
PERMITS	-											
LAND	-											
IMPROVEMENTS	-											
INSPECTION / PROJ MGT	-											
CONTINGENCY	-											
SALES TAX	-											
Tsf to Transportation CIP	300,000			100,000	43,157	200,000	156,843					
TOTAL	\$ 300,005	\$ 5		\$ 100,000	\$ 43,157	\$ 200,000	\$ 156,843					

FUNDING SOURCES	TOTAL	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
King County Parks Levy	\$ 300,005	\$ 5		\$ 100,000	43,157	\$ 150,000	\$ 156,843					
MCI	-	-			-	50,000	-					
REET	-						-					
KC Cons. Futures (conf.)	-											
KC Cons. Futures (unconf.)	-											
RCO (unconfirmed)	-											
TOTAL	\$ 300,005	\$ 5		\$ 100,000	\$ 43,157	\$ 200,000	\$ 156,843					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	<u>310.051</u>
PROJECT	Barnes Creek Trail / Des Moines Creek Urban Trail Acquisition/Improvements This project is funded in the Transportation CIP Fund	PROJECT STATUS:	<u> </u>
LOCATION		Preliminary Estimate	<u> </u>
		Plans in Preparation	<u> </u>
		P.S.E. Complete	<u> </u>
JUSTIFICATION:	The Barnes Creek Park/Trail provides connections for neighborhoods and wildlife to Des Moines Creek Park/Trail; part of a multi-jurisdictional trail system that eventually will connect Puget Sound to Lake Washington, Des Moines Gateway and light rail or other transportation centers.		



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.047-XX
PROJECT	Playground at Beach Park	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	22030 Cliff Ave. S.		
DESCRIPTION:	Beach Park Play Area: Install play area that is integrated into the Beach Park site. Work to be completed when funding is available.		

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 1,500					\$ 1,500				
CIP PROJ MGT 1.5	4,000					4,000				
DESIGN / ENGINEERING	15,000					15,000				
LAND	-									
BUILDINGS	-									
IMPROVEMENTS	100,000					100,000				
INSPECTION / PROJ. MGT.	-									
CONTINGENCY/PERMITTING	20,000					20,000				
SALES TAX	9,500					9,500				
OTHER/PERMITS	-									
TOTAL	\$ 150,000					\$ 150,000				

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
REET	\$ -					\$ -				
MCI	-									
RCO/KCYSF (unconfirmed)	150,000					150,000				
Park In Lieu	-									
TOTAL	\$ 150,000					\$ 150,000				

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.047-XX
PROJECT	Playground at Beach Park	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	22030 Cliff Ave. S.		

JUSTIFICATION: Beach Park play equipment was removed due to poor location in flood plane and construction area. Des Moines citizens have told City Council that this is a high priority. A new location and project funding must be identified to complete this project.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.047-594
PROJECT	Park Lifecycle Repair & Replacement Projects	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	City of Des Moines		

DESCRIPTION: This project makes necessary repairs and other improvements to existing parks and playgrounds by providing an ongoing lifecycle fund for equipment and amenity replacement based on priorities from the 2010 Master Plan for Parks, Recreation and Senior Services. Improvements are proposed at Wootton Park, Memorial Park, and Field House Park.

PROPOSED IMPROVEMENTS: Replacement of park system play equipment, picnic tables, drinking fountains, lighting fixtures, shelters, benches, pathways, signage and other park amenities as needed due to age, safety regulations, deterioration and/or vandalism.

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL *	FY 11 Act	FY 12 Est	FY 12 Amd	FY 12	FY 13	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 9,190						\$ 1,500	\$ 2,750	\$ 2,240	\$ 2,700
Proj. Mgt.	11,399						2,300	4,159	2,240	2,700
DESIGN/ENG	169,000						24,000	40,000	35,000	70,000
IMPROVEMENTS	672,000						120,000	207,000	170,000	175,000
CONTINGENCY	58,500						4,000	20,000	17,000	17,500
SALES TAX	10,680						10,680			
PERMITS	11,000							5,000	2,000	4,000
TOTAL	\$ 941,769						\$ 162,480	\$ 278,909	\$ 228,480	\$ 271,900

FUNDING SOURCE	TOTAL	FY 11 Act	FY 12 Est	FY 12 Amd	FY 12	FY 13	FY 15	FY 16	FY 17	FY 18
REET	\$ 291,812						\$ 38,262	\$ 74,800	\$ 117,100	\$ 61,650
Park In Lieu	21,650						21,650			
MCI	-									
TBD	628,307						102,568	204,109	111,380	210,250
TOTAL	\$ 941,769						\$ 162,480	\$ 278,909	\$ 228,480	\$ 271,900

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	<u>310.047-594</u>
PROJECT	Park Lifecycle Repair & Replacement Projects	PROJECT STATUS:	
		Preliminary Estimate	<u>X</u>
		Plans in Preparation	<u></u>
		P.S.E. Complete	<u></u>
LOCATION	City of Des Moines		

JUSTIFICATION: This project will provide necessary funds to replace play equipment, picnic tables, drinking fountains, lighting fixtures, shelters, benches, pathways, signage and other park amenities as needed due to age, safety regulations, deterioration and/or vandalism. Staff will provide City Council with the list of required replacement items annually based on most urgent need: **Des Moines Memorial Park:** Flag Pole Lighting; **Wootton Park:** Play Equipment Replacement, Gazebo Replacement, Improve Drainage and Replace Site Furnishings; **Field House Park:** Replace Skateboard Area, Resurface Tennis Court, Replace Field #2 Fencing and Seating.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.046-07
PROJECT	Steven J. Underwood Memorial Park C-3 Parking Lot	PROJECT STATUS:	
LOCATION	21800 20th Avenue South	Preliminary Estimate	X
DESCRIPTION:	Improvements needed to complete Steven J. Underwood Memorial Park: 2010-Park Master Plan Update (includes Activity Center site), parking lot design; 2014-2015 parking lot construction, drainage and signage.		
		Plans in Preparation	
		P.S.E. Complete	

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 3,790								\$ 790	\$ 3,000
CIP PROJ MANAGEMENT	3,000									3,000
DESIGN / ENGINEERING	40,000								40,000	
MASTER PLAN	30,000								30,000	
BUILDINGS	-									
IMPROVEMENTS	250,000									250,000
INSPECTION / PERMITS	20,000									20,000
CONTINGENCY	17,000								7,000	10,000
SALES TAX	22,250									22,250
TOTAL	\$ 386,040								\$ 77,790	\$ 308,250

FUNDING SOURCE	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14			FY 17	FY 18
REET1	\$ -								\$ -	\$ -
REET2	-									
RCO	-									
Park-in-Lieu	148,350								77,790	70,560
Donations	-									
MCI	20,000									20,000
FUNDED:	\$ 168,350								\$ 77,790	\$ 90,560
UNFUNDED:	-									
TBD/REET	\$ 217,690								\$ -	\$ 217,690

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.046-07
PROJECT	Steven J. Underwood Memorial Park C-3 Parking Lot	PROJECT STATUS:	
LOCATION	21800 20th Avenue South	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	

JUSTIFICATION: Completion of Steven J. Underwood Memorial Park is a priority 1 need as identified by the 2010 Parks, Recreation and Senior Services Master Plan to include adequate parking and connection to the Activity Center site with park amenities to include a picnicking and play area.

SCOPE OF WORK:

	2017	2018
Administration	\$ 790	\$ 3,000
PM		3,000
Design, Engineering, Permits	70,000	
Parking lot		250,000
Inspection		20,000
Contingency	7,000	10,000
Sales Tax		22,250
Total	\$ 77,790	\$ 308,250



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.047-0X
PROJECT	Park and Playground Repair & Replacement - Parkside Park	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		Budget status:	unfunded
LOCATION	25th Ave. S. & S. 244th St.		

DESCRIPTION: Parkside Park Improvements include site grading to improve site access, sightlines, safety and security as identified in the 2010 Parks Master Plan. Play equipment and sports court would be relocated in more visible location. May be partially funded by DOE due to ASARCO issues.

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 2,850					\$ 2,850				
CIP PROJ MGT 1.5	4,289					4,289				
DESIGN / ENGINEERING	40,000					40,000				
LAND	-									
BUILDINGS	-									
IMPROVEMENTS	250,000					250,000				
INSPECTION / PROJ. MGT.	15,000					15,000				
CONTINGENCY	25,000					25,000				
SALES TAX	23,750					23,750				
OTHER	-									
TOTAL	\$ 360,889					\$ 360,889				

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
UNFUNDED:										
DOE/ CDBG	\$ 360,889					\$ 360,889				
TBD/REET	-									
Park In Lieu	-									
TOTAL	\$ 360,889					\$ 360,889				



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

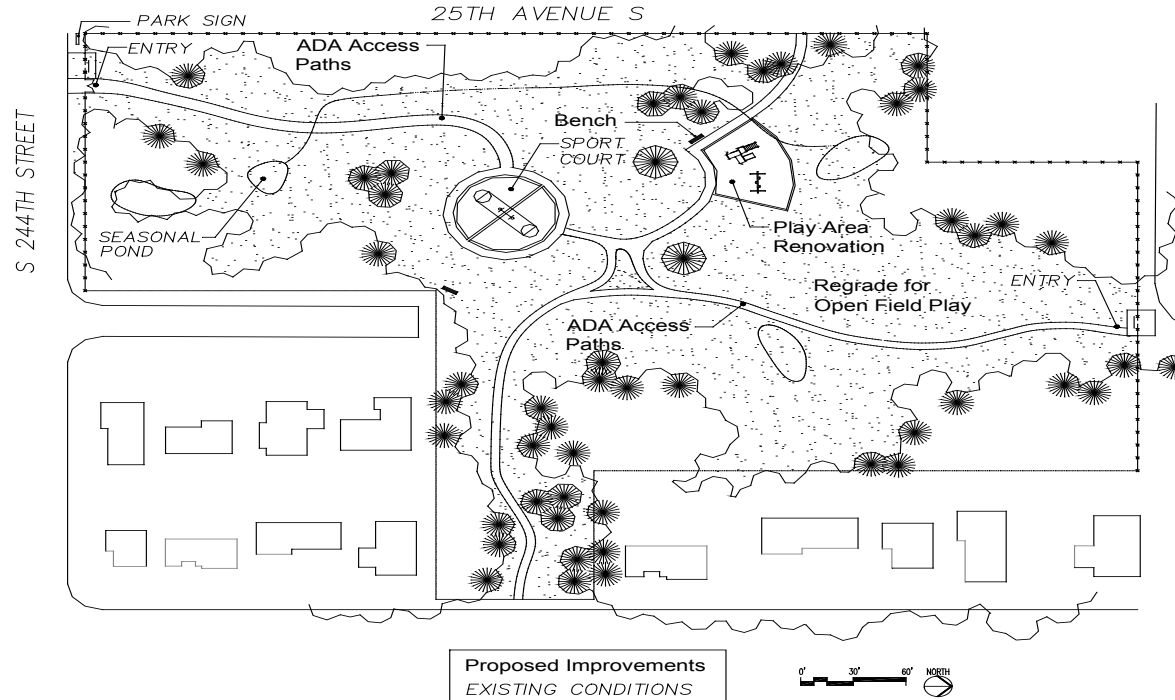
CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.047-0X
PROJECT	Park and Playground Repair & Replacement - Parkside Park	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		Budget status:	unfunded
LOCATION	25th Ave. S. & S. 244th St.		

*Excludes FY 12 Amd

JUSTIFICATION: ADA-compliant walkways and pathways improvements are needed to meet basic safety and security requirements of the City parks system. The 2010 Parks, Recreation, and Senior Services Master Plan identifies these repairs as a priority 2 need and recommends a six-year timeline to make these repairs.

SCOPE OF WORK 2009-2013 Playground/Play Equipment Repairs





2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.700-XX
PROJECT	City Hall Parking Lot Rebuild	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		Budget status	
LOCATION	21630 11th Ave South	<i>not funded but had actual expend</i>	
DESCRIPTION:	Total rebuild of the southern and eastern City Hall parking lots.		

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL *	Prior Years	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 2,342	\$ 92					\$ 2,250				
CIP PROJ MANAGEMENT	3,750						3,750				
DESIGN / ENGINEERING	5,000						5,000				
LAND	-										
BUILDINGS	-										
IMPROVEMENTS	54,625						54,625				
INSPECTION / PERMITS	6,250						6,250				
CONTINGENCY	3,125						3,125				
SALES TAX	-										
OTHER	-										
TOTAL	\$ 75,092	\$ 92					\$ 75,000				

FUNDING SOURCES	TOTAL *	Prior Years	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
MCI	\$ 92	\$ 92					\$ -				
TBD	75,000						75,000				
TOTAL	\$ 75,092	\$ 92					\$ 75,000				

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.700-XX
PROJECT	City Hall Parking Lot Rebuild	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		Budget status	
LOCATION	21630 11th Ave South	<i>not funded but had actual expend</i>	

JUSTIFICATION: A design for these parking lots was completed in 2007. The results of the design were that an overlay would be insufficient to solve the existing degradation. As a result, a total rebuild of these parking lots needs to take place. In addition to rebuilding the parking lots, the existing southern ecology block wall will have to be rebuilt prior to any parking lot construction work. The western parking lots, as well as the ADA ramp retrofits, will be included as part of the City Hall Customer Service Center Project.

SCOPE OF WORK: Hire a contractor to rebuild the southern retaining wall, and then rebuild the southern and eastern City Hall parking lots.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.700-XX
PROJECT	City Hall/Engineering Emergency Generator	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	21630 11th Ave S		
DESCRIPTION:	Install a new 400 Kw emergency generator behind City Hall to allow City Hall and Engineering to operate during power outages and emergency situations.		

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 9,030					\$ 9,030				
CIP PROJ MANAGEMENT	3,625					3,625				
DESIGN / ENGINEERING	6,040					6,040				
LAND	-									
BUILDINGS	-									
IMPROVEMENTS	150,800					150,800				
INSPECTION / PERMITS	4,100					4,100				
CONTINGENCY	-									
SALES TAX	13,550					13,550				
OTHER	-									
TOTAL	\$ 187,145					\$ 187,145				

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
UNFUNDED:										
TBD	\$ 187,145					\$ 187,145				
	-									
TOTAL	\$ 187,145					\$ 187,145				

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.700-XX
PROJECT	City Hall/Engineering Emergency Generator	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	21630 11th Ave S		
JUSTIFICATION:	The 2006 winter storm season was rather severe. City Hall and Engineering were not operational at times. This emergency generator will help City staff perform their vital functions during emergency conditions and will keep City Hall open to the public.		
SCOPE OF WORK:	Hire a contractor to install the new generator and perform the necessary electric panel and wire rerouting modifications.		



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.700-XX
PROJECT	Activity Center Emergency Generator	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	2045 S 216th St		
DESCRIPTION:	Install a new 125 Kw emergency generator outside at the Activity Center to allow operations during power outages and emergency situations.		

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 2,000					\$ 2,000				
CIP PROJ MANAGEMENT	2,900					2,900				
DESIGN / ENGINEERING	4,600					4,600				
LAND	-									
BUILDINGS	-									
IMPROVEMENTS	73,200					73,200				
INSPECTION / PERMITS	2,400					2,400				
CONTINGENCY	-									
SALES TAX	6,900					6,900				
OTHER	-									
TOTAL	\$ 92,000					\$ 92,000				

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
UNFUNDED:										
TBD	\$ 92,000					\$ 92,000				
	-									
TOTAL	\$ 92,000					\$ 92,000				

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	<u>310.700-XX</u>
PROJECT	Activity Center Emergency Generator	PROJECT STATUS:	
		Preliminary Estimate	<u>X</u>
		Plans in Preparation	<u> </u>
		P.S.E. Complete	<u> </u>
LOCATION	2045 S 216th St		

JUSTIFICATION: The 2006 winter storm season was rather severe. The Activity Center was not operational at times. This emergency generator will allow activities to continue during emergency conditions, and will keep the building open to the public.

SCOPE OF WORK: Hire a contractor to install the new generator and perform the necessary electric panel and wire rerouting modifications.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	
PROJECT	Police Department (PD) Storage Building for Seized Property	PROJECT STATUS:	310.XXX
		Preliminary Estimate	
		Plans in Preparation	X
		P.S.E. Complete	
LOCATION	21650 11th Ave South		
DESCRIPTION:	Construction of a new building behind the existing City Shop and Engineering offices to store property seized by police actions.		

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ -						\$ -			
CIP PROJ MANAGEMENT	-									
DESIGN / ENGINEERING	-									
LAND	-									
BUILDINGS	-									
IMPROVEMENTS	300,000						300,000			
INSPECTION / PERMITS	-									
CONTINGENCY	-									
SALES TAX	-									
OTHER	-									
TOTAL	\$ 300,000						\$ 300,000			

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
UNFUNDED:							\$ -			
REET	\$ -									
TBD	300,000						300,000			
Police Svcs Restoration Fund	-									
TOTAL	\$ 300,000						\$ 300,000			

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	
		PROJECT STATUS:	310.XXX
		Preliminary Estimate	
PROJECT	Police Department (PD) Storage Building for Seized Property	Plans in Preparation	X
		P.S.E. Complete	
LOCATION	21650 11th Ave South		
JUSTIFICATION:	Police currently store their seized property in the warehouse behind the City Shop and Engineering offices. This causes other City equipment to be stored elsewhere. This new building will accommodate the PD needs and will allow for better usage of the existing storage building.		
SCOPE OF WORK:	Design and construct a new building to house PD seized property.		



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.XXX
PROJECT	Sonju Outbuilding Demos and Landscape Restoration	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	24728 16th Ave S		
DESCRIPTION:	Demolish one existing boarded-up outbuilding, haul debris away, and restore landscaping according to park standards. The area will be used for a community garden per the Sonju Park Master Plan.		

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 1,200									\$ 1,200
CIP PROJ MANAGEMENT	2,900									2,900
DESIGN / ENGINEERING	-									
LAND	-									
BUILDINGS	-									
IMPROVEMENTS	31,500									31,500
INSPECTION / PERMITS	4,600									4,600
CONTINGENCY	-									
SALES TAX	3,100									3,100
OTHER	-									
TOTAL	\$ 43,300									\$ 43,300

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
UNFUNDED:										
MCI	\$ -									\$ -
TBD	43,300									43,300
TOTAL	\$ 43,300									\$ 43,300

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.XXX
PROJECT	Sonju Outbuilding Demos and Landscape Restoration	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	24728 16th Ave S		

JUSTIFICATION: The existing Sonju property guest house has been boarded up for quite some time, and is attractive to transients and other vandalism activities. A liability to the City, they need to be properly demolished and the debris hauled away. Landscaping will be restored according to park standards.

SCOPE OF WORK: Demolish the guest house, haul away the debris, and restore the landscaping.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.700-05
PROJECT	Marina District Banners and Civic Readerboards	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Kent/Des Moines Road at Pacific Highway, Marina District at MVDS and S. 216th at Activity Center		
DESCRIPTION:	Civic Readerboards and Marina District Banners to improve citizen communications, create a sense of place and promote Des Moines as a destination. Projects to be supported with sponsorships and grants.		

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 610				\$ 610					
CIP PROJ MGT	-									
DESIGN/ENGINEERING	15,000				15,000					
MARINA DISTRICT BANNERS	13,500				13,500					
CIVIC READERBOARDS-3	120,000				120,000					
IMPROVEMENTS										
INSPECTION/PERMITS	2,000				2,000					
CONTINGENCY	-									
SALES TAX	11,400				11,400					
OTHER	-									
TOTAL	\$ 162,510				\$ 162,510					

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
MCI	\$ -				\$ -					
TBD-Outside Funding	162,510				162,510					
TOTAL	\$ 162,510				\$ 162,510					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.700-05
PROJECT	Marina District Banners and Civic Readerboards	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Kent/Des Moines Road at Pacific Highway, Marina District at MVDS and S. 216th at Activity Center		
JUSTIFICATION:	Civic Readerboards and Marina District Banners to improve citizen communications, create a sense of place and promote Des Moines as a destination.		

Scope of Work:

Admin.	\$ 610
Proj. Mgt.	-
Design	15,000
Improvements	130,000
Inspection	2,000
Sales Tax	9,000
Total	<u>\$ 156,610</u>



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.700-XX
PROJECT	Keyless Entry Systems	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	City Hall, Public Works Service Center, and Public Works Engineering		

DESCRIPTION: Install new keyless entry systems at City Hall, Public Works Service Center, and Public Works Engineering buildings.

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 3,200				\$ 3,200					
CIP PROJ MANAGEMENT	4,800				4,800					
DESIGN / ENGINEERING	-									
LAND	-									
BUILDINGS	-									
IMPROVEMENTS	64,000				64,000					
INSPECTION / PERMITS	2,000				2,000					
CONTINGENCY	3,200				3,200					
SALES TAX	6,072				6,072					
OTHER	-									
TOTAL	\$ 83,272				\$ 83,272					

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
UNFUNDED:										
MCI/TBD	\$ 83,272				\$ 83,272					
	-									
TOTAL	\$ 83,272				\$ 83,272					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.700-XX
PROJECT	Keyless Entry Systems	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	City Hall, Public Works Service Center, and Public Works Engineering		
JUSTIFICATION:	Security and keying over the years has become unmanageable. There are too many lost, non-returned, or misplaced keys floating around. We need to re-key the buildings to make them more secure, and prevent unwanted entry.		
SCOPE OF WORK:	Hire a locksmith contractor to install the new keyless entry controllers, associated door hardware and re-key the buildings.		



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.049-01
PROJECT	Activity Center Future Expansion Project	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
LOCATION	2045 South 216th Street	P.S.E. Complete	
DESCRIPTION:	This project includes 7,000 sq. ft. expansion for a fitness room, health room, multi-purpose room, restrooms, storage, and office space for recreation staff.		

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 39,000									\$ 39,000
CIP PROJ MGT 1%	39,000									39,000
DESIGN / ENGINEERING	420,000									420,000
BUILDINGS	2,450,000									2,450,000
IMPROVEMENTS	300,000									300,000
Construction Mgt/Proj Mgt	120,000									120,000
CONTINGENCY	300,000									300,000
SALES TAX	261,250									261,250
OTHER-PERMITS	40,000									40,000
Equipment	50,000									50,000
TOTAL	\$ 4,019,250									\$ 4,019,250

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
MCI	\$ -									\$ -
Bond Proceeds	3,019,250									3,019,250
REET	250,000									250,000
CDBG	500,000									500,000
TBD	250,000									250,000
TOTAL	\$ 4,019,250									\$ 4,019,250

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.049-01
PROJECT	Activity Center Future Expansion Project	PROJECT STATUS:	
		Preliminary Estimate	X
LOCATION	2045 South 216th Street	Plans in Preparation	
		P.S.E. Complete	

JUSTIFICATION:

Activity Center improvements are needed to provide for basic service needs planned for the Community/Senior Center. Senior Services programs are limited due to available space at the existing 7,000 sq. ft. Activity Center. An addition of approximately 7,000 sq. ft will provide space for additional senior services, youth after school and community programs as proposed in the first phase of the Community Center project. It is anticipated that with the remodel of the Activity Center, the Community Center project will not be pursued. Project funding is proposed from Bond proceeds, REET, and CDBG funds.

SCOPE OF WORK:

2018

Design	\$ 420,000
Administration	39,000
PM	39,000
Vestibule Construction	-
Building Construction	2,450,000
Site Improvements	300,000
Construction Mgt.	120,000
Sales Tax	261,250
Contingency	300,000
Permits	40,000
Equipment	50,000
Total Project Costs	<u>\$ 4,019,250</u>



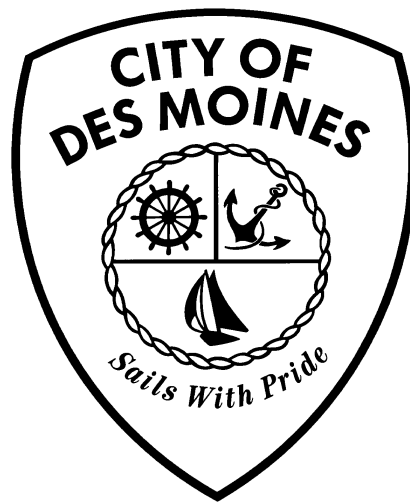
2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.049-01
PROJECT	Activity Center Future Expansion Project	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
LOCATION	2045 South 216th Street	P.S.E. Complete	

Conceptual Artwork for Activity Center







2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.XXX-XX
PROJECT	Midway Park Expansion: Land Acquisition & Development	PROJECT STATUS:	
LOCATION	2900 S. 221st Street	Preliminary Estimate	X
DESCRIPTION:	Park Land Acquisition: Acquisition of two of four lots on west side of park and development of park expansion to West. (See Pacific Ridge Prototype Park.)	Plans in Preparation	
		P.S.E. Complete	

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 10,000									\$ 10,000
PROJECT MANAGER	10,000									10,000
DESIGN/ENG	-									
LAND	1,000,000									1,000,000
BUILDINGS	-									
IMPROVEMENTS	-									
INSPECTION	-									
CONTINGENCY	-									
SALES TAX	-									
OTHER	-									
TOTAL	\$ 1,020,000									\$ 1,020,000

FUNDING SOURCE	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
UNFUNDED:										
TBD	\$ 1,020,000									\$ 1,020,000
Park Fee In Lieu	-									-
TOTAL	\$ 1,020,000									\$ 1,020,000

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.XXX-XX
PROJECT	Midway Park Expansion: Land Acquisition & Development	PROJECT STATUS:	
LOCATION	2900 S. 221st Street	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	

JUSTIFICATION: Land acquisition to expand park to the west and Improvements as identified in the Parks, Recreation and Senior Services Master Plan (Pacific Ridge Prototype Park): park lighting, pathway improvements, picnicking, play area and parking.

SCOPE OF WORK:	Acquisition	\$ 1,000,000
	Midway Park Expansion Improvements:	
	Administration	\$ 13,440
	Proj. Mgt.	15,175
	Design, Engineering, Permits	37,500
	Construction	250,000
	Contingency	25,000
	Sales Tax	22,000
	Permits	10,000
	Total	\$ 1,373,115

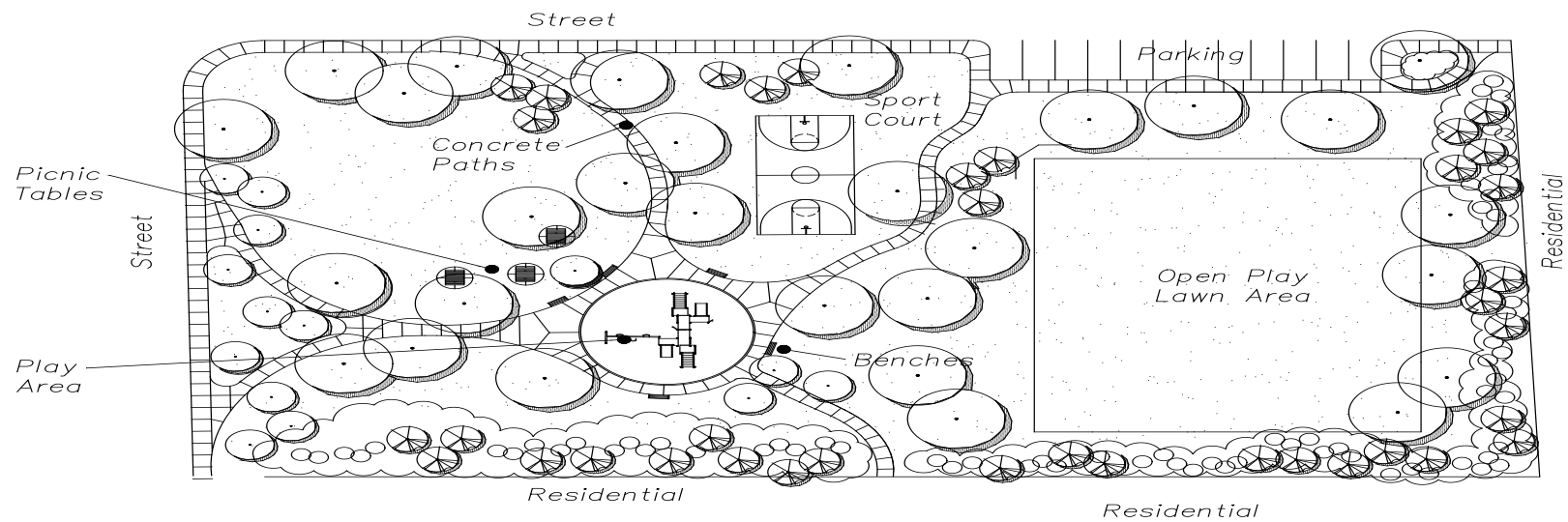


2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.XXX-XX
PROJECT	Midway Park Expansion: Land Acquisition & Development	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
LOCATION	2900 S. 221st Street	P.S.E. Complete	



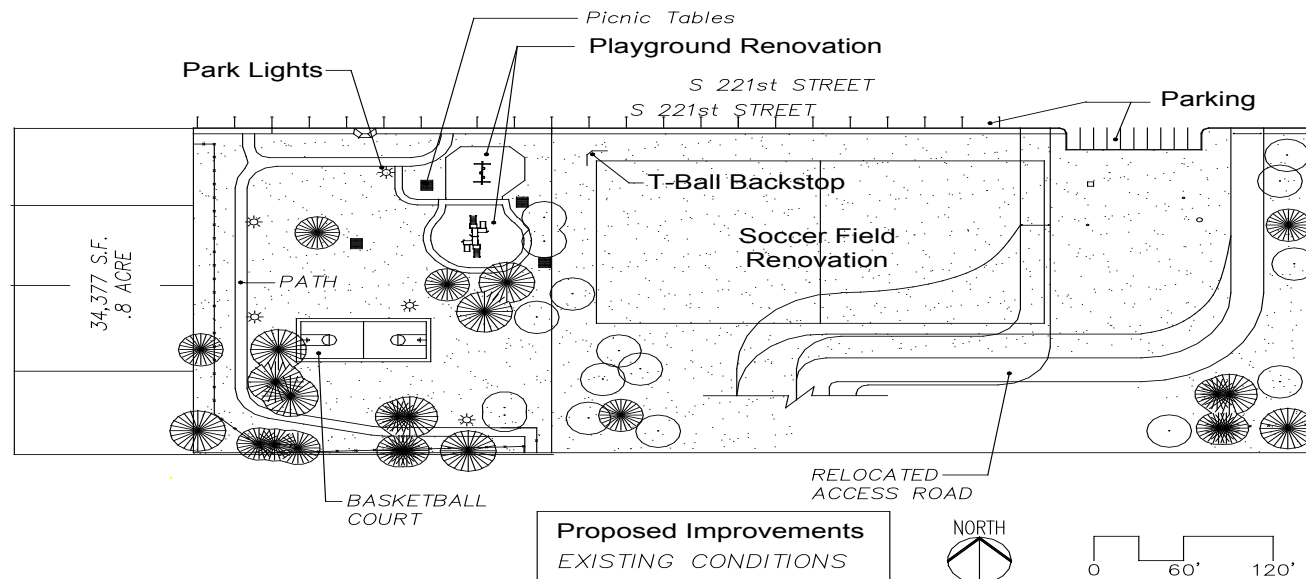


2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.XXX-XX
PROJECT	Midway Park Expansion: Land Acquisition & Development	PROJECT STATUS:	
LOCATION	2900 S. 221st Street	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	





2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.046-XX
PROJECT	Steven J. Underwood Memorial Park	PROJECT STATUS:	
		Preliminary Estimate	X
		Plans in Preparation	
LOCATION	21800 20th Avenue South	P.S.E. Complete	
DESCRIPTION:	Improvements needed to complete Steven J. Underwood Memorial Park: 2017 & beyond - soccer field and field lighting and parking area.		

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 12,500								\$ 12,500	
CIP PROJ MANAGEMENT	12,500								12,500	
DESIGN / ENGINEERING	150,000								150,000	
LAND	-									
BUILDINGS	-									
IMPROVEMENTS	1,000,000								1,000,000	
INSPECTION / PERMITS	50,000								50,000	
CONTINGENCY	98,000								98,000	
SALES TAX	95,000								95,000	
TOTAL	\$ 1,418,000								\$ 1,418,000	

FUNDING SOURCE	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
RCO (unconfirmed)	\$ 500,000								\$ 500,000	
MCI	50,000								50,000	
Contributions	-									
Legacy Foundation	-									
TBD/REET	818,000								818,000	
Park-in-Lieu	50,000								50,000	
TOTAL	\$ 1,418,000								\$ 1,418,000	

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	<u>310.046-XX</u>
PROJECT	Steven J. Underwood Memorial Park	PROJECT STATUS:	
		Preliminary Estimate	<u>X</u>
		Plans in Preparation	
LOCATION	21800 20th Avenue South	P.S.E. Complete	

JUSTIFICATION:

Completion of Steven J. Underwood Memorial Park is a priority one need as identified by the 2010 Parks, Recreation and Senior Services Master Plan to include adequate parking and a field turf soccer field with lights.

SCOPE OF WORK:**2017-beyond**

Administration	\$ 12,500
PM	12,500
Design, Engineering, Permits	150,000
Construction*	1,000,000
Inspection/Permits	50,000
Contingency	98,000
Sales Tax	95,000
Total	<u>\$ 1,418,000</u>



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.XXX
		Project Type:	
		Council Goals met:	
PROJECT	South Des Moines Park Acquisition	Council Objectives met:	
		Project Status	
LOCATION			
DESCRIPTION:	Acquisition of park land to serve the south Des Moines recreational needs identified as a Priority 1 project in the 2010 Parks and Recreation Master Plan.		

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMIN (CITY STAFF)	\$ 20,000									\$ 20,000
CIP PROJ MANAGEMENT	20,000									20,000
DESIGN / ENGINEERING	-									
LAND	2,000,000									2,000,000
BUILDINGS	-									
IMPROVEMENTS	-									
INSPECTION	10,000									10,000
CONTINGENCY	-									
SALES TAX	-									
OTHER	-									
TOTAL	\$ 2,050,000									\$ 2,050,000

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16		FY 18
TBD	\$ 1,000,000									\$ 1,000,000
RCO (unconfirmed)	1,000,000									1,000,000
Impact Fees	50,000									50,000
TOTAL	\$ 2,050,000									\$ 2,050,000

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	310.XXX
		Project Type:	
		Council Goals met:	
PROJECT	South Des Moines Park Acquisition	Council Objectives met:	
		Project Status	
LOCATION			

JUSTIFICATION: South Des Moines has very few active recreational opportunities for citizens. This project proposes acquisition of land for the purpose of developing a community park to serve greater Des Moines and the South Des Moines, Zenith, Woodmont West and Woodmont East and Redondo planning areas.

SCOPE OF WORK: Acquisition of Land.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY General Government

PROJECT Des Moines Beach Park Turf Repair and Irrigation Projects

LOCATION

DESCRIPTION:

Repair meadow and promontory area turf and replace irrigation systems to meet public use demands.

PROJECT NO. _____
PROJECT STATUS: _____
Preliminary Estimate _____
Plans in Preparation _____
P.S.E. Complete _____

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 1,300						\$ 1,300			
CIP PROJ MANAGEMENT	6,500						6,500			
DESIGN / ENGINEERING	-									
SURVEY	-									
BUILDINGS	130,000						130,000			
BERM IMPROVEMENTS	-									
PROJECT ADMIN. (CONST.)	12,350						12,350			
CONTINGENCY	-									
SALES TAX	-									
PERMITS & OTHERS	-									
EQUIPMENT	-									
TOTAL	\$ 150,150						\$ 150,150			

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
REET	\$ -						\$ -			
MCI	-									
TBD	150,150						150,150			
	-									
	-									
	-									
	-									
	-									
	-									
	-									
TOTAL	\$ 150,150						\$ 150,150			

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	_____
		PROJECT STATUS:	_____
		Preliminary Estimate	_____
PROJECT	Des Moines Beach Park Turf Repair and Irrigation Projects	Plans in Preparation	_____
		P.S.E. Complete	_____
LOCATION	_____		

JUSTIFICATION:

Des Moines Beach Park is listed on the State and National Historic Register. Expert analysis was completed in 2004 regarding prioritized and phased rehabilitation of the park's assets. Rehabilitation of the following buildings is proposed: Auditorium (1957), Dining Hall (1934), Picnic Shelter (1924), Sun Home Lodge (1934), Caretaker's Cabin (1935), Workshop/Bath House (1945), and Founder's Lodge (1970). The Sun Home Lodge is in desperate need of life and safety repairs for its continued use as a recreation facility. Funds are not available at this time to provide for the rehabilitation work necessary for public use.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY General Government

PROJECT Des Moines Beach Park (DMBP) Restroom Building Rehabilitation

PROJECT NO. _____

PROJECT STATUS: _____

Preliminary Estimate _____

Plans in Preparation _____

P.S.E. Complete _____

LOCATION

DESCRIPTION:

Rehabilitation of the Restroom includes building a new stem wall, update mechanical, electrical and plumbing systems, fixtures, interior and exterior finishes and drainage.

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL *	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 3,600					\$ 3,600				
CIP PROJ MANAGEMENT	17,829					17,829				
DESIGN / ENGINEERING	53,486					53,486				
SURVEY	-									
BUILDINGS	356,578					356,578				
BERM IMPROVEMENTS	-									
PROJECT ADMIN. (CONST.)	25,616					25,616				
CONTINGENCY	71,316					71,316				
SALES TAX	33,875					33,875				
PERMITS & OTHERS	-									
EQUIPMENT	-									
TOTAL	\$ 562,300					\$ 562,300				

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
TBD	\$ 562,300					\$ 562,300				
Bonds	-									
	-									
	-									
	-									
	-									
	-									
TOTAL	\$ 562,300					\$ 562,300				

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	_____
		PROJECT STATUS:	_____
		Preliminary Estimate	_____
PROJECT	Des Moines Beach Park (DMBP) Restroom Building Rehabilitation	Plans in Preparation	_____
		P.S.E. Complete	_____
LOCATION			

JUSTIFICATION:

Des Moines Beach Park is listed on the State and National Historic Register. Expert analysis was completed in 2004 regarding prioritized and phased rehabilitation of the park's assets. Rehabilitation of the following buildings is proposed: Auditorium (1957), Dining Hall (1934), Picnic Shelter (1924), Sun Home Lodge (1934), Caretaker's Cabin (1935), Workshop/Bath House (1945), and Founder's Lodge (1970). The Sun Home Lodge is in desperate need of life and safety repairs for its continued use as a recreation facility. Funds are not available at this time to provide for the rehabilitation work necessary for public use.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	_____
PROJECT	Des Moines Beach Park Roadway and Parking Overlays	PROJECT STATUS:	_____
LOCATION	22030 Cliff Avenue South	Preliminary Estimate	_____
DESCRIPTION:	Plans in Preparation _____		
	P.S.E. Complete _____		
Repair and overlay the Beach Park roadways damaged due to years of heavy construction use and flooding.			

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 1,750					\$ 1,750				
CIP PROJ MANAGEMENT	8,750					8,750				
DESIGN / ENGINEERING	5,000					5,000				
SURVEY	-									
BUILDINGS	175,000					175,000				
BERM IMPROVEMENTS	-									
PROJECT ADMIN. (CONST.)	5,000					5,000				
CONTINGENCY	15,000					15,000				
SALES TAX	16,625					16,625				
PERMITS & OTHERS	-									
EQUIPMENT	-									
TOTAL	\$ 227,125					\$ 227,125				

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
REET	\$ -					\$ -				
MCI	-									
TBD	227,125					227,125				
Bonds	-									
	-									
	-									
TOTAL	\$ 227,125					\$ 227,125				

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	_____
		PROJECT STATUS:	_____
		Preliminary Estimate	_____
PROJECT	Des Moines Beach Park Roadway and Parking Overlays	Plans in Preparation	_____
		P.S.E. Complete	_____
LOCATION	22030 Cliff Avenue South		

JUSTIFICATION:

Des Moines Beach Park is listed on the State and National Historic Register. Expert analysis was completed in 2004 regarding prioritized and phased rehabilitation of the park's assets. Rehabilitation of the following buildings is proposed: Auditorium (1957), Dining Hall (1934), Picnic Shelter (1924), Sun Home Lodge (1934), Caretaker's Cabin (1935), Workshop/Bath House (1945), and Founder's Lodge (1970). The Sun Home Lodge is in desperate need of life and safety repairs for its continued use as a recreation facility. Funds are not available at this time to provide for the rehabilitation work necessary for public use.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY General Government

PROJECT Des Moines Beach Park Utilities

LOCATION 22030 Cliff Avenue South

PROJECT NO. _____
 PROJECT STATUS: _____
 Preliminary Estimate _____
 Plans in Preparation _____
 P.S.E. Complete _____

DESCRIPTION: Installation of new underground utilities is needed to serve the Des Moines Beach Park Historic District facilities . Work will be completed when funds are available.

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 1,500					\$ 1,500				
CIP PROJ MANAGEMENT	5,500					5,500				
DESIGN / ENGINEERING	5,500					5,500				
SURVEY	2,000					2,000				
IMPROVEMENTS	110,000					110,000				
BERM IMPROVEMENTS	-									
PROJECT ADMIN. (CONST.)	-									
CONTINGENCY/PERMITTING	16,550					16,550				
SALES TAX	10,450					10,450				
PERMITS & OTHERS	-									
EQUIPMENT	-									
TOTAL	\$ 151,500					\$ 151,500				

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
REET	\$ -					\$ -				
MCI	-									
TBD	151,500					151,500				
Bonds	-									
	-									
	-									
	-									
	-									
	-									
TOTAL	\$ 151,500					\$ 151,500				

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	_____
		PROJECT STATUS:	_____
		Preliminary Estimate	_____
PROJECT	Des Moines Beach Park Utilities	Plans in Preparation	_____
		P.S.E. Complete	_____
LOCATION	22030 Cliff Avenue South		

JUSTIFICATION:

Des Moines Beach Park is listed on the State and National Historic Register. Expert analysis was completed in 2004 regarding prioritized and phased rehabilitation of the park's assets. Rehabilitation of the following buildings is proposed: Auditorium (1957), Dining Hall (1934), Picnic Shelter (1924), Sun Home Lodge (1934), Caretaker's Cabin (1935), Workshop/Bath House (1945), and Founder's Lodge (1970). The Sun Home Lodge is in desperate need of life and safety repairs for its continued use as a recreation facility. Funds are not available at this time to provide for the rehabilitation work necessary for public use.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	_____
PROJECT	Des Moines Beach Park Wooden Bridge	PROJECT STATUS:	_____
LOCATION	22030 Cliff Avenue South	Preliminary Estimate	_____
DESCRIPTION:	Replace the wooden bridge that crosses the Des Moines Creek adjacent to the Des Moines Creek Trail Entrance to preserve the historical use of this upland area for day use and a place to go for a picnic.	Plans in Preparation	_____
		P.S.E. Complete	_____

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 300					\$ 300				
CIP PROJ MANAGEMENT	1,500					1,500				
DESIGN / ENGINEERING	2,000					2,000				
SURVEY	1,000					1,000				
BUILDINGS	30,000					30,000				
BERM IMPROVEMENTS	-									
PROJECT ADMIN. (CONST.)	-									
CONTINGENCY/PERMITTING	12,650					12,650				
SALES TAX	2,850					2,850				
PERMITS & OTHERS	-									
EQUIPMENT	-									
TOTAL	\$ 50,300					\$ 50,300				

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
TBD	\$ 50,300					\$ 50,300				
Bonds	-									
	-									
	-									
	-									
	-									
	-									
TOTAL	\$ 50,300					\$ 50,300				

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Municipal Capital Improvement

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	General Government	PROJECT NO.	_____
		PROJECT STATUS:	_____
		Preliminary Estimate	_____
PROJECT	Des Moines Beach Park Wooden Bridge	Plans in Preparation	_____
		P.S.E. Complete	_____
LOCATION	22030 Cliff Avenue South		

JUSTIFICATION:

Des Moines Beach Park is listed on the State and National Historic Register. Expert analysis was completed in 2004 regarding prioritized and phased rehabilitation of the park's assets. Rehabilitation of the following buildings is proposed: Auditorium (1957), Dining Hall (1934), Picnic Shelter (1924), Sun Home Lodge (1934), Caretaker's Cabin (1935), Workshop/Bath House (1945), and Founder's Lodge (1970). The Sun Home Lodge is in desperate need of life and safety repairs for its continued use as a recreation facility. Funds are not available at this time to provide for the rehabilitation work necessary for public use.



City of Des Moines

Transportation

Capital Improvement Projects 2013-2018

Project Locations



Corridor Improvement



Area Improvements



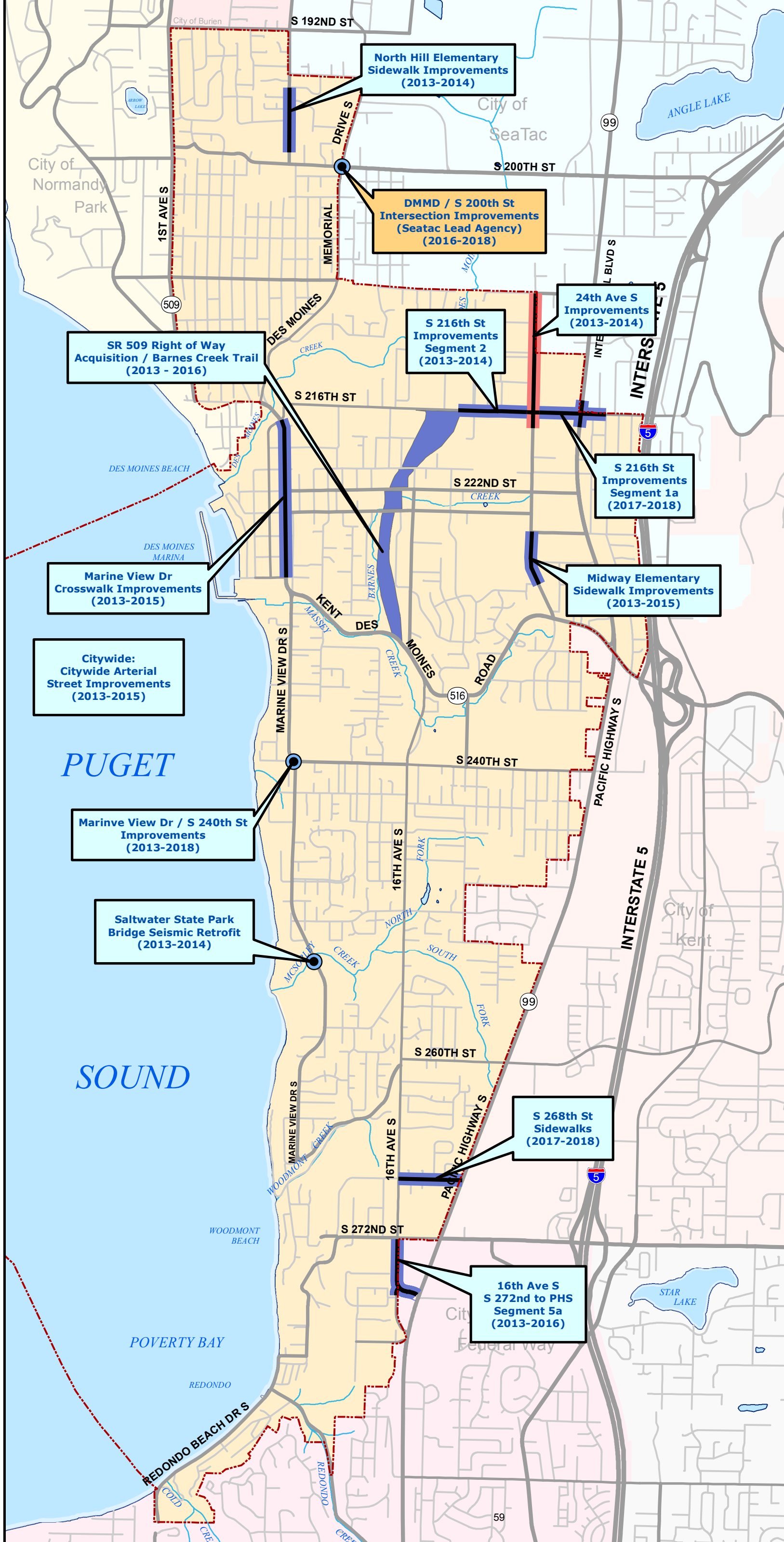
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500 250 0 500 1,000 1,500 2,000 2,500
Scale In Feet



Planning, Building & Public Works

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PHONE: (206) 870-7576 * FAX: (206) 870-6544
WEB: <http://www.desmoineswa.gov>





2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation Impact Fees

	2007	2008	2009 Act	2010 Act	2011 Act	2012 Est	2013	2014	2015	2016	2017	2018
BEGINNING FUND BALANCE	\$ 2,668	\$ 4,253	\$ 4,483	\$ 330,717	\$ 331,915	\$ 333,268	\$ 165,501	\$ 166,501	\$ 167,201	\$ 167,901	\$ 167,901	\$ 168,601
LOCAL REVENUES												
Impact Fees	\$ 314,241	\$ 192,405	\$ 293,791	\$ 31,895	\$ 27,952	\$ 42,048	\$ 172,641	\$ 268,270	\$ 30,000	\$ 50,600	\$ 55,000	\$ 30,000
Impact Fees						11,418						
Impact Fees - Healthpoint						145,578						
Impact Fees - Pac Ridge		326,164	-	-	-	-	-	-	-	-	-	-
Interest Earnings	1,585	231	71	1,198	1,353	1,400	1,000	700	700	700	700	700
Transfer from Transportation CIP Fund			326,163									
TOTAL LOCAL REVENUES	\$ 315,826	\$ 518,800	\$ 620,025	\$ 33,093	\$ 29,305	\$ 200,444	\$ 173,641	\$ 268,970	\$ 30,700	\$ 51,300	\$ 55,700	\$ 30,700
TOTAL REVENUES & FUND BALANCE	\$ 318,494	\$ 523,053	\$ 624,508	\$ 363,810	\$ 361,220	\$ 533,712	\$ 339,142	\$ 435,471	\$ 197,901	\$ 219,201	\$ 223,601	\$ 199,301
EXPENDITURE TRANSFERS												
Transfer to Transportation CIP Fund	\$ 314,241	\$ 518,569	\$ 293,791	\$ 31,895	\$ 27,952	\$ 368,211	\$ 172,641	\$ 268,270	\$ 30,000	\$ 50,600	\$ 55,000	\$ 30,000
TOTAL TRANSFERS	\$ 314,241	\$ 518,569	\$ 293,791	\$ 31,895	\$ 27,952	\$ 368,211	\$ 172,641	\$ 268,270	\$ 30,000	\$ 50,600	\$ 55,000	\$ 30,000
TOTAL EXPENDITURES	\$ 314,241	\$ 518,569	\$ 293,791	\$ 31,895	\$ 27,952	\$ 368,211	\$ 172,641	\$ 268,270	\$ 30,000	\$ 50,600	\$ 55,000	\$ 30,000
ENDING FUND BALANCE	\$ 4,253	\$ 4,484	\$ 330,717	\$ 331,915	\$ 333,268	\$ 165,501	\$ 166,501	\$ 167,201	\$ 167,901	\$ 168,601	\$ 168,601	\$ 169,301
RESERVED FUND BALANCE	\$ 4,253	\$ 4,484	\$ 330,717	\$ 331,915	\$ 333,268	\$ 165,501	\$ 166,501	\$ 167,201	\$ 167,901	\$ 168,601	\$ 168,601	\$ 169,301



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

2013-2018 APPROVED CIP							
	2013	2014	2015	2016	2017	2018	2013 - 2018 6-Year Total
BEGINNING FUND BALANCE	\$ 620,473	\$ 201,724	\$ 177,209	\$ 79,327	\$ 211,331	\$ 216,158	\$ 620,473
LOCAL REVENUES							
Interest Earnings	\$ 4,600	\$ 4,100	\$ 2,400	\$ 1,900	\$ 3,400	\$ 3,000	\$ 19,400
Transfer in from Transportation Impact Fee Fund	172,641	268,270	30,000	50,600	55,000	30,000	606,511
Transfer in from MCI Fund	220,000	285,000	300,000	300,000	300,000	300,000	1,705,000
Transfer in from LID Funds	3,719	3,569	3,419	3,269	-	-	13,975
TOTAL LOCAL REVENUES	\$ 400,960	\$ 560,939	\$ 335,819	\$ 355,769	\$ 358,400	\$ 333,000	\$ 2,344,886
PROJECT REVENUES (SECURED)							
Midway Sewer District	\$ 207,753	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 207,753
Highline Water District	701,622	-	-	-	-	-	701,622
PSE Gas	74,787	-	-	-	-	-	74,787
Comcast	84,938	-	-	-	-	-	84,938
POS D.A. FEES (Confirmed)	3,500,000	-	-	-	-	-	3,500,000
FHWA - STP (Confirmed)	3,000,000	-	-	-	-	-	3,000,000
Highline Water District	S 216th St Impr - Segment 1a (29th to 24th)	-	-	-	39,500	-	39,500
Highline Water District	S 216th St Impr - Segment 2 (18th to 24th)	267,789	-	-	-	-	267,789
Century Link (Qwest)	S 216th St Impr - Segment 2 (18th to 24th)	62,689	-	-	-	-	62,689
Comcast	S 216th St Impr - Segment 2 (18th to 24th)	198,977	-	-	-	-	198,977
King County Metro	S 216th St Impr - Segment 2 (18th to 24th)	20,000	-	-	-	-	20,000
TIB (Confirmed)	S 216th St Impr - Segment 2 (18th to 24th)	4,000,000	-	-	-	-	4,000,000
In-Lieu Fees	S 216th St Impr - Segment 2 (18th to 24th)	2,500,000	-	-	-	-	2,500,000
King County Conservation Grant 2010 (Confirmed)	Barnes Creek Trail/SR 509 ROW	472,034	-	-	-	-	472,034
King County Conservation Grant 2011 (Confirmed)	Barnes Creek Trail/SR 509 ROW	6,843	-	-	-	-	6,843
King County Trail Levy (Confirmed)	Barnes Creek Trail/SR 509 ROW	200,000	-	-	-	-	200,000
CMAQ - Design	Barnes Creek Trail/SR 509 ROW	300,000	80,000	-	-	-	380,000
ASE Program	Traffic Safety Program	210,000	210,000	210,000	210,000	210,000	1,260,000
TOTAL SECURED PROJECT REVENUES	\$ 15,807,432	\$ 290,000	\$ 210,000	\$ 210,000	\$ 249,500	\$ 210,000	\$ 16,976,932
PROJECT REVENUES (UNSECURED)							
Federal STP (Unconfirmed)	S 216th St Impr - Segment 1a (29th to 24th)	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,000,000	\$ 2,500,000
Federal Grant (Unconfirmed)	S 216th St Impr - Segment 1a (29th to 24th)	-	100,000	100,000	175,000	225,000	800,000
TIB (Unconfirmed)	S 216th St Impr - Segment 1a (29th to 24th)	-	-	-	1,200,000	800,000	2,000,000
In-Lieu Fees	S 216th St Impr - Segment 1a (29th to 24th)	-	230,000	430,000	660,000	700,000	2,101,116
BRAC (Unconfirmed)	Saltwater State Park Bridge	510,933	2,326,708	-	-	-	2,837,641
TIB (Unconfirmed)	16th Ave. S. - Segment 5A	-	-	-	300,000	350,000	650,000
In-Lieu Fees	16th Ave. S. - Segment 5A	-	127,600	48,750	385,650	-	562,000
CMAQ - Construction	Barnes Creek Trail/SR 509 ROW	-	-	2,000,000	750,000	-	2,750,000
SRTS (Unconfirmed)	North Hill Elementary - SRTS	-	279,000	-	-	-	279,000
SRTS (Unconfirmed)	Midway Elementary - SRTS	-	412,000	-	-	-	412,000
Masonic Home	Marine View Dr. and S. 240th RAB	-	50,000	-	-	-	50,000
TIB (Unconfirmed)	Marine View Dr. and S. 240th RAB	168,245	674,600	168,664	-	-	1,011,509
TOTAL UNSECURED PROJECT REVENUES	\$ 679,178	\$ 4,199,908	\$ 2,747,414	\$ 2,270,650	\$ 3,975,000	\$ 2,084,116	\$ 15,956,266
TOTAL PROJECT REVENUES	\$ 16,486,610	\$ 4,489,908	\$ 2,957,414	\$ 2,480,650	\$ 4,224,500	\$ 2,294,116	\$ 32,933,198
TOTAL REVENUES & FUND BALANCE	\$ 17,508,043	\$ 5,252,571	\$ 3,470,441	\$ 2,915,746	\$ 4,794,231	\$ 2,843,274	\$ 35,898,557



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

2013-2018 APPROVED CIP								
		2013	2014	2015	2016	2017	2018	2013 - 2018 6-Year Total
PROJECT EXPENDITURES								
	City Proj No.							
Saltwater St Park Bridge Seismic Retrofit	319.326	\$ 510,933	\$ 2,326,708	\$ -	\$ -	\$ -	\$ -	\$ 2,837,641
24th Ave. S. Improvements	DM Transportation Gateway 319.131	7,811,897	-	-	-	-	-	7,811,897
S 216th St Impr - Segment 1a (29th to 24th)	DM Transportation Gateway 319.332	104,117	360,000	560,000	895,000	3,749,860	2,142,542	7,811,519
S 216th St Improvement - Segment 2 (18th to 24th)	DM Transportation Gateway 319.333	6,979,934	-	-	-	-	-	6,979,934
16th Ave South Improvements - Segment 5A	319.205	101,339	127,600	53,750	706,250	375,000	-	1,363,939
Barnes Creek Trail/ SR 509 Right-of-Way Acquisition	319.345	980,000	80,000	2,000,000	750,000	-	-	3,810,000
Traffic Safety Program								
North Hill Elementary - SRTS		94,000	305,000	-	-	-	-	399,000
Midway Elementary - SRTS		94,000	421,000	-	-	-	-	515,000
Marine View Dr. Crosswalk Improvements		120,000	165,000	165,000	-	-	-	450,000
Marine View Dr. and S. 240th RAB		258,838	1,037,870	259,459	-	-	-	1,556,167
S. 268th St. Sidewalks		-	-	-	100,000	200,000	200,000	500,000
Comprehensive Transportation Plan	319.114	-	-	100,000	-	-	-	100,000
TOTAL PROJECT EXPENDITURES		\$ 17,055,058	\$ 4,823,178	\$ 3,138,209	\$ 2,451,250	\$ 4,324,860	\$ 2,342,542	\$ 34,135,097
DEBT SERVICE/OTHER PAYMENTS								
PWTF Loan-Pacific Hwy Construction		25,036	24,918	24,799	24,681	24,563	24,445	148,442
PWTF Loan-DM Transportation Gateway		34,412	34,253	34,093	33,934	33,775	33,615	204,082
2008 Bond Issue Debt Service		191,813	193,013	194,013	194,550	194,875	194,988	1,163,252
TOTAL DEBT SERVICE		\$ 251,261	\$ 252,184	\$ 252,905	\$ 253,165	\$ 253,213	\$ 253,048	\$ 1,515,776
TOTAL EXPENDITURES		\$ 17,306,319	\$ 5,075,362	\$ 3,391,114	\$ 2,704,415	\$ 4,578,073	\$ 2,595,590	\$ 35,650,873
ENDING FUND BALANCE		\$ 201,724	\$ 177,209	\$ 79,327	\$ 211,331	\$ 216,158	\$ 247,684	\$ 247,684
RESERVED FUND BALANCE								
Ashton Construction (LA Fitness) In-lieu Fees	16th Ave. S. - Segment 5A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
King County Levy	Barnes Creek Trail/SR 509 ROW	-	-	-	-	-	-	-
Traffic Safety Program - ASE funds		67,000	62,000	51,205	161,205	171,205	181,205	181,205
TOTAL RESERVED FUND BALANCE		\$ 67,000	\$ 62,000	\$ 51,205	\$ 161,205	\$ 171,205	\$ 181,205	\$ 181,205
UNRESERVED FUND BALANCE		\$ 134,724	\$ 115,209	\$ 28,122	\$ 50,126	\$ 44,953	\$ 66,479	\$ 66,479



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

2013-2018 APPROVED CIP							
	2013	2014	2015	2016	2017	2018	2013 - 2018 6-Year Total
PORTION OF PROJECTS FUNDED BY REMAINING FUND BALANCE							
24th Ave. S. Improvements DM Transportation Gateway	180,749	-	-	-	-	-	180,749
S 216th St Impr - Segment 1a (29th to 24th) DM Transportation Gateway	104,117	25,000	5,000	30,000	55,360	28,426	247,903
S 216th St Improvement - Segment 2 (18th to 24th) DM Transportation Gateway	(89,521)	-	-	-	-	-	(89,521)
Barnes Creek Trail/ SR 509 Right-of-Way Acquisition	1,123	-	-	-	-	-	1,123
PWTF Loan - Pacific Hwy Construction	25,036	24,918	24,799	24,681	24,563	24,445	148,442
PWTF Loan-DM Transportation Gateway	34,412	34,253	34,093	33,934	33,775	33,615	204,082
2008 Bond Issue Debt Service	191,813	193,013	194,013	194,550	194,875	194,988	1,163,252
Marine View Dr. Crosswalk Improvements	20,000	35,000	35,000	-	-	-	90,000
Comprehensive Transportation Plan	-	-	100,000	-	-	-	100,000
TOTAL USE OF FUND BALANCE	\$ 467,729	\$ 312,184	\$ 392,905	\$ 283,165	\$ 308,573	\$ 281,474	\$ 2,046,030
PORTION OF PROJECTS FUNDED BY IN-LIEU FEES							
16th Ave S Improvements - Segment 5A (Unconfirmed)	\$ -	\$ 127,600	\$ 48,750	\$ 385,650	\$ -	\$ -	\$ 562,000
16th Ave S Improvements - Segment 5A (Ashton, rec'd in 2007)	101,339	-	-	-	-	-	101,339
S 216th St Impr - Segment 1a (29th to 24th) (Unconfirmed) DM Transportation Gateway	-	230,000	430,000	660,000	700,000	84,116	2,104,116
S 216th St Impr - Segment 2 (18th to 24th) (Unconfirmed) DM Transportation Gateway	-	-	-	-	-	-	-
TOTAL USE OF IN-LIEU FEES	\$ 101,339	\$ 357,600	\$ 478,750	\$ 1,045,650	\$ 700,000	\$ 84,116	\$ 2,767,455
PORTION OF PROJECTS FUNDED BY IMPACT FEES							
24th Ave. S. Improvements DM Transportation Gateway	\$ 62,048	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,048
S 216th St Impr - Segment 1a (29th to 24th) DM Transportation Gateway	-	5,000	25,000	30,000	30,000	30,000	120,000
S 216th St Improvement - Segment 2 DM Transportation Gateway	20,000	-	-	-	-	-	20,000
16th Ave S Improvements - Segment 5A	-	-	5,000	20,600	25,000	-	50,600
Marine View Drive and S. 240th Street	90,593	263,270	-	-	-	-	353,863
TOTAL USE OF IMPACT FEES	\$ 172,641	\$ 268,270	\$ 30,000	\$ 50,600	\$ 55,000	\$ 30,000	\$ 606,511
PORTION OF PROJECTS FUNDED BY ASE PROGRAM							
North Hill Elementary SRTS	94,000	26,000	-	-	-	-	\$ 120,000
Midway Elementary SRTS	94,000	9,000	-	-	-	-	103,000
MVD & S. 240th RAB	-	50,000	90,795	-	-	-	140,795
MVD Crosswalk Improvements	100,000	130,000	130,000	-	-	-	360,000
S. 268th St. Sidewalks	-	-	-	100,000	200,000	200,000	500,000
TOTAL USE OF ASE FUNDS	\$ 288,000	\$ 215,000	\$ 220,795	\$ 100,000	\$ 200,000	\$ 200,000	\$ 1,830,306



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

2013-2018 APPROVED CIP							
	2013	2014	2015	2016	2017	2018	2013 - 2018 6-Year Total
UNFUNDED PROJECTS							
Pavement Management Program	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000	\$ 8,400,000
Guardrail Program	-	50,000	-	50,000	-	50,000	150,000
Sidewalk Program	50,000	-	50,000	-	-	50,000	150,000
Intelligent Transportation System	65,000	65,000	65,000	65,000	65,000	65,000	390,000
Link Light Rail Coordination and Planning	35,000	35,000	35,000	35,000	35,000	35,000	210,000
Downtown Circulation and Pedestrian Study	200,000	100,000					300,000
Des Moines Memorial Drive and S. 200th Street	85,000	65,000	245,000	-	-	-	395,000
Saltwater Bridge Seismic Retrofit	-	-	-	480,000	3,200,000	-	3,680,000
S 216th Street - Segment 3 (11th to 18th)	-	-	-	50,000	500,000	-	550,000
Redondo Parking Study	80,000	20,000					100,000
Redondo Way Improvements							-
Redondo Boardwalk Repairs	-	360,000	200,000	200,000	200,000	200,000	1,160,000
Neighborhood Traffic Calming Program	50,000	50,000	50,000	50,000	50,000	50,000	300,000
							-
TOTAL UNFUNDED PROJECTS	\$ 1,965,000	\$ 2,145,000	\$ 2,045,000	\$ 2,330,000	\$ 5,450,000	\$ 1,850,000	\$ 15,785,000



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.326
PROJECT	Saltwater State Park Bridge Seismic Retrofit	Project Type:	Restore/rehab
LOCATION	Marine View Drive and S. 252nd St.	Council Goals met:	1, 2
DESCRIPTION:	Repairs and seismic retrofitting of the bridge. Patch and repair spalling areas.	Council Objectives met:	
		Project Status	Adopted

EXPENDITURE SCHEDULE												
COST ELEMENTS	TOTAL*	Prior Years	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMIN (CITY STAFF)	\$ 31,792	\$ 31,792					\$ -	\$ -				
CIP PROJ MANAGEMENT	-											
DESIGN / ENGINEERING	649,370	138,437					510,933					
LAND	-											
BUILDINGS	-											
IMPROVEMENTS	1,965,125							1,965,125				
INSPECTION	282,978							282,978				
CONTINGENCY	78,605							78,605				
SALES TAX	-											
OTHER	-											
TOTAL	\$ 3,007,870	\$ 170,229					\$ 510,933	\$ 2,326,708				

UNFUNDED IMPROVEMENTS	\$ 3,680,000								\$ 480,000	\$ 3,200,000		
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FUNDING SOURCES	TOTAL*	Prior Years	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Arterial Street Fund	\$ 130,980	\$ 130,980					\$ -	\$ -				
STP Funds (Unconfirmed)	-											
Transportation CIP Fund	249	249										
2008 Bond Proceeds	39,000	39,000										
BRAC (Unconfirmed)	2,837,641						510,933	2,326,708				
TOTAL	\$ 3,007,870	\$ 170,229					\$ 510,933	\$ 2,326,708				

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.326
PROJECT	Saltwater State Park Bridge Seismic Retrofit	Project Type:	Restore/rehab
LOCATION	Marine View Drive and S. 252nd St.	Council Goals met:	1, 2
		Council Objectives met:	
		Project Status	Adopted

JUSTIFICATION:

The Saltwater Bridge is one of three bridges that the City owns and maintains. It was built in 1934 and has a span of approximately 570 feet. The bridge needs seismic retrofitting and repairs that have been identified in recent inspections conducted by King County bridge engineers. Both approaches to this bridge recently have experienced subsidence that required emergency repairs. Repairs to the south approach have been completed. Repairs to the north approach are considered to be temporary in nature and were not intended as a permanent solution. The project would replace the pin and hanger system for both suspended sections of the bridge. Surface drainage improvements would also be addressed.

SCOPE OF WORK:

This project includes design, environmental analysis, permit documentation, and preparation of plans, specifications and estimates by a consultant. It also includes construction by a contractor of the feasible improvements. Construction engineering and inspection will be done by a consultant.



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.131-01
PROGRAM	Des Moines Transportation Gateway	Project Type:	Capacity
PROJECT	24th Avenue South Improvement Project	Council Goals met:	1, 2, 3
		Council Objectives met:	
		Project Status	Adopted
LOCATION	24th Avenue South - South 216th Street to South 208th Street		
DESCRIPTION:	Reconstruct roadway to five-lane cross section.		

EXPENDITURE SCHEDULE												
COST ELEMENTS	TOTAL*	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMIN (CITY STAFF)	\$ 166,459	\$ 12,624	\$ 28,835	\$ 37,606	\$ 27,394	\$ 22,394	\$ 60,000					
CIP PROJ MANAGEMENT	20,000				5,000	10,000	15,000					
DESIGN / ENGINEERING	1,009,736	271,036	396,845	207,532	69,323	69,323	65,000					
LAND	392,960			322,460	70,500	85,593						
LAND - Prologis	208,390		208,390									
LAND - Port of Seattle	488,370			488,370								
ROW SERVICES	142,519	56	17,267	54,790	70,406	70,406						
IMPROVEMENTS	4,905,776				-	4,072,686	4,905,776					
INSPECTION	700,000				-	525,000	700,000					
CONTINGENCY	765,000				15,000	275,000	750,000					
Underground PSE Utilities	124,502				-	127,615	124,502					
Comcast	250,000				-	51,948	250,000					
CenturyLink (Qwest)	50,965				-	63,351	50,965					
Midway Sewer	63,950				-	294,116	63,950					
Highline Water District	188,866				-	421,575	188,866					
Miscellaneous	637,838		-		-		637,838					
TOTAL	\$ 10,115,331	\$ 283,716	\$ 651,337	\$ 1,110,758	\$ 257,623	\$ 6,089,007	\$ 7,811,897					

FUNDING SOURCES	TOTAL*	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
PWTF Loan - Design (Confirmed)	\$ 330,000	\$ 247,500	\$ 82,500		\$ -	\$ -	\$ -					
PWTF Loan - Construction (Unconfirmed)							-					
WSDOT Ped & Bike Program (Unconfirmed)							-					
FHWA - STP (Confirmed)	3,000,000						3,000,000					
POS D.A. FEES (Confirmed)	3,500,000				-	1,800,000	3,500,000					
POS ROW Agreement	488,370			488,370								
ROW In-Lieu - Prologis (Received)	208,390		208,390									
IN-LIEU FEES - Prologis (Received)	820,000	36,216	360,447	423,337								
TIB (Unconfirmed)	-				-	3,000,000	-					
Traffic Impact Fees	90,000			27,952	-	32,048	62,048					
Comcast	84,938				-	86,575	84,938					
CenturyLink (Qwest)	-				-	63,351	-					
PSE Gas	74,787				-	74,787	74,787					
Midway Sewer District	207,753				-	324,116	207,753					
Highline Water District	701,622				-	463,575	701,622					
Transportation CIP Fund	609,471		-	171,099	257,623	244,555	180,749					
TOTAL	\$ 10,115,331	\$ 283,716	\$ 651,337	\$ 1,110,758	\$ 257,623	\$ 6,089,007	\$ 7,811,897					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.131-01
PROGRAM	Des Moines Transportation Gateway	Project Type:	Capacity
PROJECT	24th Avenue South Improvement Project	Council Goals met:	1, 2, 3
		Council Objectives met:	
		Project Status	Adopted
LOCATION	24th Avenue South - South 216th Street to South 208th Street		

JUSTIFICATION:

The need for five-lane roadway with pedestrian and bicycle facilities along 24th Avenue South is identified in the City's Comprehensive Transportation Plan and the six-year Transportation Improvement Plan. Numerous development projects are planned along this corridor, including the Des Moines Creek Business Park and aviation logistics facilities in the City of SeaTac. 24th Avenue South is part of a planned corridor connection to a future SR509 interchange via the 24th/28th Avenue alignment planned by the City of SeaTac.

This project includes improvements that will be required when the Des Moines Creek Business Park and other business projects develop. These improvements include, but are not limited to, frontage and access improvements on 24th Avenue South. It is anticipated that in-lieu fees will be collected for these development-related improvements. The in-lieu fees indicated should be considered a place holder, and the actual in-lieu fee amount is subject to change as determined during plan review.

With the development of the Des Moines Creek Business Park and other potential developments in the immediate area, planning and design for the 24th Avenue South corridor cannot be delayed. The City secured a PWTF planning loan to design improvements for this corridor.

SCOPE OF WORK:

An 85% design level estimate of probable costs are included in this budget including revisions to the S. 216th St/24th Avenue S. intersection with roadway transitions and median improvements. A design report (December 2010) includes design recommendations for this project including final engineering, environmental analysis, and permit documents. Preparation of final plans specifications and estimates to be completed by a consultant in March 2011. The project includes construction by a contractor of the following improvements: installation of curbs, gutters, sidewalks, planters, and bicycle lanes on both sides of the street, widening the road with asphalt pavement, installing center medians where feasible, constructing a new street lighting system, undergrounding storm water, overhead communications, and electrical distribution lines. Midway Sewer District may request and fund additional improvements. Right-of-way is scheduled to be acquired and cleared in 2011 allowing construction to proceed in 2012 if funding becomes available. Construction engineering and inspection will be done by a consultant.



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.332
PROGRAM	Des Moines Transportation Gateway	Project Type:	Capacity
PROJECT	South 216th Street Improvement - Segment 1-A (29th to 24th)	Council Goals met:	1, 2, 3
		Council Objectives met:	
		Project Status	Adopted
LOCATION	S. 216th St - 29th Avenue to 24th Avenue South including the Pacific Highway South Intersection		
DESCRIPTION:	Widen roadway to 5 lanes with a continuous left turn lane, bicycle lanes, sidewalks planter strips and U-turn pockets at Pacific Highway S. Formerly S. 216th St, Segment 1 (I-5 to 24th Avenue S), this project is the first of two stages.		

EXPENDITURE SCHEDULE												
COST ELEMENTS	TOTAL*	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMIN (CITY STAFF)	\$ 269,703	\$ 16,235	\$ 17,939	\$ 10,529	\$ 10,000	\$ 25,471	\$ 10,000	\$ 20,000	\$ 20,000	\$ 35,000	\$ 80,000	\$ 50,000
CIP PROJ MANAGEMENT	50,000		-					5,000	5,000	5,000	20,000	15,000
DESIGN / ENGINEERING	794,965	296,604	190,890	138,354	25,000	109,117	84,117	15,000	15,000	15,000	15,000	
LAND	1,700,000							200,000	400,000	600,000	500,000	
ROW SERVICES	510,000							90,000	90,000	180,000	150,000	
IMPROVEMENTS	3,924,530										2,353,000	1,571,530
INSPECTION	490,972										282,360	208,612
CONTINGENCY	610,000				-	25,000	10,000	30,000	30,000	60,000	310,000	170,000
Utility Undergrounding	127,400											127,400
Highline Water District	39,500										39,500	
OTHER	-		-									
TOTAL	\$ 8,517,070	\$ 312,839	\$ 208,829	\$ 148,883	\$ 35,000	\$ 159,588	\$ 104,117	\$ 360,000	\$ 560,000	\$ 895,000	\$ 3,749,860	\$ 2,142,542

FUNDING SOURCES	TOTAL*	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
PWTF Loan (confirmed)	\$ 325,000	\$ 243,750	\$ 67,500	\$ 13,750		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Federal STP (Unconfirmed)	2,500,000										1,500,000	1,000,000
Federal Grant (Unconfirmed)	800,000							100,000	100,000	175,000	225,000	200,000
TRAFFIC IMPACT FEES	120,000							5,000	25,000	30,000	30,000	30,000
IN-LIEU FEES (unconfirmed) 1/4	2,104,116							230,000	430,000	660,000	700,000	84,116
TIB (Unconfirmed)	2,000,000										1,200,000	800,000
Highline Water District	39,500										39,500	
2008 Bond Proceeds	-		13,750	(13,750)								
Transportation CIP Fund	628,454	69,089	127,579	148,883	35,000	159,588	104,117	25,000	5,000	30,000	55,360	28,426
TOTAL	\$ 8,517,070	\$ 312,839	\$ 208,829	\$ 148,883	\$ 35,000	\$ 159,588	\$ 104,117	\$ 360,000	\$ 560,000	\$ 895,000	\$ 3,749,860	\$ 2,142,542

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.332
PROGRAM	Des Moines Transportation Gateway	Project Type:	Capacity
PROJECT	South 216th Street Improvement - Segment 1-A (29th to 24th)	Council Goals met:	1, 2, 3
		Council Objectives met:	
		Project Status	Adopted
LOCATION	S. 216th St - 29th Avenue to 24th Avenue South including the Pacific Highway South Intersection		

JUSTIFICATION:

The need for capacity increases, pedestrian, bicycle and transit facilities along South 216th Street is identified in the City's Comprehensive Transportation Plan and the Six Year Transportation Improvement Plan. South 216th Street has numerous retail and multi-family developments that generate pedestrian and bicycle traffic along the shoulder of the road. Pedestrians use this route to access bus stops, city buildings, and the Pacific Highway Corridor. Given the eventual development of the Des Moines Creek Business Park and other potential developments, additional capacity improvements will be needed to maintain concurrency and support development activity. With pending development in the immediate area, planning and design for the South 216th Street corridor cannot be delayed. Design is funded by a PWTF loan. The City will need to secure "outside" funding sources for right of way acquisition and construction.

A 30% design report (Transportation Gateway Project) was completed in December 2009. The report includes design recommendations for Segment 1, I-5 to 24th Avenue S., described in the 2009 capital budget. Given the lack of foreseeable funding to replace and expand the I-5 overcrossing to 4 lanes, staging is recommended to transition the S. 216th St roadway, bicycle lanes and sidewalk back to the current 3 lane configuration east of 29th Avenue S. Segment 1-B, I-5 to Pacific Highway S., will remain a capital improvement in the long range plan awaiting SR509 funding to replace and widen the I-5 bridge overpass.

SCOPE OF WORK:

An 85% design level estimate of probable right-of-way and construction costs are included herein for Segment 1A. The project includes the following improvements: installation of curbs, gutters and sidewalks on both sides of the street, bicycle lanes, transit stop improvements, planters, widening the road with asphalt pavement to four lanes with a center left turn lane and U-turn pockets at Pacific Highway S., improvements to the existing closed drainage system, pedestrian and street lighting, and undergrounding of overhead communication and electrical distribution wires. The scope includes engineering, environmental analysis, permit documents, and preparation of final plans, specifications and cost estimates by a consultant scheduled to be completed by March, 2011. A right of way plan will be adopted, however, right of way acquisition procedures and construction will not be initiated until outside sources of funding can be secured.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.333
PROGRAM	Des Moines Transportation Gateway	Project Type:	Capacity
PROJECT	South 216th Street Improvement - Segment 2	Council Goals met:	1, 2, 3
		Council Objectives met:	
		Project Status	Adopted
LOCATION	18th Avenue South to 24th Avenue South		
DESCRIPTION:	Widen Roadway to 5 lanes and provide a continuous center turn lane, bike lanes, transit stops, curb, gutter, planters and sidewalks, and a new signalized intersection at 20th Avenue S.		

EXPENDITURE SCHEDULE													
COST ELEMENTS	TOTAL*	FY 08 Act	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMIN (CITY STAFF)	\$ 149,117	\$ 972	\$ 16,027	\$ 17,118	\$ 26,727	\$ 28,273	\$ 28,273	\$ 60,000					
CIP PROJ MANAGEMENT	25,000					10,000	10,000	15,000					
DESIGN / ENGINEERING	755,988	9,471	191,017	284,506	148,237	57,757	57,757	65,000					
LAND	75,572				34,503	41,069	41,069						
LAND - Port of Seattle	254,964				254,964								
LAND - WSDOT (Portion of Seg. 1)	816,000					816,000	816,000						
ROW SERVICES	67,031			12,275	22,109	32,647	32,647						
IMPROVEMENTS	4,827,837		22,470			-	2,821,257	4,805,367					
Alt. Improvements (TIB App.)	-					-	540,000	-					
INSPECTION	650,000					-	504,000	650,000					
CONTINGENCY	703,674					53,674	253,674	650,000					
Underground PSE Utilities	127,825					-	70,490	127,825					
PSE Sch. 74 Coinstruction Agreement	200,000							200,000					
Comcast	75,472					-	35,885	75,472					
CenturyLink (Qwest)	88,481					-	40,510	88,481					
Highline Water District	242,789					-	15,000	242,789					
TOTAL	\$ 9,059,750	\$ 10,443	\$ 229,514	\$ 313,899	\$ 486,540	\$ 1,039,420	\$ 5,266,562	\$ 6,979,934					

FUNDING SOURCES	TOTAL*	FY 08 Act	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
PWTF Loan (confirmed)	\$ 345,000	\$ -	\$ 108,750	\$ -	\$ 236,250	\$ -	\$ -	\$ -					
TRAFFIC IMPACT FEES	20,000					-	10,000	20,000					
POS D.A. FEES (Confirmed)	2,500,000					-	2,000,000	2,500,000					
POS ROW Agreement	254,964				254,964								
LAND - WSDOT (Portion of Seg. 1)	816,000					816,000	816,000						
TIB (Confirmed)	4,000,000					-	1,660,000	4,000,000					
Alt. TIB (Unconfirmed)	-					-	540,000	-					
2008 Bond Proceeds	430,597			309,000		121,597	121,597	-					
King County Metro	20,000							20,000					
Comcast	198,977					-	55,235	198,977					
CenturyLink (Qwest)	62,689					-	40,510	62,689					
Highline Water District	267,789					-	15,000	267,789					
Arterial Street Fund	10,443	10,443											
Transportation CIP Fund	133,291		120,764	4,899	(4,674)	101,823	8,220	(89,521)					
TOTAL	\$ 9,059,750	\$ 10,443	\$ 229,514	\$ 313,899	\$ 486,540	\$ 1,039,420	\$ 5,266,562	\$ 6,979,934					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.333
PROGRAM	Des Moines Transportation Gateway	Project Type:	Capacity
PROJECT	South 216th Street Improvement - Segment 2	Council Goals met:	1, 2, 3
		Council Objectives met:	
		Project Status	Adopted
LOCATION	18th Avenue South to 24th Avenue South		

JUSTIFICATION:

The need for pedestrian and bicycle facilities along South 216th Street is identified in the City's Comprehensive Transportation Plan and the Six Year Transportation Improvement Plan. South 216th Street has numerous multi-family developments, a post office, a senior center, a park and light manufacturing facilities that generate pedestrian and bicycle traffic along the shoulder of the road. Pedestrians use this route to access bus stops, city buildings, and the Pacific Highway Corridor. Roadway widening is needed to increase capacity as well as develop a complete street serving vehicles pedestrians, bicycles and transit.

Improvements will be needed to support the eventual development of the Des Moines Creek Business Park and other potential developments. These improvements include but are not limited to frontage improvements and access improvements consisting of traffic signal control at the intersection of 20th Avenue South and South 216th Street. It is anticipated that in-lieu fees will be collected for these development related improvements. The in-lieu fees indicated should be considered a place holder, and the actual in-lieu fee amount is subject to change as determined during plan review. Improvements of the 24th Avenue S. intersection are included in the 24th Avenue S project: S. 216th St to S. 208th St. The design accommodates a planned transition of the roadway to a 3 lane section east of 20th Avenue S.

With pending developments in the immediate area, planning and design for the South 216th St. corridor cannot be delayed. The City secured a PWTF planning loan to design improvements to this corridor. Final design completed in 2011 and efforts to clear right of way needed for construction of improvements will continue through 2013. Construction will await funding commitments from other sources.

SCOPE OF WORK:

This project includes design, environmental analysis, permit documents, and preparation of plans, specifications and estimates by a consultant. It also includes the acquisition of needed right-of-way or easements. The design report prepared in 2009 ("Transportation Gateway Project") contains a preliminary estimate of probable costs (2009\$'s) presented herein. Final design will include the engineer's final cost estimate. The project includes construction by a contractor of the following improvements: installation of curbs, gutters and sidewalks on both sides of the street, bicycle lanes, transit stop improvements, widening the road with asphalt pavement to four lanes with a center left turn lane, improvements to the existing open and closed drainage system, pedestrian and street lighting, installation of planters and undergrounding of overhead wires. Construction engineering and inspection will be done by a consultant. Work to begin acquiring right of way will begin in 2010 and continue through 2011. Construction of this project is anticipated to occur between the year 2012 & 2013, but could be expedited depending on the build out of the business park.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.205
PROJECT	16th Avenue South Improvement - Segment 5A	Project Type:	Improvement
		Council Goals met:	2
		Council Objectives met:	
LOCATION	South 272nd Street to approximately 1000 feet south of South 272nd Street	Project Status	Adopted
DESCRIPTION:	Install curbs, gutters, sidewalks, enclosed drainage system, and bike lanes along both sides of the street. Improve the existing lighting, and install left turn lanes.		

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMIN (CITY STAFF)	\$ 76,500			\$ 17,500	\$ 17,500	\$ 5,000	\$ 16,500	\$ 12,500	\$ 15,000	\$ 10,000	
CIP PROJECT MGMNT	4,939					1,339	1,100	1,250	1,250		
DESIGN / ENGINEERING	215,000			10,000	10,000	95,000	110,000				
LAND	40,000							40,000			
BUILDINGS	-										
IMPROVEMENTS	910,000								600,000	310,000	
INSPECTION	45,000								25,000	20,000	
CONTINGENCY	100,000								65,000	35,000	
OTHER	-										
TOTAL	\$ 1,391,439			\$ 27,500	\$ 27,500	\$ 101,339	\$ 127,600	\$ 53,750	\$ 706,250	\$ 375,000	

FUNDING SOURCES	TOTAL	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
TRAFFIC IMPACT FEES	\$ 50,600			\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 20,600	\$ 25,000	
IN-LIEU FEES (unconfirmed)	562,000			-	-	-	127,600	48,750	385,650		
In-Lieu Ashton (Received)	128,839			27,500	27,500	101,339	-				
TIB (Unconfirmed)	650,000								300,000	350,000	
Transportation CIP Fund	-								-	-	
TOTAL	\$ 1,391,439			\$ 27,500	\$ 27,500	\$ 101,339	\$ 127,600	\$ 53,750	\$ 706,250	\$ 375,000	

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.205
PROJECT	16th Avenue South Improvement - Segment 5A	Project Type:	Improvement
		Council Goals met:	2
		Council Objectives met:	
LOCATION	South 272nd Street to approximately 1000 feet south of South 272nd Street	Project Status	Adopted

JUSTIFICATION:

The need for pedestrian facilities along 16th Avenue South is identified in the City's Comprehensive Transportation Plan and the Six Year Transportation Improvement Plan. The 16th Avenue South corridor has numerous single-family developments that generate pedestrian traffic along the shoulder of the road. This corridor is used to access schools, parks, churches and shopping areas. 16th Avenue is currently classified as a principal arterial and is identified as a pedestrian walkway route. Future growth along this important corridor will highlight the need for separated pedestrian facilities. This project also improves mobility and safety by adding left turn lanes and improving street lighting.

The costs indicated in this worksheet reflect overhead utilities. Undergrounding of existing utilities would increase the cost dramatically. This project will be coordinated with Segment 5B

SCOPE OF WORK:

This project includes consultant design and development of plans, specifications and estimates for the described work. It also includes the acquisition of any needed right-of-way or easements. Construction will be done by contractor and will include installation of curbs, gutters, sidewalks, planters, enclosed drainage system, retaining walls, a left turn lane, and bicycle lanes. Construction engineering and inspection will be provided by a consultant.



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.345
PROJECT	Barnes Creek Trail/ SR 509 Right-of-Way Acquisition	Project Type:	
		Council Goals met:	2, 4, 5, 10
		Council Objectives met:	
		Project Status	Design

LOCATION	SR 509 Right-of-Way from South 216th Street to Kent Des Moines Road
DESCRIPTION:	Based on the results of the SR 509 highest and best use study, work with the WSDOT to acquire the right of way. The cost to acquire the property is not included in this project.

EXPENDITURE SCHEDULE											
COST ELEMENTS	TOTAL	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMIN (CITY STAFF)	\$ 99,446	\$ 16,289	\$ 3,157	\$ 20,000	\$ 46,843	\$ 30,000	\$ 30,000	\$ -	\$ -		
CIP PROJ MANAGEMENT	-										
DESIGN / ENGINEERING	305,000			55,000	45,000	200,000	50,000				
SURVEYS/APPRAISALS/CULTURAL RESOURCES	200,000			50,000	50,000	150,000					
LAND	600,000				675,000	600,000					
LAND - WSDOT (Portion of Seg. 1)	1,360,000			1,360,000	1,360,000						
BUILDINGS	-										
IMPROVEMENTS	2,750,000							2,000,000	750,000		
INSPECTION	-										
CONTINGENCY	-					-					
OTHER - WSDOT, etc	15,000			15,000	30,000						
TOTAL	\$ 5,329,446	\$ 16,289	\$ 3,157	\$ 1,500,000	\$ 2,206,843	\$ 980,000	\$ 80,000	\$ 2,000,000	\$ 750,000		

FUNDING SOURCES	TOTAL	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Transportation CIP Fund	\$ 17,412	\$ 16,289	\$ (96,843)	\$ 96,843	\$ 96,843	\$ 1,123	\$ -	\$ -	\$ -		
RCO (unconfirmed)	-				-	-					
LAND - WSDOT (Portion of Seg. 1)	1,360,000			1,360,000	1,360,000						
King County Conservation Grant 2010 (Confirmed)	472,034			-	500,000	472,034					
King County Conservation Grant 2011 (Confirmed)	50,000			43,157	50,000	6,843					
King County Conservation Grant (Unconfirmed)	-										
King County Trail Levy (Confirmed trail)	300,000		100,000	-	200,000	200,000					
CMAQ-Design (Confirmed)	380,000					300,000	80,000				
CMAQ-Construction (Unconfirmed)	2,750,000							2,000,000	\$ 750,000		
TOTAL	\$ 5,329,446	\$ 16,289	\$ 3,157	\$ 1,500,000	\$ 2,206,843	\$ 980,000	\$ 80,000	\$ 2,000,000	\$ 750,000		

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.345
PROJECT	Barnes Creek Trail/ SR 509 Right-of-Way Acquisition	Project Type:	
		Council Goals met:	2, 4, 5, 10
		Council Objectives met:	
		Project Status	Design
LOCATION	SR 509 Right-of-Way from South 216th Street to Kent Des Moines Road		

JUSTIFICATION:

The need for extension of roadways, the Barnes Creek Trail, storm water improvements and other public facilities along the Historic SR509 right of way between Kent Des Moines Road and S. 216th Street is identified in the City of Des Moines Comprehensive Transportation Plan, 2009 and the City of Des Moines Highest and Best Use Analysis of the Historic SR 509 Corridor, 2009. The analysis divided the corridor into three segments assessing the City's future needs. This right of way is owned by the Washington State Department of Transportation. The City made a request for this right of way in April, 2009 and was advised by Washington State Secretary of Transportation of the application process required to secure these rights of way.

SCOPE OF WORK:

This project includes development of one or more applications to secure said right of way including justification. The justification will identify those elements that clearly serve roadway purposes, definition of the trail footprint area and identification of the public uses. Staff will develop a consultant scope(s) of work to assist the City in preparing application(s) as well as negotiate with the State Department of Transportation to surplus or secure the City's interest in this corridor. While the right of way may be dedicated without fee for highway purposes; trails and other public purposes that are not deemed to directly benefit drivers may require a fee or leasehold agreement(s). Recommendations for acceptance of right of way will be presented to Council following the application and negotiation process.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.602
PROJECT	North Hill Elementary School - Safe Routes to School	Project Type:	Improvement
LOCATION	8th Ave. S. - South 19800 block and South 194th Street	Council Goals met:	
DESCRIPTION:	Install sidewalk, widened shoulder, flashing beacons and sign assembly's for school zone.	Council Objectives met:	
		Project Status	

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMIN (CITY STAFF)	\$ -				\$ -	\$ -				
CIP PROJ MANAGEMENT	19,000				19,000					
DESIGN / ENGINEERING	60,000				60,000					
LAND	15,000				15,000					
BUILDINGS	-									
IMPROVEMENTS	280,000				-	280,000				
INSPECTION	-									
CONTINGENCY	25,000				-	25,000				
UTILITY UNDERGROUNDING	-									
OTHER - PERMIT	-									
TOTAL	\$ 399,000				\$ 94,000	\$ 305,000				

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
WSDOT SRTS Grant (Unconfirmed)	\$ 279,000				\$ -	\$ 279,000				
Traffic Safety Program	120,000				94,000	26,000				
	-									
TOTAL	\$ 399,000				\$ 94,000	\$ 305,000				



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.602
PROJECT	North Hill Elementary School - Safe Routes to School	Project Type:	Improvement
LOCATION	8th Ave. S. - South 19800 block and South 194th Street	Council Goals met:	
		Council Objectives met:	
		Project Status	

JUSTIFICATION:

North Hill Elementary is located on 8th Avenue South which is classified as collector arterial. 8th Avenue South is a two-lane roadway with 10.5 foot travel lanes, narrow shoulders, and open drainage on both sides of the street. Students who live on the east side of 8th Ave South currently have to travel along the narrow shoulder adjacent to the open ditch and/or cross at a marked crosswalk that is not provided a crossing guard. There are two sections of existing sidewalk, one on each side in the vicinity of the school. Both of these installations were installed as developer frontage improvements. During afternoon school pick-up times, there is significant congestion created by parents waiting to pick up students. So much so that queues form for both northbound and southbound 8th Ave South at the school driveway. Operational concerns, such as vehicles passing on the shoulder, has occurred northbound. The City recently installed a sign to discourage this.

SCOPE OF WORK:

The project involves in-house design using existing City staff in the development of plans, specifications, and estimates for the described work.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.602
PROJECT	Midway Elementary - Safe Routes to School	Project Type:	Improvement
LOCATION	24th Ave. S. between South 224th St. and South 226th St.	Council Goals met:	
DESCRIPTION:	Install sidewalk, widened shoulders, overhead school crossing sign for school crossing.	Council Objectives met:	
		Project Status	

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMIN (CITY STAFF)	\$ -				\$ -	\$ -				
CIP PROJ MANAGEMENT	19,000				19,000					
DESIGN / ENGINEERING	60,000				60,000					
LAND	15,000				15,000					
BUILDINGS	-									
IMPROVEMENTS	396,000					396,000				
INSPECTION	-									
CONTINGENCY	25,000					25,000				
UTILITY UNDERGROUNDING	-									
OTHER - PERMIT	-									
TOTAL	\$ 515,000				\$ 94,000	\$ 421,000				

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
WSDOT SRTS Grant (Unconfirmed)	\$ 412,000				\$ -	\$ 412,000				
Traffic Safety Program	103,000				94,000	9,000				
	-									
TOTAL	\$ 515,000				\$ 94,000	\$ 421,000				



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.602
PROJECT	Midway Elementary - Safe Routes to School	Project Type:	Improvement
LOCATION	24th Ave. S. between South 224th St. and South 226th St.	Council Goals met:	
		Council Objectives met:	
		Project Status	

JUSTIFICATION: Midway Elementary is located on 24th Avenue South which is classified as collector arterial (Federal Aide Route # 1057). 24th Avenue South is a two-lane roadway with 11 foot travel lanes, ADT of roughly 6,200, and generally consists of narrow shoulders and open drainage on both sides of the street. There is some sidewalk on the west side of 24th Ave South along the school frontage which matches into older existing sidewalk to the north and the south. School children that live on the north and south sides of S. 224th Street east of 24th Ave South currently use the narrow shoulder on the east side of 24th Ave South adjacent to the deep open drainage ditches in order to access the marked school crosswalk. There is an existing Metro bus stop on the east side of 24th Ave S just north of S. 226th St. There are two marked school crosswalks (one at S. 226th St and one mid-block near the school entrance). The school provides crossing guards during arrival and dismissal times.

SCOPE OF WORK: The project involves in-house design using existing City staff in the development of plans, specifications, and estimates for the described work.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	
PROJECT	Marine View Drive Crosswalk Improvements	Project Type:	Improvement
LOCATION	Marine View Drive in the Downtown	Council Goals met:	
DESCRIPTION:	Install signing and Rectangular Rapid Flashing Beacons and overhead crossing signs.	Council Objectives met:	
		Project Status	

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMIN (CITY STAFF)	\$ 20,000		\$ 20,000		\$ -	\$ -	\$ -			
CIP PROJ MANAGEMENT	-									
DESIGN / ENGINEERING	35,000		35,000							
LAND	-									
BUILDINGS	-									
IMPROVEMENTS	350,000				100,000	125,000	125,000			
INSPECTION	50,000				10,000	20,000	20,000			
CONTINGENCY	50,000				10,000	20,000	20,000			
UTILITY UNDERGROUNDING	-									
OTHER - PERMIT	-									
TOTAL	\$ 505,000		\$ 55,000		\$ 120,000	\$ 165,000	\$ 165,000			

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Traffic Safety Program	\$ 415,000		\$ 55,000		\$ 100,000	\$ 130,000	\$ 130,000			
Transportation CIP Fund	90,000				20,000	35,000	35,000			
TOTAL	\$ 505,000		\$ 55,000		\$ 120,000	\$ 165,000	\$ 165,000			



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	
PROJECT	Marine View Drive Crosswalk Improvements	Project Type:	Improvement
LOCATION	Marine View Drive in the Downtown	Council Goals met:	
		Council Objectives met:	
		Project Status	

JUSTIFICATION: The existing unsignalized crosswalks on Marine View Drive would be enhanced with pedestrian actuated flashers. National studies have shown vehicle yield compliance increases to above 80% when actuated flashing warning lights are used. The City has received concerns that vehicles yielding to pedestrians in the crosswalks is too low.

SCOPE OF WORK: The project involves in-house design using existing City staff in the development of plans, specifications, and estimates for the described work.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	
PROJECT	Marine View Drive and S. 240th Street Roundabout	Project Type:	Improvement
LOCATION	Marine View Drive and South 240th Street Intersection	Council Goals met:	
DESCRIPTION:	Realign intersection and install Roundabout	Council Objectives met:	
		Project Status	

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMIN (CITY STAFF)	\$ -				\$ -	\$ -	\$ -			
CIP PROJ MANAGEMENT	-									
DESIGN / ENGINEERING	152,398				152,398	-				
LAND	106,440				106,440	-				
BUILDINGS	-									
IMPROVEMENTS	1,122,959					898,370	224,589			
INSPECTION	174,370					139,500	34,870			
CONTINGENCY	-									
UTILITY UNDERGROUNDING	-									
OTHER - PERMIT	-									
TOTAL	\$ 1,556,167				\$ 258,838	\$ 1,037,870	\$ 259,459			

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
TIB	\$ 1,011,509				\$ 168,245	\$ 674,600	\$ 168,664			
Traffic Safety Program	140,795				-	50,000	90,795			
Traffic Impact Fees	353,863				90,593	263,270				
Masonic Retirement Center	50,000					50,000				
Transportation CIP Fund	-				-					
TOTAL	\$ 1,556,167				\$ 258,838	\$ 1,037,870	\$ 259,459			



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	_____
PROJECT	Marine View Drive and S. 240th Street Roundabout	Project Type:	<u>Improvement</u>
LOCATION	Marine View Drive and South 240th Street Intersection	Council Goals met:	_____
		Council Objectives met:	_____
		Project Status	_____

JUSTIFICATION: The project will install a modern round-a-bout at this intersection which will reduce crash severity for all users, allowing safer mergers into circulating traffic, and provide more perception time for all users due to the lower vehicle speeds. There will be fewer overall conflict points and no left-turn conflicts. An environmental benefit minimizes delays with infrequent stops being required during off-peak periods. The improvement will provide an opportunity for pedestrian crossings of Marine View Drive under slower vehicle speed conditions. The circular island provides an opportunity for landscaping and/or gateway feature to enhance the community.

SCOPE OF WORK: The project involves in-house design using existing City staff in the development of plans, specifications, and estimates for the described work.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.603
PROJECT	Traffic Safety Program	Project Type:	Improve
LOCATION	Citywide	Council Goals met:	1, 2, 3
		Council Objectives met:	
		Project Status	New

DESCRIPTION: This program provides for the construction of various citywide roadway safety-related capital improvements as identified through engineering analysis.

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
North Hill Elementary SRTS	\$ 120,000		\$ -	\$ -	\$ 94,000	\$ 26,000	\$ -	\$ -	\$ -	\$ -
Midway Elementary SRTS	103,000		-	-	94,000	9,000	-	-	-	-
MVD & S. 240th RAB	140,795		-	-	-	50,000	90,795	-	-	-
MVD Crosswalk Improvements	415,000		55,000	-	100,000	130,000	130,000	-	-	-
DMMD and 200th	-						-	-		
Driver Feedback Signs	-					-	-	-	-	-
S. 268th St. Sidewalks	500,000					-	-	100,000	200,000	200,000
	-									
	-									
TOTAL	\$ 1,278,795		\$ 55,000	\$ -	\$ 288,000	\$ 215,000	\$ 220,795	\$ 100,000	\$ 200,000	\$ 200,000

FUNDING SOURCES	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ASE Program	\$ 1,460,000		\$ 200,000	\$ 300,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000
WTSC Grant (Unconfirmed)	-		-	7,500		-		-		
	-									
	-									
TOTAL	\$ 1,460,000		\$ 200,000	\$ 307,500	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000

RESERVED BALANCE	838,820		\$ 145,000	\$ -	\$ 67,000	\$ 62,000	\$ 51,205	\$ 161,205	\$ 171,205	\$ 181,205
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*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.603
PROJECT	Traffic Safety Program	Project Type:	Improve
LOCATION	Citywide	Council Goals met:	1, 2, 3
		Council Objectives met:	
		Project Status	New

JUSTIFICATION: Roadway safety needs are identified through engineering analysis and investigation by the Transportation Division. This program provides for the construction of spot safety improvements within a relatively short response time. Examples of the types of projects that are indicative of this program are pedestrian crosswalk improvements, radar speed signs, school zone flashing beacons, sidewalks in locations near schools. Other safety projects may also be considered.

The table below provides some initial potential safety project information.

Improvement Type	Description	Potential Locations	Cost
Crosswalk improvements	Improve mid-block crosswalk safety by adding overhead signing/lighting/ped actuated flashing beacons	MVD/S. 219th MVD/S. 220th St MVD/S. 226th St.	\$50,000 - \$60,000 per location
Driver speed feedback signs	Permanent radar speed signs which show vehicle speed along with the posted speed limit	Redondo Beach Dr Redondo Way S 20th Ave S	\$15,000 - \$20,000 per location
Sidewalk	Install sidewalks in missing sections consistent with the ultimate cross-section for desired roadway	S. 268th St - 16th Ave S to 19th Ave S 24th Ave S - S. 222nd St to S. 226th St S. 200th St - 8th Ave S to east City limits 11th Ave S - S. 219th St to S. 220th St	To Be Determined
School Zone Flashing Beacons	Install flashing beacons within school zones per engineering analysis	To Be Determined	\$20,000 - \$50,000 per school zone.
Other	As determined by engineering analysis	To Be Determined	To Be Determined

SCOPE OF WORK: Design and prepare plans for, and construct and inspect projects for the installation of traffic safety improvement projects. Design and construction may be prepared by City staff, interlocal agreement with another local agency or county government, or by consultant, depending on staff availability and the complexity of the installation.



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Transportation	PROJECT NO.	319.114
PROJECT	Comprehensive Transportation Plan Update	Project Type:	
LOCATION	City Wide	Council Goals met:	2, 3, 5
		Council Objectives met:	
		Project Status	Planning
DESCRIPTION:	Update the City's Comprehensive Transportation Plan.		

EXPENDITURE SCHEDULE														
COST ELEMENTS	TOTAL*	FY 07 Act	FY 08 Act	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMIN (CITY STAFF)	\$ 93,153	\$ 6,802	\$ 28,059	\$ 37,702	\$ 590						\$ 20,000			
CIP PROJ MANAGEMENT														
DESIGN / ENGINEERING	318,894		129,597	104,695	4,602						80,000			
LAND														
BUILDINGS														
IMPROVEMENTS														
INSPECTION														
CONTINGENCY														
SALES TAX														
OTHER (Turning Movement Counts)														
TOTAL	\$ 412,047	\$ 6,802	\$ 157,656	\$ 142,397	\$ 5,192						\$ 100,000			

FUNDING SOURCES	TOTAL*	FY 07 Act	FY 08 Act	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Arterial Street Fund	\$ 164,458	\$ 6,802	\$ 157,656	\$ -	\$ -						\$ -			
Transportation CIP Fund	117,589			12,397	5,192						100,000			
2008 Bond Proceeds	130,000			130,000										
TOTAL	\$ 412,047	\$ 6,802	\$ 157,656	\$ 142,397	\$ 5,192						\$ 100,000			

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN Transportation CIP Fund

CAPITAL IMPROVEMENT PLAN REQUEST FORM			
CATEGORY	Transportation	PROJECT NO.	319.114
PROJECT	Comprehensive Transportation Plan Update	Project Type:	
		Council Goals met:	2, 3, 5
		Council Objectives met:	
LOCATION	City Wide	Project Status	Planning

JUSTIFICATION: The Comprehensive Transportation Plan (CTP) is a long-range planning document. This document is referenced in the Transportation Element of the City's Comprehensive Plan. Cities are required to adopt and maintain a CTP by the Growth Management Act (GMA). The existing CTP is an update that was adopted in December of 2001. At that time, the document was an update of the original CTP that was prepared in 1992 & 1993. Much of the data used in the update of the CTP was from 1996 - 1998. The GMA requires that the City have a CTP that address transportation issues a minimum of ten years in the future. The analysis in the current CTP looked at transportation needs out to the year 2020 using traffic volumes from 1996 and 1998 - data that now are ten years old.

Therefore, it is time once again to review the City's comprehensive transportation needs.

The study and preparation of the CTP will assure that all major transportation needs have been identified. This includes all modes of transportation; pedestrian, bicycle, vehicle, freight, and transit - including Metro buses and Sound Transit Light Rail. This document is an essential tool for responsible transportation planning, for establishment of policy, and for providing decision making guidance on prioritizing the City's transportation improvement needs, which will cost millions of dollars.

SCOPE OF WORK: A significant amount of the work was completed in 2008. The final CTP was brought before full Council for adoption in early 2009.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

MARINA

		2013 - 2018 APPROVED CIP						2013-2018 6 - YEAR TOTAL
		2013	2014	2015	2016	2017	2018	
BEGINNING FUND BALANCE		\$ 227,295	\$ 5,241	\$ 14,541	\$ 34,641	\$ 55,041	\$ 75,841	\$ 227,295
LOCAL REVENUES								
Interest Earnings		\$ 1,300	\$ 1,200	\$ 100	\$ 400	\$ 800	\$ 1,300	\$ 5,100
Transfer from Depr & Imprv Fund - 2002 Bonds								-
Transfer from Marina Revenue Fund (Capital Contributions)		-	30,000	20,000	20,000	20,000	20,000	110,000
Transfer From Marina Revenue Fund (Debt Service)		483,036	514,036	513,436	511,749	514,636	511,886	3,048,779
TOTAL LOCAL REVENUES		\$ 484,336	\$ 545,236	\$ 533,536	\$ 532,149	\$ 535,436	\$ 533,186	\$ 3,163,879
TOTAL REVENUES & FUND BALANCE		\$ 711,631	\$ 550,477	\$ 548,077	\$ 566,790	\$ 590,477	\$ 609,027	\$ 3,391,174
PROJECT EXPENDITURES	Proj No.							
Small Improvements								-
Security Camera Project	440.63.01	\$ 29,218	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,218
Miscellaneous Marina								
Small Moorage Docks Reconfiguration	406.442	2,500	-	-	-	-	-	2,500
Redondo Ramp Boarding Floats	406.447	21,635	21,900	-	-	-	-	43,535
Fishing Pier Renovations	406.448	2,500	-	-	-	-	-	2,500
New Breakwater	406.449	2,500	-	-	-	-	-	2,500
Timber Breakwater Removal	406.450	2,500	-	-	-	-	-	2,500
Activity Float Shelter	440.63.11	32,500	-	-	-	-	-	32,500
Off-site Storage Yard		30,000						30,000
Site Management Project		100,000						100,000
TOTAL PROJECT EXPENDITURES		\$ 223,353	\$ 21,900	\$ -	\$ -	\$ -	\$ -	\$ 245,253
DEBT SERVICE EXPENSES								
Debt Service #1: 2002 Bond Issue (2012 Paid out of Fund 401)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service #2: 2008 Bond Issue		483,036	514,036	513,436	511,749	514,636	511,886	3,048,779
TOTAL DEBT EXPENSES		\$ 483,036	\$ 514,036	\$ 513,436	\$ 511,749	\$ 514,636	\$ 511,886	\$ 3,048,779
TOTAL EXPENDITURES		\$ 706,389	\$ 535,936	\$ 513,436	\$ 511,749	\$ 514,636	\$ 511,886	\$ 3,294,032
ENDING FUND BALANCE		\$ 5,241	\$ 14,541	\$ 34,641	\$ 55,041	\$ 75,841	\$ 97,141	\$ 97,141
Reserved for Bond Proceeds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
UNRESERVED FUND BALANCE		\$ 5,241	\$ 14,541	\$ 34,641	\$ 55,041	\$ 75,841	\$ 97,141	\$ 97,141



2013 - 2018 CAPITAL IMPROVEMENT PLAN

MARINA

2013 - 2018 APPROVED CIP							
	2013	2014	2015	2016	2017	2018	2013-2018 6 - YEAR TOTAL
PORTION OF PROJECTS FUNDED BY FUND BALANCE							
Small Improvements							
Security Camera Project	\$ 29,218	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,218
Miscellaneous Marina							
Fishing Pier Renovations	2,500	-	-	-	-	-	2,500
New Breakwater	2,500	-	-	-	-	-	2,500
Small Moorage Docks Reconfiguration	2,500	-	-	-	-	-	2,500
Redondo Ramp Boarding Floats	21,635	21,900	-	-	-	-	43,535
Activity Float Shelter	32,500	-	-	-	-	-	32,500
Off-site Storage Yard	30,000	-	-	-	-	-	30,000
Site Management Project	100,000	-	-	-	-	-	100,000
Timber Breakwater Removal	2,500	-	-	-	-	-	2,500
Debt Service Payments							
Debt Service #1: 2002 Bond Issue	-	-	-	-	-	-	-
Debt Service #2: 2008 Bond Issue	483,036	514,036	513,436	511,749	514,636	511,886	3,048,779
Transfer to Depr & Imprv Fund - 2008 Bonds	-	-	-	-	-	-	-
TOTAL USE OF FUND BALANCE	\$ 706,389	\$ 535,936	\$ 513,436	\$ 511,749	\$ 514,636	\$ 511,886	\$ 3,294,032



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	440.63.01
PROGRAM	Small Improvements	PROJECT STATUS:	
PROJECT	Security Camera Project	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Docks & Parking Lots		
DESCRIPTION:	This project would provide for the installation of four more security cameras in the Marina.		

EXPENDITURE SCHEDULE											
COST ELEMENTS	TOTAL*	Prior Years	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 13,661	\$ 13,661		\$ -	\$ -	\$ -					
CIP PROJ MANAGEMENT	-										
DESIGN / ENGINEERING	18,145	18,145									
LAND	-										
BUILDINGS	-										
IMPROVEMENTS	169,718	137,218		6,000	26,500	26,500					
INSPECTION	-										
CONTINGENCY	-										
SALES TAX	5,618	3,100			2,518	2,518					
PERMIT	1,909	1,709			200	200					
OTHER	3,443	3,443									
TOTAL	\$ 212,494	\$ 177,276		\$ 6,000	\$ 29,218	\$ 29,218					

FUNDING SOURCES	TOTAL*	Prior Years	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Bond Proceeds	\$ -	\$ -		\$ -	\$ -	\$ -					
Marina Contributions	212,494	177,276		6,000	29,218	29,218					
TOTAL	\$ 212,494	\$ 177,276		\$ 6,000	\$ 29,218	\$ 29,218					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	440.63.01
PROGRAM	Small Improvements	PROJECT STATUS:	
PROJECT	Security Camera Project	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Docks & Parking Lots		

JUSTIFICATION:

In 2006 and 2007 the Marina installed a CCTV security camera system in the Marina. Presently there is a camera installed near the gate to each of the floating docks, one on the fuel dock and one on the west end of the Marina Office Building. This project would add four additional cameras. Two wireless camera units would be installed in the north parking lot to monitor activity in that area, and two regular cameras would be installed on the ends of A and J Docks to monitor traffic in the main waterway.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	440.442
PROGRAM		PROJECT STATUS:	
PROJECT	Small Moorage Docks Reconfiguration Project	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	D, E, F, G & H Docks		
DESCRIPTION:			

EXPENDITURE SCHEDULE											
COST ELEMENTS	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 33		\$ 33		\$ -	\$ -					
DESIGN/ENG	2,820		2,820		30,000						
BUILDINGS	-										
IMPROVEMENTS	-				100,000	-					
CONST MGMT	-										
CONTINGENCY	-										
SALES TAX	-										
OTHER	-										
PERMITS	2,500				31,250	2,500					
TOTAL	\$ 5,353		\$ 2,853		\$ 161,250	\$ 2,500					

FUNDING SOURCE	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Bond Proceeds	\$ -		\$ -		\$ -	\$ -					
Marina Contributions	5,353		2,853		161,250	2,500					
	-										
TOTAL	\$ 5,353		\$ 2,853		\$ 161,250	\$ 2,500					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	440.442
PROGRAM		PROJECT STATUS:	
PROJECT	Small Moorage Docks Reconfiguration Project	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	D, E, F, G & H Docks		

JUSTIFICATION:

This project would eliminate E Dock and reconfigure D, F, G & H Docks with the goal of reducing the amount of 20 and 24 foot slips and creating more 32 and 36 foot slips. This project will be accomplished in two phases. The first phase will take place in 2011/2012 as part of a multi-project design and permitting effort and will consist of a feasibility study, design and permitting of the project. The actual reconfiguration would be a second phase, which would take place in 2012.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	406.447
PROGRAM		PROJECT STATUS:	
PROJECT	Redondo Ramp Boarding Floats	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Redondo Boat Ramp		
DESCRIPTION:	Replace two of the original boarding floats at the Redondo Boat Ramp		

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 2011 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ -		\$ -	\$ -	\$ -	\$ -				
DESIGN/ENG	-									
BUILDINGS	-									
IMPROVEMENTS	58,741		18,983	19,758	19,758	20,000				
CONST MGMT	-									
CONTINGENCY	-									
SALES TAX	3,777			1,877	1,877	1,900				
OTHER	-									
PERMITS	-									
TOTAL	\$ 62,518		\$ 18,983	\$ 21,635	\$ 21,635	\$ 21,900				

FUNDING SOURCE	TOTAL*		FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Bond Proceeds	\$ -		\$ -	\$ -	\$ -	\$ -				
Marina Contributions	62,518		18,983	21,635	21,635	21,900				
TOTAL	\$ 62,518		\$ 18,983	\$ 21,635	\$ 21,635	\$ 21,900				

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	406.447
PROGRAM		PROJECT STATUS:	
PROJECT	Redondo Ramp Boarding Floats	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Redondo Boat Ramp		

JUSTIFICATION:

There are five of the original boarding floats left at the Redondo Boat Ramp. These floats were installed when the ramp was built over 30 years ago and are in need of replacement. The Marina staff plans to replace two of the floats in 2012, two more in 2013 and the last float in 2014 along with recasting the concrete anchor brow.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	406.448
PROGRAM		PROJECT STATUS:	
PROJECT	Public Fishing Pier Renovations and Improvements	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Public Fishing Pier - NW Corner of the North Parking Lot in the Marina.		
DESCRIPTION:	Renovate and enlarge the Public Fishing Pier, replace the public restrooms, enlarge the plaza area, replace the timber bulkhead in that area with a steel sheet pile wall with a concrete cap, install a breakwater wall to protect the Marina entrance and basin.		

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ -			\$ -	\$ -					
DESIGN/ENG	-			10,000						
BUILDINGS	-									
IMPROVEMENTS	-									
CONST MGMT	-									
CONTINGENCY	-									
SALES TAX	-									
OTHER	-									
PERMITS	2,500			31,250	2,500					
TOTAL	\$ 2,500			\$ 41,250	\$ 2,500					

FUNDING SOURCE	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Bond Proceeds	\$ -			\$ -	\$ -					
Marina Contributions	2,500		-	41,250	2,500					
	-									
	-									
TOTAL	\$ 2,500			\$ 41,250	\$ 2,500					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	406.448
PROGRAM		PROJECT STATUS:	
PROJECT	Public Fishing Pier Renovations and Improvements	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Public Fishing Pier - NW Corner of the North Parking Lot in the Marina.		

JUSTIFICATION:

The Public Fishing Pier in the Marina is a Des Moines Landmark that gets lots of use at all times of the year. It was built in 1980, with construction funding coming from the National Park Service Land and Trails account and from King County. The Pier is a concrete structure and it sustained significant damage during the Nisqually earthquake. The pier can become very crowded during good weather and peak fishing seasons. The restroom is nearly 35 years old and needs to be replaced with a modern facility that will be less costly to operate and maintain. The plaza area is also well used by the public and it is also showing signs of wear and tear. This project would increase the width of the pier walkway area from 8 feet to 14 feet and would more than double the area at the end of the pier, (from 2193 sq. ft. to 4794 sq. ft.), and add seismic reinforcing if needed. This project would also replace the restroom with a new facility and enlarge the plaza area at the foot of the pier..



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	406.449
PROGRAM		PROJECT STATUS:	
PROJECT	New Breakwater at the Marina Entrance.	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Marina Entrance Channel near the Public Fishing Pier		
DESCRIPTION:	This project would replace the existing Timber Breakwater with a new structure similar in design but located close to the Public Fishing Pier where it can protect the entire Marina Entrance Channel area.		

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ -			\$ -	\$ -					
DESIGN/ENG	-			10,000						
BUILDINGS	-									
IMPROVEMENTS	-									
CONST MGMT	-									
CONTINGENCY	-									
SALES TAX	-									
OTHER	-									
PERMITS	2,500			31,250	2,500					
TOTAL	\$ 2,500			\$ 41,250	\$ 2,500					

FUNDING SOURCE	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Bond Proceeds	\$ -			\$ -	\$ -					
Marina Contributions	2,500			41,250	2,500					
	-									
	-									
TOTAL	\$ 2,500			\$ 41,250	\$ 2,500					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	406.449
PROGRAM		PROJECT STATUS:	
PROJECT	New Breakwater at the Marina Entrance.	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Marina Entrance Channel near the Public Fishing Pier		

JUSTIFICATION:

The existing Timber Breakwater was built as in 1969 as part of the original Marina construction project. The original breakwater was built by driving heavily creosote-treated timber pile side-by-side and then fastening a layer of heavily creosote-treated timbers to the north side. A sloping rock revetment was built on both sides of the structure to add strength. Both the creosote-treated piling and the treated timbers are starting to fail, mostly from damage cause by rot and marine borers. Wave studies done in 2011 show that moving the breakwater structure north to a location close to the base of the fishing pier will continue protecting the Marina basin with only modest increases in peak wave heights while significantly reducing wave heights in the entrance area, which was not protected at all before. Moving the new breakwater further north will allow the installation of additional floats in the area where the old breakwater is now, significantly increasing the amount of moorage available in the guest moorage basin. The additional moorage could be used for a permanent location for emergency response vessels, additional guest moorage, short term moorage for tour boats and a space to launch car-top boat like kayaks, etc.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	406.450
PROGRAM		PROJECT STATUS:	
PROJECT	Demolition of Existing Timber Breakwater, Removing Rubble Mound and Installing New Floats	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	West end of North Parking lot - Marina Entrance Channel		
DESCRIPTION:	This project would remove the existing Timber Breakwater and the rock rubble mound that is on both sides of it. A float system and ramp would be installed in the same area and portions of the timber bulkhead would be replaced with a steel sheet pile/concrete cap wall.		

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ -			\$ -	\$ -					
DESIGN/ENG	-			10,000						
BUILDINGS	-									
IMPROVEMENTS	-									
CONST MGMT	-									
CONTINGENCY	-									
SALES TAX	-									
OTHER	-									
PERMITS	2,500			31,250	2,500					
TOTAL	\$ 2,500			\$ 41,250	\$ 2,500					

FUNDING SOURCE	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Marina Contributions	\$ 2,500			\$ 41,250	\$ 2,500					
Port Security Grant	-									
	-									
TOTAL	\$ 2,500			\$ 41,250	\$ 2,500					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	406.450
PROGRAM		PROJECT STATUS:	
PROJECT	Demolition of Existing Timber Breakwater, Removing Rubble Mound and Installing New Floats	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	West end of North Parking lot - Marina Entrance Channel		

JUSTIFICATION:

The existing Timber Breakwater and the rock rubble mound that anchors was installed in 1969 when the Marina was built. The Timber Breakwater is failing and needs to be replaced. Wave studies done in 2011 show that a breakwater structure that was located near the public fishing pier would be effective at protecting the Marina entrance while maintaining the same wave heights in the mooring basin. Relocating the breakwater would create space for additional moorage in an area that was always underutilized. The moorage could be used for a permanent place for emergency response vessels, guest moorage and a more convenient place for short term uses like tour boats and car-top launching.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	440.XX
PROGRAM		PROJECT STATUS:	
PROJECT	Custom canopy for the new activity float.	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Guest Moorage		
DESCRIPTION:			

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ -									
DESIGN/ENG	2,500				2,500					
BUILDINGS	25,000				25,000					
IMPROVEMENTS	-									
CONST MGMT	-									
CONTINGENCY	2,500				2,500					
SALES TAX	2,500				2,500					
OTHER	-									
PERMITS	-									
TOTAL	\$ 32,500				\$ 32,500					

FUNDING SOURCE	TOTAL*	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Bond Proceeds	\$ -				\$ -					
Marina Contributions	32,500				32,500					
	-									
	-									
TOTAL	\$ 32,500				\$ 32,500					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	440.XX
PROGRAM		PROJECT STATUS:	
PROJECT	Custom canopy for the new activity float.	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Guest Moorage		

JUSTIFICATION:

This project would replace the existing 10 X 20 canopies that are in the guest moorage area with a larger, 15 X 40 canopy. The new canopy will be custom made to fit a space on the new activity float and will be substantially stronger than the existing canopies. The new canopy will be used by groups and clubs that visit the guest moorage area.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	441A (430)
PROGRAM	Small Improvements	PROJECT STATUS:	
PROJECT	Off- Site Storage Yard	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	

LOCATION Public Works Service Center

DESCRIPTION:

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL*	FY 10 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ -									
DESIGN/ENG	1,000				1,000					
BUILDINGS	-									
IMPROVEMENTS	25,500				25,500					
CONST MGMT	-									
CONTINGENCY	1,000				1,000					
SALES TAX	2,500				2,500					
OTHER	-									
PERMITS	-									
TOTAL	\$ 30,000				\$ 30,000					

FUNDING SOURCE	TOTAL*	FY 10 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Bond Proceeds	\$ -				\$ -					
Marina Contributions	30,000				30,000					
	-									
	-									
TOTAL	\$ 30,000				\$ 30,000					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	441A (430)
PROGRAM	Small Improvements	PROJECT STATUS:	
PROJECT	Off- Site Storage Yard	Preliminary Estimate	X
		Plans in Preparation	
		P.S.E. Complete	
LOCATION	Public Works Service Center		

JUSTIFICATION:

The Marina has several large objects like concrete dock sections, extra piling, spare light poles and lumber for building new docks and repairing existing docks that need to be stored. Currently some of these items are stored in the unfenced area just outside the Public Works Service Center main gate. This project would fence that area and make a code compliant storage lot that would have the capacity to store the material already there plus the items being stored in the Boat Storage Yard in the Marina. Consolidating all the Marina's large storage in one area will allow more paying boat storage in the short term and it will also facilitate the conversion of the Boat Storage Yard to surface parking when the need arises.



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	_____
PROGRAM		PROJECT STATUS:	_____
PROJECT	Site Management Project	Preliminary Estimate	_____
		Plans in Preparation	_____
		P.S.E. Complete	_____
LOCATION	Marina Parking Lots		
DESCRIPTION:			

EXPENDITURE SCHEDULE										
COST ELEMENTS	TOTAL*	FY 10 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ -				\$ -					
DESIGN/ENG	10,000				10,000					
BUILDINGS	-									
IMPROVEMENTS	90,000				90,000					
CONST MGMT	-									
CONTINGENCY	-									
SALES TAX	-									
OTHER	-									
PERMITS	-									
TOTAL	\$ 100,000				\$ 100,000					

FUNDING SOURCE	TOTAL*	FY 10 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Bond Proceeds	\$ -				\$ -					
Marina Contributions	100,000				100,000					
	-									
	-									
TOTAL	\$ 100,000				\$ 100,000					

*Excludes FY 12 Amd



2013 - 2018 CAPITAL IMPROVEMENT PLAN

Marina

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Marina	PROJECT NO.	_____
PROGRAM		PROJECT STATUS:	_____
PROJECT	Site Management Project	Preliminary Estimate	_____
		Plans in Preparation	_____
		P.S.E. Complete	_____
LOCATION	Marina Parking Lots		

JUSTIFICATION:

At a regular Council Meeting in October 2012, the City Council directed the staff to develop a program to address the issues of inappropriate behavior and low-level criminal activity in the Marina parking lots and the Des Moines Beach Park. This project would fund the development and design of traffic and parking control systems that would regulate access to the Marina parking lots.



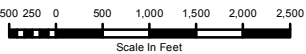
City of Des Moines

Surface Water Management

Capital Improvement Projects 2013-2018

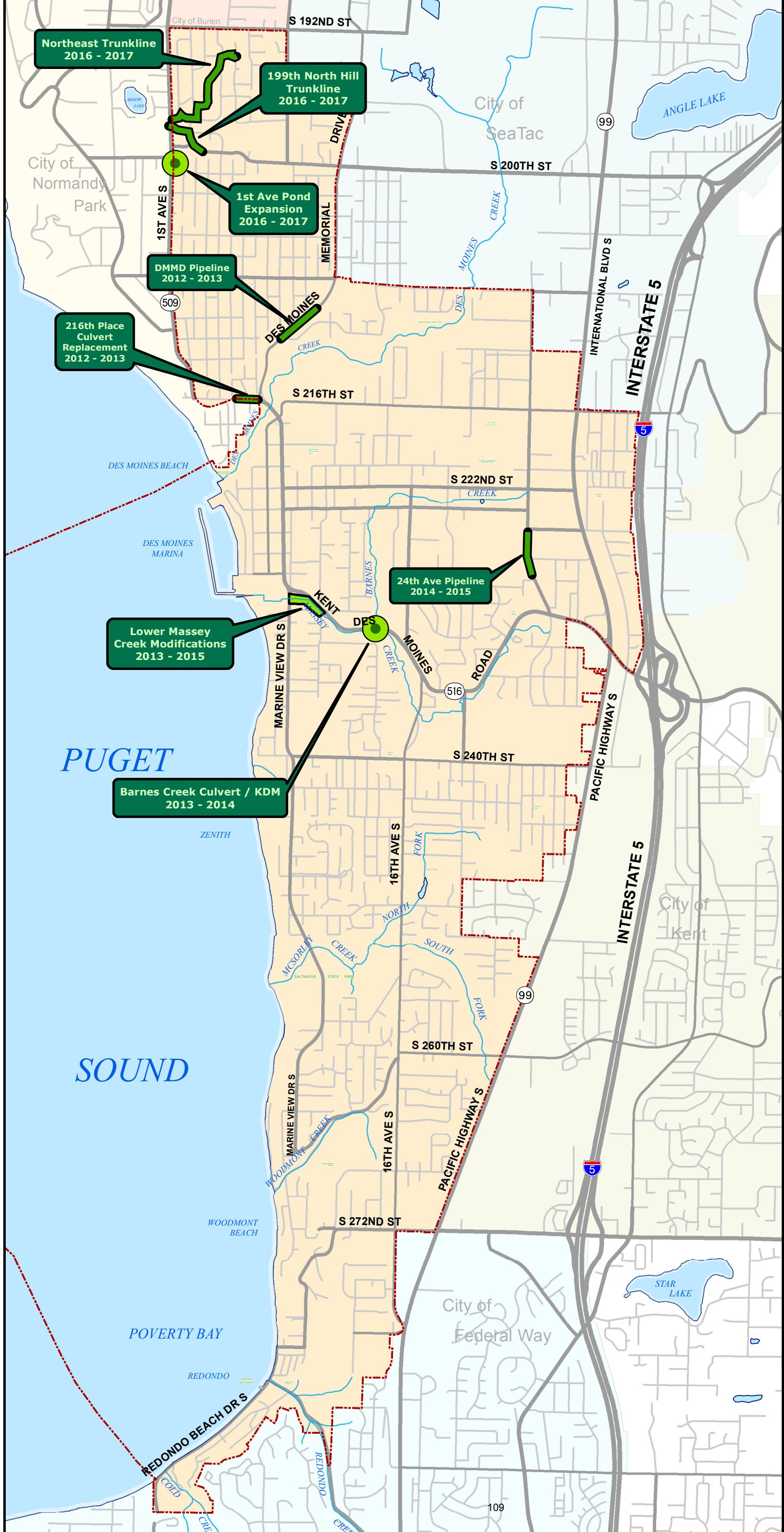
- Streams**
- City Limit Boundary (Line)**
- Jurisdictions**
- Normandy Park
 - Burien
 - SeaTac
 - Kent
 - Federal Way
 - Unincorporated King County

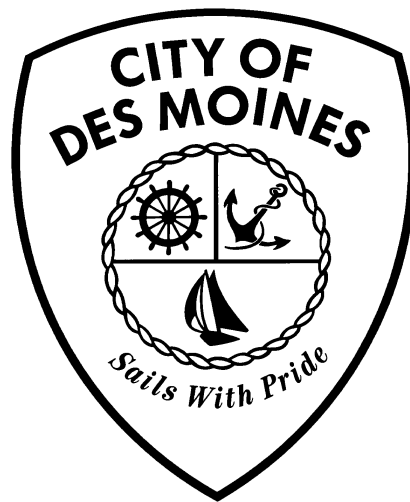
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2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

2013 - 2018 APPROVED CIP								2013 - 2018 6-Year TOTAL
	2013	2014	2015	2016	2017	2018		
BEGINNING FUND BALANCE	\$ 827,823	\$ 903,292	\$ 621,300	\$ 140,202	\$ 506,172	\$ 230,433	\$	827,823
LOCAL REVENUES								
Interest Income	\$ 4,600	\$ 8,700	\$ 9,500	\$ 5,700	\$ 4,800	\$ 5,500	\$	38,800
Hook-up Fees	75,000	75,000	75,000	75,000	75,000	75,000		450,000
Transfer from SWM operations	702,069	721,808	742,102	759,170	776,631	794,493		4,496,273
TOTAL LOCAL REVENUES	\$ 781,669	\$ 805,508	\$ 826,602	\$ 839,870	\$ 856,431	\$ 874,993	\$	4,985,073
PROJECT REVENUES								
Barnes Creek 223rd Culvert Replace - King Cons. Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-
*Lower Massey Creek - King County Flood Control Funds	-	-	180,000	-	-	-		180,000
*1st Avenue Pond Expansion - Normandy Park ILA	-	-	-	29,800	204,750	-		234,550
TOTAL PROJECT REVENUES	\$ -	\$ -	\$ 180,000	\$ 29,800	\$ 204,750	\$ -	\$	414,550
TOTAL REVENUES & FUND BALANCE	\$ 1,609,492	\$ 1,708,800	\$ 1,627,902	\$ 1,009,872	\$ 1,567,353	\$ 1,105,426	\$	6,227,446
*These grants and/or loans need to be applied for.								
PROJECT EXPENDITURES								
	City Proj No.							
Barnes Creek/KDM Rd. Culvert Repl.	451.804.00	\$ 150,000	\$ 945,000	\$ -	\$ -	\$ -	\$	1,095,000
DMMD Pipeline S. 212th to S. 213th	451.812	144,500	-	-	-	-		144,500
24th Avenue Pipeline Replacement/Upgrade	451.815	-	30,000	204,700	-	-		234,700
216th Pl. Culvert Replacement	451.819	139,200	-	-	-	-		139,200
Lower Massey Creek Channel Modifications	451.821	212,500	112,500	955,000	-	-		1,280,000
199th N Hill Trunk Line Upgrade	451.822	-	-	-	37,100	228,620		265,720
1st Avenue Pond Expansion	451.823	-	-	-	59,600	324,500		384,100
North Hill NE 197th St Trunkline Upgrade	451.824	-	-	-	79,000	455,800		534,800
Detention Pond Safety Improvements	451.810	60,000	-	-	-	-		60,000
Pipe Replacement Program		-	-	328,000	328,000	328,000		1,312,000
TOTAL PROJECT EXPENDITURES		\$ 706,200	\$ 1,087,500	\$ 1,487,700	\$ 503,700	\$ 1,336,920	\$ 328,000	\$ 5,450,020
OPERATING TRANSFERS								
Total Operating Transfers		\$ -	\$ -	\$ -				\$ -
TOTAL EXPENDITURES		\$ 706,200	\$ 1,087,500	\$ 1,487,700	\$ 503,700	\$ 1,336,920	\$ 328,000	\$ 5,450,020
ENDING FUND BALANCE		\$ 903,292	\$ 621,300	\$ 140,202	\$ 506,172	\$ 230,433	\$ 777,426	\$ 777,426



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

		2013 - 2018 APPROVED CIP						2013 - 2018 6-Year TOTAL
		2013	2014	2015	2016	2017	2018	
<u>PORTION OF PROJECT FUNDED BY SWM</u>								
Des Moines Creek Basin Projects	451.806	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Barnes Creek 223rd Culvert Replacement	451.820	-	-	-	-	-	-	-
DMMD Pipeline S. 212th to S. 213th	451.812	144,500	-	-	-	-	-	144,500
216th Pl. Culvert Replacement	451.819	139,200	-	-	-	-	-	139,200
Detention Pond Safety Improvements	451.899	60,000	-	-	-	-	-	60,000
Lower Massey Creek Channel Modifications	451.821	212,500	112,500	775,000	-	-	-	1,100,000
Barnes Creek/KDM Rd. Culvert Repl.	451.804.00	150,000	945,000	-	-	-	-	1,095,000
24th Avenue Pipeline Replacement/Upgrade	451.815	-	30,000	204,700	-	-	-	234,700
Pipe Replacement Program			-	328,000	328,000	328,000	328,000	1,312,000
199th N Hill Trunk Line Upgrade	451.822	-	-	-	37,100	228,620	-	265,720
1st Avenue Pond Expansion	451.823	-	-	-	29,800	119,750	-	149,550
North Hill NE 197th St Trunkline Upgrade	451.824	-	-	-	79,000	455,800	-	534,800
								-
TOTAL FUNDED BY SWM		\$ 706,200	\$ 1,087,500	\$ 1,307,700	\$ 473,900	\$ 1,132,170	\$ 328,000	\$ 5,035,470



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	PROJECT NO.	451.812
PROJECT	Des Moines Memorial Drive - S. 212th to S. 213th Pipeline Replacement	Project Type:	Improvement
LOCATION	North side of Des Moines Memorial Drive from S. 212th Street to S. 213th Street	Council Goals met:	2
		Council Objectives met:	
		Project Status	

DESCRIPTION: Replacement of 350 feet of existing storm drainage and ditches with 18-inch pipe.

EXPENDITURE SCHEDULE												
COST ELEMENTS	TOTAL*	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 10,282	\$ 2,117	\$ 165		\$ 4,000	\$ 4,000	4,000					
CIP PROJ MANAGEMENT	929		929									
Design	20,000				20,000	20,000						
Improvements	90,500						90,500					
Construction Management	20,000						20,000					
CONTINGENCY	35,000				5,000	5,000	30,000					
OTHER	-											
TOTAL	\$ 176,711	\$ 2,117	\$ 1,094		\$ 29,000	\$ 29,000	\$ 144,500					

FUNDING SOURCES	TOTAL*	FY 09 Act	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amend	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
SWM CIP	\$ 176,711	\$ 2,117	\$ 1,094		\$ 29,000	\$ 29,000	144,500					
TOTAL	\$ 176,711	\$ 2,117	\$ 1,094		\$ 29,000	\$ 29,000	\$ 144,500					

*Excludes FY 12 Amd



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	PROJECT NO.	451.812
PROJECT	Des Moines Memorial Drive - S. 212th to S. 213th Pipeline Replacement	Project Type:	Improvement
LOCATION	North side of Des Moines Memorial Drive from S. 212th Street to S. 213th Street	Council Goals met:	2
		Council Objectives met:	
		Project Status	

JUSTIFICATION: During major storms, the drainage ditch along the north side of Des Moines Memorial Drive, west of S. 212th Street, overflows and crosses over to the east side of Des Moines Memorial Drive and into a landslide hazard area. This project replaces the existing ditch system with a new 18-inch pipe.

SCOPE OF WORK:	Type 1 Catch basins	4	\$ 16,000	
	18-inch Pipe	350 feet	18,200	
	Ecology Block Wall	400 SF	20,000	
	Road restoration	2100 sq. ft	10,500	
	Traffic Control/Misc.		10,000	
			<u>\$ 74,700</u>	
			\$ 90,500	2013 dollars
	30% Contingency		30,000	
	Inspection		20,000	
	Design		20,000	
	City Staff Administration		6,500	
			<u>\$ 167,000</u>	



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.819
PROJECT	216th Place Culvert Replacement	SWM Project #	
		Project Type:	
		Council Goals met:	
		Council Objectives met:	
		Project Status	
LOCATION	216th Place (4th Place S. to Des Moines Memorial Drive)		
DESCRIPTION:	Replacement of existing 18-inch corrugated metal pipe with 400 feet of 24-inch pipe.		

EXPENDITURE SCHEDULE											
COST ELEMENTS	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 4,000			\$ 2,000	\$ 2,000	\$ 2,000					
CIP PROJ MANAGEMENT	10,000			5,000	5,000	5,000					
Design	20,000			20,000	20,000						
	-										
	-										
Improvements	85,100					85,100					
Inspection	15,000					15,000					
	-										
CONTINGENCY	40,200			8,100	8,100	32,100					
OTHER	-										
TOTAL	\$ 174,300			\$ 35,100	\$ 35,100	\$ 139,200					

FUNDING SOURCES	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
SWM CIP	\$ 174,300			\$ 35,100	\$ 35,100	\$ 139,200					
	-										
	-										
TOTAL	\$ 174,300			\$ 35,100	\$ 35,100	\$ 139,200					

*Excludes FY 12 Amd



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	<u>451.819</u>
PROJECT	216th Place Culvert Replacement	SWM Project #	<u> </u>
		Project Type:	<u> </u>
		Council Goals met:	<u> </u>
		Council Objectives met:	<u> </u>
LOCATION	216th Place (4th Place S. to Des Moines Memorial Drive)	Project Status	<u> </u>

SCOPE OF WORK:	400 feet of 24-inch pipe	400 LF	\$60/LF	\$	24,000
	4 54-inch dia manholes	4 EA	\$3,000	\$	12,000
	Overflow Rack		1 EA \$2,000	\$	2,000
	Pavement restoration	1000 SF	\$3/SF	\$	3,000
	Traffic Control			\$	15,000
	Erosion Control			\$	5,000
	Miscellaneous			\$	<u>20,000</u>
	Total 2012			\$	<u><u>81,000</u></u>



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.XXX
		Dept Project #	
PROJECT	Detention Facility Improvements	Project Type:	Improvement
		Council Goals met:	1, 2, 4
		Council Objectives met:	
		Project Status	
LOCATION			

DESCRIPTION: Install 6-foot vinyl coated fencing (with access gates) at four pond locations (Mediterranean Heights, Bluffs at Redondo (2 ponds), and Saltwater Highlands.

EXPENDITURE SCHEDULE											
COST ELEMENTS	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 5,000					\$ 5,000					
CIP PROJ MANAGEMENT	-										
DESIGN / PERMITTING	-										
LAND	-										
BUILDINGS	-										
IMPROVEMENTS (incl. tax)	45,000					45,000					
INSPECTION	-										
CONTINGENCY	10,000					10,000					
	-										
TOTAL	\$ 60,000					\$ 60,000					

FUNDING SOURCES	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
SWM CIP	\$ 60,000					\$ 60,000					
	-										
TOTAL	\$ 60,000					\$ 60,000					

*Excludes FY 12 Amd



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.XXX
		Dept Project #	
		Project Type:	Improvement
PROJECT	Detention Facility Improvements	Council Goals met:	1, 2, 4
		Council Objectives met:	
		Project Status	
LOCATION			

JUSTIFICATION: Although the pond design meets the drainage standards, the Washington Cities Insurance Authority (WCIA) recommends that ponds that have permanent pools be contained within a 6-foot fence for safety. Staff has reviewed the inventory of publicly owned facilities and have initially identified four facilities that should be fenced.

SCOPE OF WORK: Install 550 feet of black vinyl coated chain link fencing at the Mediterranean Heights subdivision, 500 - 1000 feet at the Bluffs of Redondo subdivision (two ponds), and 350 feet at the Saltwater Highlands Tract A pond. Work would include where appropriate a 16-foot access gate.



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.821
		Dept Project #	SWM-01
		Project Type:	Enhancement
PROJECT	Lower Massey Creek Channel Modifications	Council Goals met:	4
		Council Objectives met:	
		Project Status	Approved
LOCATION	Massey Creek from 10th Avenue S to Marine View Drive		
DESCRIPTION:	Stream channel widening, berms and fish habitat features.		

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 40,000					\$ 10,000	\$ 10,000	\$ 20,000			
CIP PROJ MANAGEMENT	10,000					2,500	2,500	5,000			
DESIGN / ENGINEERING	120,000					90,000	30,000				
PERMITTING	100,000					75,000	25,000				
BUILDINGS	-										
IMPROVEMENTS	600,000							600,000			
INSPECTION	90,000							90,000			
CONTINGENCY	320,000					35,000	45,000	240,000			
OTHER	-										
TOTAL	\$ 1,280,000					\$ 212,500	\$ 112,500	\$ 955,000			

FUNDING SOURCES	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
SWM CIP	\$ 1,100,000					\$ 212,500	\$ 112,500	\$ 775,000			
King County Flood Control Fund	180,000							180,000			
TOTAL	\$ 1,280,000					\$ 212,500	\$ 112,500	\$ 955,000			

*Excludes FY 12 Amd



2013-2018 CAPITAL IMPROVEMENT PLAN Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.821
		Dept Project #	SWM-01
		Project Type:	Enhancement
PROJECT	Lower Massey Creek Channel Modifications	Council Goals met:	4
		Council Objectives met:	
LOCATION	Massey Creek from 10th Avenue S to Marine View Drive	Project Status	Approved

JUSTIFICATION:

This project involves widening the Massey Creek Channel between 10th Avenue South and Marine View Drive and berming the north side of the stream. Existing vegetation will be removed and replaced with "controlled riparian" vegetation. In addition, fish habitat, spawning gravel, eddy pools, bushes, shrubs and shade trees will be added to improve water quality and fish resources. The finished project will alleviate flooding in that section of Massey Creek and restore a "fish friendly" and aesthetic stream-like quality to Massey Creek. The land has already been purchased in 1998. This project was listed in the Massey Creek Basin Plan and Lower Massey Creek Flood Alternative Analysis.

SCOPE OF WORK:

1. Stream bank modifications from 10th Avenue S to Marine View Drive.
2. Approximately 300 feet of berm on the north bank.
3. Installation of 10-12 anchored log weirs and bank logs for erosion control.
4. Development of a meandering stream, riffle pools, and spawning gravel within the land acquisition area.
5. Installation of retaining walls along the narrow or confined areas of the channel next to Kent-Des Moines Road.
6. Removal of existing bank vegetation and replace with low maintenance, controlled vegetation (brush and trees).



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.804.00
		Dept Project #	SWM-12
PROJECT	Barnes Creek/Kent-Des Moines Road Culvert Replacement	Project Type:	Improvement
		Council Goals met:	1, 2, 4
		Council Objectives met:	
		Project Status	
LOCATION	Barnes Creek at Kent Des Moines Road		
DESCRIPTION:	Replacement of the existing culvert with a new 42-inch diameter concrete culvert and installation of an energy dissipater structure at the downstream end of the culvert.		

EXPENDITURE SCHEDULE											
COST ELEMENTS	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 13,627	\$ 172	\$ 455			\$ 8,000	\$ 5,000				
CIP PROJ MANAGEMENT	10,000						10,000				
DESIGN / PERMITTING	106,128		16,128			90,000					
Permitting	25,000					25,000					
BUILDINGS	-										
IMPROVEMENTS	600,000						600,000				
INSPECTION	90,000						90,000				
CONTINGENCY	267,000					27,000	240,000				
SALES TAX	-										
TOTAL	\$ 1,111,755	\$ 172	\$ 16,583			\$ 150,000	\$ 945,000				

FUNDING SOURCES	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
SWM CIP	\$ 1,111,755	\$ 172	\$ 16,583			\$ 150,000	\$ 945,000				
TOTAL	\$ 1,111,755	\$ 172	\$ 16,583			\$ 150,000	\$ 945,000				

*Excludes FY 12 Amd



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.804.00
		Dept Project #	SWM-12
PROJECT	Barnes Creek/Kent-Des Moines Road Culvert Replacement	Project Type:	Improvement
		Council Goals met:	1, 2, 4
LOCATION	Barnes Creek at Kent Des Moines Road	Council Objectives met:	
		Project Status	

JUSTIFICATION:	This culvert replacement is needed to convey peak predicted flows without flooding Kent-Des Moines Road. At this point a new 42- to 48-inch reinforced concrete pipe culvert is planned to replace the existing undersized culvert. However, the new pipe size will need to be designed to meet current Hydraulic Code to allow both high- and low-flow fish passage. An energy dissipater will be included at the downstream end of the culvert (with a fish ladder). This project was identified in the Lower Massey Creek Basin Plan and Alternative Analysis. The timing of this project will be based on the outcome of a culvert survey made in 2004 to determine the condition of the culvert.
SCOPE OF WORK:	Project improvements will include the installation of 80 to 100 feet of 48-inch or 60-inch diameter culvert or possibly the construction of a box culvert, depending on the method of construction and current fisheries requirements. Due to the depth of culvert and the high traffic of Kent-Des Moines Road, use of boring or other trench-less technology will be explored. The dramatic elevation change from upstream to downstream and the need to moderate velocity for fish passage may require that a special energy dissipater and/or fish ladder be installed at the culvert outlet.



2013-2018 CAPITAL IMPROVEMENT PLAN Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	PROJECT NO.	451.815
PROJECT	24th Avenue Pipeline Replacement/Upgrade	Project Type:	Upgrade
LOCATION	The east side of 24th Avenue S. between S. 226th and S. 227th	Council Goals met:	1, 3, 4
		Council Objectives met:	
		Project Status	
DESCRIPTION:	Replacement of existing 12-inch storm drainage pipe with 36-inch trunkline.		

EXPENDITURE SCHEDULE											
COST ELEMENTS	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 9,000						\$ 3,000	\$ 6,000			
CIP PROJ MANAGEMENT	-										
Design	20,000						20,000				
Improvements	148,900							148,900			
Construction Management	20,000							20,000			
CONTINGENCY	36,800						7,000	29,800			
OTHER	-										
TOTAL	\$ 234,700						\$ 30,000	\$ 204,700			

FUNDING SOURCES	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
SWM CIP	\$ 234,700						\$ 30,000	\$ 204,700			
TOTAL	\$ 234,700						\$ 30,000	\$ 204,700			

*Excludes FY 12 Amd



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	PROJECT NO.	451.815
PROJECT	24th Avenue Pipeline Replacement/Upgrade	Project Type:	Upgrade
LOCATION	The east side of 24th Avenue S. between S. 226th and S. 227th	Council Goals met:	1, 3, 4
		Council Objectives met:	
		Project Status	

JUSTIFICATION: During major storms, the drainage system along the east side of 24th Avenue between S. 226th Street and S. 227th overflows to the pipe system on the west side. These overflows bypass the trunk system that conveys flows to the City Park regional detention facility and flood properties south of the 22th Street (south of Pacific Middle School). This project replaces the existing 12-inch pipe system with a new 36-inch trunk system, as recommended in the 1992 Massey Creek Basin Plan.

SCOPE OF WORK:	Type 2 Catch basins	3	\$ 24,000	
	36-inch Pipe	500 feet	50,000	
	Road restoration	2500 sq. ft	12,500	
	Traffic Control/Misc.		20,000	
			<u>\$ 106,500</u>	2007 dollars
			\$ 148,900	2014 dollars (5% infl.)
	20% Contingency		29,780	
	Construction management		20,000	
	City Staff Administration		6,000	
			<u>\$ 204,680</u>	



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.XXX
		Dept Project #	
PROJECT	Pipe Replacement Program	Project Type:	Improvement
		Council Goals met:	1, 2, 4
		Council Objectives met:	
		Project Status	
LOCATION	Various Locations		
DESCRIPTION:	Replacement of existing pipes. Location from year to year will depend on video assessment.		

EXPENDITURE SCHEDULE											
COST ELEMENTS	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 12,000							\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
CIP PROJ MANAGEMENT	20,000							5,000	5,000	5,000	5,000
DESIGN / PERMITTING	120,000							30,000	30,000	30,000	30,000
LAND	-										
BUILDINGS	-										
IMPROVEMENTS (incl. tax)	800,000							200,000	200,000	200,000	200,000
INSPECTION	120,000							30,000	30,000	30,000	30,000
CONTINGENCY	240,000							60,000	60,000	60,000	60,000
SALES TAX	-										
TOTAL	\$ 1,312,000							\$ 328,000	\$ 328,000	\$ 328,000	\$ 328,000

FUNDING SOURCES	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
SWM CIP	\$ 1,312,000							\$ 328,000	\$ 328,000	\$ 328,000	\$ 328,000
	-										
TOTAL	\$ 1,312,000							\$ 328,000	\$ 328,000	\$ 328,000	\$ 328,000

*Excludes FY 12 Amd



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.XXX
		Dept Project #	
PROJECT	Pipe Replacement Program	Project Type:	Improvement
		Council Goals met:	1, 2, 4
		Council Objectives met:	
LOCATION	Various Locations	Project Status	

JUSTIFICATION: A video assessment of existing storm drain pipes is scheduled to begin in 2013. From the assessment a prioritized list of pipe that need to be replaced will be developed along with estimated costs.

SCOPE OF WORK: The amount of pipe replaced will vary from year to year depending on the depth of pipe, required structures, and required road restoration. The amount allocated to the program will initially be set at \$328,000 (with \$200,000 of improvements made). The program will be further refined with the allocation adjusted once the assessment is completed and needed improvement outlay determined.



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.822
PROJECT	199th North Hill Trunkline Upgrade	Dept Project #	SWM-20
		Project Type:	Improvement
		Council Goals met:	2
		Council Objectives met:	
		Project Status	Adopted
LOCATION	Between 1st Avenue and 4th Avenue S., North Hill Area		
DESCRIPTION:	Upgrading 420 feet of 12, 15 and 18-inch pipe with a 24-inch trunk line.		

EXPENDITURE SCHEDULE											
COST ELEMENTS	TOTAL *	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 4,000								\$ 2,000	\$ 2,000	
CIP PROJ MANAGEMENT	5,000									5,000	
DESIGN / ENGINEERING	27,000								27,000		
LAND	-										
BUILDINGS	-										
IMPROVEMENTS	147,400									147,400	
INSPECTION	30,000									30,000	
CONTINGENCY	52,320								8,100	44,220	
SALES TAX	-										
OTHER	-										
TOTAL	\$ 265,720								\$ 37,100	\$ 228,620	

FUNDING SOURCES	TOTAL *	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
SWM CIP	\$ 265,720								\$ 37,100	\$ 228,620	
	-										
TOTAL	\$ 265,720								\$ 37,100	\$ 228,620	

*Excludes FY 12 Amd



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.822
		Dept Project #	SWM-20
		Project Type:	Improvement
PROJECT	199th North Hill Trunkline Upgrade	Council Goals met:	2
		Council Objectives met:	
LOCATION	Between 1st Avenue and 4th Avenue S., North Hill Area	Project Status	Adopted

JUSTIFICATION:

The existing 199th trunk line was reviewed for capacity in the Normandy Park Comprehensive Plan - Normandy Creek/Upper Basin. The trunk line was found to be undersized (for most storms) for 200 feet of the length and aged for the remaining sections and does not meet current design standards. The increased size will alleviate local flooding that occurs in the upper basin of Normandy Creek. In order to provide mitigation for downstream impacts, the 1st Avenue Pond that is currently owned by Normandy Park will need to be expanded. An interlocal agreement will need to be made with Normandy Park for the expansion project as well as for the long term maintenance of the facility.

SCOPE OF WORK:

The project includes the placement of 450 feet of 24-inch diameter storm piping and 4 manhole structures along with required trench shoring for trenches more than 4 feet deep and pavement restoration work and traffic control. The pond will be expanded to the south within a parcel owned by Des Moines. Added pond capacity is estimated at 1.9 acre-foot.

Pipe Upgrade

Mobilization

Type 2 Catch basins	4	\$	38,400	
24-inch Pipe	450 feet		28,100	
Road restoration	5000 sq ft		30,000	
Traffic Control/Misc			20,000	
		\$	116,500	2012 dollars

1st Avenue Pond Expansion

Clearing/Grubbing		\$5,000	
Grading		\$45,000	
Landscaping		\$10,000	
Fencing		\$15,000	
Drainage		\$30,000	
Traffic Control		\$20,000	
Miscellaneous		\$50,000	
		\$175,000	2012 dollars

Total Improvements **\$291,500** 2012 dollars



2013-2018 CAPITAL IMPROVEMENT PLAN Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.823
PROJECT	1st Avenue Pond Expansion	Dept Project #	SWM-20
		Project Type:	Improvement
		Council Goals met:	2
		Council Objectives met:	
		Project Status	Adopted
LOCATION	Between 1st Avenue and 4th Avenue S., North Hill Area		
DESCRIPTION:	Expanding existing pond by 1.9 acre-feet.		

EXPENDITURE SCHEDULE											
COST ELEMENTS	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 3,000								\$ 1,000	\$ 2,000	
CIP PROJ MANAGEMENT	8,000								3,000	5,000	
DESIGN / ENGINEERING	42,600								42,600		
LAND	-										
BUILDINGS	-										
IMPROVEMENTS	225,000									225,000	
INSPECTION	26,500									26,500	
CONTINGENCY	79,000								13,000	66,000	
OTHER	-										
TOTAL	\$ 384,100								\$ 59,600	\$ 324,500	

FUNDING SOURCES	TOTAL*	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
SWM CIP	\$ 149,550								\$ 29,800	\$ 119,750	
Normandy Park ILA	234,550								29,800	204,750	
TOTAL	\$ 384,100								\$ 59,600	\$ 324,500	

*Excludes FY 12 Amd



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CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.823
		Dept Project #	SWM-20
		Project Type:	Improvement
PROJECT	1st Avenue Pond Expansion	Council Goals met:	2
		Council Objectives met:	
		Project Status	Adopted
LOCATION	Between 1st Avenue and 4th Avenue S., North Hill Area		

JUSTIFICATION:

The existing 199th trunk line was reviewed for capacity in the Normandy Park Comprehensive Plan - Normandy Creek/Upper Basin. The trunk line was found to be undersized (for most storms) for 200 feet of the length and aged for the remaining sections and does not meet current design standards. The increased size will alleviate local flooding that occurs in the upper basin of Normandy Creek. In order to provide mitigation for downstream impacts, the 1st Avenue Pond that is currently owned by Normandy Park will need to be expanded. An interlocal agreement will need to be made with Normandy Park for the expansion project as well as for the long-term maintenance of the facility. Roughly 50% of the basin area is within Des Moines city limits. The cost for the land (\$42,500 purchased in 2000) has been deducted from Des Moines' share of the cost.

SCOPE OF WORK:

The project includes the placement of 450 feet of 24-inch diameter storm piping and 4 manhole structures along with required trench shoring for trenches more than 4 feet deep and pavement restoration work and traffic control. The pond will be expanded to the south within a parcel owned by Des Moines. Added pond capacity is estimated at 1.9 acre-foot.

1st Avenue Pond Expansion

Clearing/Grubbing	\$5,000	
Grading	\$45,000	
Landscaping	\$10,000	
Fencing	\$15,000	
Drainage	\$30,000	
Traffic Control	\$20,000	
Miscellaneous	\$50,000	
	<u>\$175,000</u>	2012 dollars
Total Improvements	\$225,000	2017 dollars



2013-2018 CAPITAL IMPROVEMENT PLAN

Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.824
		Dept Project #	SWM-32
		Project Type:	Improvement
PROJECT	North Hill Northeast and 197th Street Trunkline Upgrade	Council Goals met:	2
		Council Objectives met:	
		Project Status	Adopted
LOCATION	North Hill		
DESCRIPTION:	Replacement of the approximately 1,200 feet of existing trunkline along 3rd Avenue S. between S. 193rd St. and S. 196th Street.		

EXPENDITURE SCHEDULE

COST ELEMENTS	TOTAL	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
ADMINISTRATION	\$ 26,500								\$ 5,500	\$ 21,000	
CIP PROJ MANAGEMENT	7,700								2,200	5,500	
DESIGN / ENGINEERING	53,300								53,300		
LAND	-										
IMPROVEMENTS	275,000									275,000	
INSPECTION	52,300									52,300	
CONTINGENCY	120,000								18,000	102,000	
SALES TAX	-										
TOTAL	\$ 534,800								\$ 79,000	\$ 455,800	

FUNDING SOURCES	TOTAL	FY 10 Act	FY 11 Act	FY 12 Est	FY 12 Amd	FY 11	FY 14	FY 15	FY 16	FY 17	FY 18
SWM CIP	\$ 534,800								\$ 79,000	\$ 455,800	
TOTAL	\$ 534,800								\$ 79,000	\$ 455,800	

*Excludes FY 12 Amd



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Surface Water Management

CAPITAL IMPROVEMENT PLAN REQUEST FORM

CATEGORY	Surface Water Management	City Project #	451.824
		Dept Project #	SWM-32
		Project Type:	Improvement
PROJECT	North Hill Northeast and 197th Street Trunkline Upgrade	Council Goals met:	2
		Council Objectives met:	
LOCATION	North Hill	Project Status	Adopted

JUSTIFICATION:

About 1,600 feet of concrete pipe in the North Hill area needs to be replaced or upgraded due to pipes being undersized, pipe slopes being reversed (not allowing gravity flow), and in some cases the pipes are at their expected design life. A section of pipe known as the Northeast Trunkline is located between 193rd Street and 197th Street and between 4th Avenue and 3rd Avenue. This trunkline collects runoff from the drainage basin that includes the Westwood and Forest Meadows developments and connects to the proposed 199th Trunkline Project. The 197th Trunkline Project includes a 350-foot section of pipe along 199th Street that will connect to the recently completed 204th Avenue Trunkline. Studies of the North Hill Trunklines show that these sections are inadequate to carry the two through ten year design flows (under both gravity and pressure flow conditions) - the standard is to carry a 25-year frequency storm without overtopping.

SCOPE OF WORK:

Northeast Trunkline:
 625 feet of 18-inch pipe
 625 feet of 24-inch pipe
 5 type I catch basins
 9 type II manholes
 2700 cubic yards of backfill
 shoring
 traffic control
 1,250 feet of half street overlay
 6300 sf of road patch



GLOSSARY OF TERMS

ADA: Acronym for “Americans with Disabilities Act.”

ARRA: Acronym for “American Recovery and Reinvestment Act” or commonly referred to as *The Stimulus* or *The Recovery Act*

ASARCO: Acronym for “American Smelting and Refining Company.”

ASE: Acronym for “Automated Speed Enforcement” Program, which addresses traffic safety in school zones: 1) Woodmont Elementary School (16th Avenue South); and 2) Midway Elementary School and Pacific Middle School (24th Avenue South).

BFP: Boating Facilities Program state grant, administered by the Washington State Recreation and Conservation Office (RCO).

BRAC: Acronym for “Bridge Replacement Advisory Committee,” which advises WSDOT’s Highways and Local Programs (H&LP) Director to help inform the selection of bridge projects for funding from WSDOT’s Highway Bridge Program (HBP).

CDBG: Acronym for “Community Development Block Grant.”

CIP: Acronym for “Capital Improvement Plan.”

CMAQ: Acronym for “Congestion Mitigation and Air Quality.”

CTED: Acronym for “Community, Trade and Economic Development.”

Capital Expenditure: An expenditure which leads to the acquisition of a physical asset with a cost between \$5,000 and \$25,000 and a useful life of at least one year. Such expenditures are charged through an individual department’s operating budget and do not include those provided for in the Capital Improvement Plan project budget.



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GLOSSARY

Capital Facility: A structure, improvement, piece of equipment or other major asset, including land, that has a useful life of at least five years. Capital facilities are provided by or for public purposes and services.

Capital Improvement: A project to create, expand, or modify a capital facility. The project may include design, permitting, environmental analysis, land acquisition, construction, landscaping, site improvements, initial furnishings and equipment and studies related to need and implementation. The project cost must exceed \$25,000 and have a useful life of five years.

Capital Improvement Plan: An approach or technique for identifying and forecasting capital outlay decisions that a government expects to make over a six year period.

Capital Outlay: Expenditures that result in the acquisition of or addition to capital assets.

Capital Project: The largely one-time cost for acquisition, construction, improvement, replacement or renovation of land structures and improvements thereon.

Comprehensive Plan: A method to utilize and strengthen the existing role, processes, and powers of local governments to establish and implement comprehensive planning programs which guide and control future development.

Contingency: A budgetary reserve set aside for emergency or unanticipated expenditures.

DMLF: **Acronym for** “Des Moines Legacy Foundation.”

DMMD: **Acronym for** “Des Moines Memorial Drive.”

Debt: An obligation resulting from the borrowing of money or the purchase of goods and services.



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GLOSSARY

Debt Service: The payment of principal and interest on borrowed funds and required contributions to accumulate monies for future retirement of bonds.

Debt Reserve: Monies restricted for the payment of principal and interest on outstanding bonds, usually based on the average annual debt service due on the outstanding bonds. A bond covenant that provides additional security for bond holders.

DOE: Acronym for “Department of Ecology.”

EDA: Acronym for “Economic Development Administration.”

EECBG: Acronym for “Energy Efficiency and Conservation Block Grant Program” which provides funds used for energy efficiency and conservation programs and projects community wide, as well as renewable energy installations on government buildings.

Expenditure/Expense: This term refers to the outflow of funds paid for an asset obtained or goods and services obtained.

FEMA: Acronym for “Federal Emergency Management Agency.”

FHWA: Acronym for “Federal Highway Administration.”

Fund: A fiscal/accounting entity that is established to accomplish specific objectives and carry out specific activities. The operation of each fund is accounted for by providing a separate set of self-balancing accounts that comprise its assets, liabilities, fund equity, revenues and expenditures.

Fund Balance: Fund equity that reflects the accumulated excess of revenues and other financing sources over expenditures and other uses.

General Fund: The General Fund accounts for all revenues and expenditures not required to be accounted for in another fund. As is usual in state and local governments, it is the largest and most important accounting entity of the City.



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GLOSSARY

General Governmental: The term describes funding and programs related to activities such as public safety, parks, transportation, and public health. Revenues to support such activities are generated primarily from taxes and user fees.

General Obligation Bonds: Bonds that finance a variety of public projects that are backed by the full faith and credit of the issuing government.

GIS: Acronym for “Geographical Information System.”

GO: Acronym for “General Obligation” Bonds.

Grant: A contribution by Federal, State, and other jurisdiction or organization to support a particular function.

HES: Acronym for “Hazard Elimination Safety.”

HOV: Acronym for “High Occupancy Vehicle.”

HSPF: Acronym for “Hydrological Simulation Program – Fortran.”

HVAC: Acronym for “Heating, Ventilating, and Air Conditioning.”

IAC: Acronym for Washington State Interagency Committee for Outdoor Recreation. This agency now is called Recreation and Conservation Office (RCO).

ILA: Acronym for “Interlocal Agreement”.

Impact Fees: A payment of money imposed by the City upon development activity as a condition of issuance of a building permit to pay for public facilities needed to serve new growth and development, and to mitigate the impacts of the development activity on the existing public facilities.



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GLOSSARY

Infrastructure: The physical assets of a government (e.g., streets, bridges, water, sewer, storm systems, public buildings, parks, etc.).

In-Lieu: A payment alternative for funding capital expenditures.

Interfund Transfer: The movement of monies between funds of the same government entity.

ISTEA: Acronym for “Intermodal Surface Transportation Efficiency Act of 1991”.

KDM: Acronym for “Kent Des Moines” Road.

Level of Service: A quantifiable measure of the amount of public facility that is provided. Typically, measure of levels of service are expressed as ratios of facility capacity to demand.

LID: A Local Improvement District, or special assessments made against certain properties to defray part or all of the cost of a specific improvement or service deemed to primarily benefit those properties.

MCI: Acronym for “Municipal Capital Improvement” Fund.”

Ordinance: A formal legislative enactment by the governing body of a municipality. If it is not in conflict with any higher form of law, such as a state statute or constitutional provision, it has the full force and effect of law within the boundaries of the municipality to which it applies.

POS: Acronym for “Port of Seattle.”

PSE: Acronym for “Puget Sound Energy.”

Pac Hwy: Pacific Highway South.



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GLOSSARY

Park In-Lieu Fees: A voluntary payment of money from a subdivision or multi-family development as an alternative to providing open space or park land for recreation purposes.

Pay-As-You-Go Basis: A term used to describe the financial policy of a government that finances all of its capital outlays from current revenues rather than borrowing. A government that pays for some improvements from current expenses and by borrowing is said to be on a modified pay-as-you-go basis.

Program: A distinct function of city government provided to the public or a function providing support to the direct services of other city departments.

Proprietary: The term describes funding and programs related to government owned public facilities that serve the public such as water, sewer, and surface water utilities, or recreation facilities such as marinas. Revenues to support such activities are generated primarily from user rates.

Public Facilities: Streets, roads, highways, bridges, sidewalks, street and road lighting systems, traffic signals, domestic water systems, storm and sanitary sewer systems, and parks and recreational facilities, including the necessary ancillary and support facilities under the ownership of the City of Des Moines or other government entity.

Public Services: Fire protection and suppression, law enforcement, public health, education, recreation, environmental protections, and other governmental services.

PWTF Loan: Acronym for “Public Works Trust Fund Loan”.

RAB: Acronym for “Round-a-bout.”

RCO: The Washington State Recreation and Conservation Office (formerly the Office of the Interagency Committee, also known as IAC).

REET: Acronym for “Real Estate Excise Tax”.



ROW: Right-of-Way

Resolution: A special or temporary order of a legislative body; an order of a legislative body requiring less legal formality than an ordinance or statute.

Revenue: Money that flows into the local government. It is recurring if it is received on a consistent basis (e.g., sales taxes and property taxes) and nonrecurring if it is received irregularly (e.g., federal and state grants).

Revenue Bonds: Revenue bonds are used for such public projects that will generate revenue producing facilities. Unlike general obligation bonds, revenue bonds are not backed by the full financial resources of the jurisdiction. Instead, security is offered by pledging revenues generated from the new facility.

SJUM: Acronym for “Steven J. Underwood Memorial” Park.

SRTS: Acronym for “Safe Routes to School.”

STP: Acronym for “Surface Transportation Program.”

SWM: Acronym for “Surface Water Management” Fund.”

Tax: Compulsory charge levied by a government to finance services performed for the common benefit.

TEA21: Acronym for “Transportation Equity Act for the 21st Century.”

TIA: Acronym for “Transportation Improvement Account.”

TIB: Acronym for “Transportation Improvement Board,” an independent state agency that makes and manages street construction and maintenance grants throughout Washington State.



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GLOSSARY

TPP: Acronym for “Transportation Partnership Program.”

User Fee: The payment of a fee for a direct receipt of a public service by the party benefiting from the service.

WRIA: Acronym for “Water Resource Inventory Area.”

WSDOT: Acronym for “Washington State Department of Transportation.”