

MUNICIPAL FACILITIES COMMITTEE AGENDA

**June 25, 2015 - North Conference Room
21630 11th Avenue South – Des Moines 98198
5:30 – 6:50 PM**

1. Call to order
2. Approve minutes from April 23, 2015 meeting.
3. Marina's Sustainability Plan/ Marina Development Options - Joe Dusenbury and Dunyele Mason - 10 minutes (Staff to provide a progress report on the plan, including a list of the capital improvement projects.)
4. Review of Marina/Beach Park parking survey. Joe Dusenbury – 20 minutes
5. 2016 – 2021 MCI, Marina and Fund 506 CIP Budgets – Patrice Thorell and Scott Romano- 30 minutes (Staff to provide a list of the proposed 2016-2021 MCI and Fund 506 capital improvement projects.)
6. Park, Recreation & Senior Service Master Plan Update - Patrice Thorell - 10 minutes

Draft Minutes Des Moines City Council Municipal Facilities Committee – 4/23/2015

Meeting called to order: 6:00pm on April 23, 2015 in North Conference Room @ 21630 11th Ave S. Des Moines, WA 98918

Council Members

Melissa Musser – Chair
Matt Pina – Mayor Pro Tem
Jeremy Nutting – Council Member

Visitors

Bill Linscott, Resident
Patti Lindscott, Resident
Ben Stewart, Resident
Todd Powell, Federal Way Resident

City Staff

Tony Piasecki, City Manager
Joe Dusenbury, Harbormaster
Patrice Thorell, Parks & Rec. Director
Dunyele Mason, Finance Director
Michael Matthias, Asst City Mgr
Dan Brewer, Public Works Director
Janet Best, Admin Asst.

Minutes of the 3/23/2015 meeting were unanimously approved.

AGENDA:

1. Marina's Sustainability Plan Update
2. Tourism Promotion "Tothebeachwa.com"
3. Property Donation

MEETING:

1. Harbor Master Joe Dusenbury explained that through a meeting with Dunyele and Michael (Finance Director and Asst City Manager) that a different approach at identifying the priorities for the marina is being created. It identifies the different activities that take place and what revenues, expenses and capital needs there are for each. Dunyele went on to give an overview of the four (4) zones. The focus will be on the first zone which is Marina Operations. In this zone a number of different projections and assumption were made. There was discussion of assets and liabilities of each zone and revenue if any supporting each. Comments included that without new revenue sources we are very constrained. The continued goal will be a presentation to the whole City Council May 14.
2. Parks, Recreation & Senior Services Director, Patrice Thorell provided information regarding the new tothebeach.com initiative. The site is to promote the vast opportunities individuals have while frequenting our shores. All locations are identified (Redondo, Salt Water State Park, Beach Park, Marina) and the various features present at each. She shared that the website is nearly complete and will link individuals to great places, year-round adventures, festivals, activities and events, dining establishments, land and water trail maps and much more.
3. Patrice shared that a citizen plans to donate vacant land to the City for park purposes. The property is 13,000 square feet in the Woodmont area. A King County Department of Assessments print out was provided on the property.

The meeting was adjourned at 6:50 pm.

Minutes submitted by: Janet Best, Admin Assistant

DATE: June 17, 2015

TO: MUNICIPAL FACILITIES COMMITTEE
CITY MANAGER, DIRECTORS

FROM: DUNYELE MASON, FINANCE DIRECTOR

RE: 2016-2021 CAPITAL IMPROVEMENTS PLAN

Introduction

Attached is a working draft of the 2016-201 Capital Improvements Plan for your review and consideration. All amounts are in thousands. Thus a project estimated to cost \$425,000 will be listed as \$425. The list of project expenditures starts on page 8. The list of funding sources and which projects will use each funding source starts on page 11. The listing of projects contain the page number where detailed description of the proposed work as well as the explanation/justification as to why the work is a priority. This document shares some features of the past format and some features are different.

Changes and Process

The most fundamental difference is that this process will result in a document and a PLAN which is adopted by council in the summer. This PLAN provides the building blocks for the capital BUDGET that will be adopted later this year along with the Operating Budget.

Each area of the city creates an inventory of facilities related to its programs usually through a master plan process (such as for Parks), rate setting process (such as for SWM and Marina) or an annual review (such as the TIP for transportation). This view is often a **20 year** view. The inventory and long term plans are prioritized and then available funding is considered. Based on estimated available funding the highest priority projects are brought forward to be included in the six year 2016-201 Capital Improvements Plan process. Thus this plan does not represent a “wish list” nor does it reflect all urgent capital needs, but rather it is designed to reflect the hard choices made to realistically identify priorities of spending identifiable, scarce resources. This plan represents a **6 year** view. The six year plan though no longer a budget, remains a financial document. All continuing capital projects and the projects authorized by the Plan Year 2016 column in the 2016-2021 Capital Improvements Plan (which have full available funding) will be included for consideration as part of the 2016 Capital Budget. The 2016 Capital Budget creates authorized spending appropriations for the next year; a **1 year** view of capital spending.

Another change is major maintenance projects to maintain existing facilities (>\$25,000) have also been included. This change creates added visibility of these significant spending plans and provides an additional mechanism for council input on importance and priority.

REET funding is separated into the first quarter % (REET 1) and the second quarter % (REET 2) as separate sources as state law contains different spending restrictions. A change from the past is REET 2 now is devoted to paying existing, on-going capital related debt. Debt has the first claim on REET before projects, but it is estimated the future REET 2 will be adequate to meet future debt service requirements.

Thus the REET 1 is what is available for funding new capital projects and only the REET 1 is listed in the 2016-2021 Capital Improvements Plan.

Highlights, Analysis and Goals

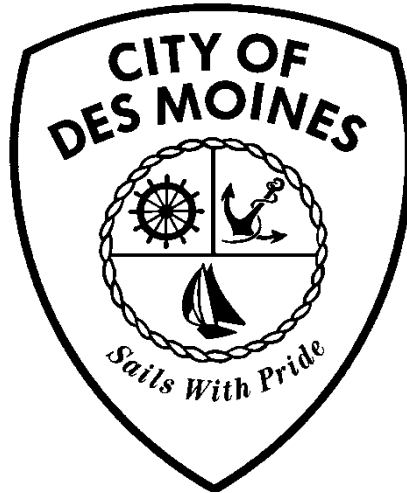
Though the attached document is in the new final document format, the information and projects reflect a preliminary, work in process, first draft. The attached document currently contains more projects than anticipated available funding in some areas.

The goal for the committee is to provide guidance as to project priority (and possibly project scope). Of particular challenge is the REET 1 funding as it has the fewest restrictions on spending. It can be used for a variety of capital (and maintenance) projects relating to streets, trails, parks and administrative facilities. As this committee looks to prioritize the projects, it may wish to remain mindful that trail & transportation projects are also seeking REET 1 funding (see page 11). There is not enough to cover all requests. Only, approximately \$490,000 of future annual REET 1 funding is estimated. Since there is not sufficient resources available for REET 1 funded projects all of the projects are listed in 2017 in Director priority order and are waiting for council's priority guidance. The final 2016-2021 Capital Improvements Plan will eliminate those projects not selected by council. If a project was listed as 100% grant funded, then the funding source could be changed from REET 1 and the project remain in the plan as the understanding would be no budget authority would be granted until the grant was awarded. If a grant requires a significant (more than 20%) match from REET 1, then for planning purposes and to ensure REET 1 does not get over committed, the project is considered to be fully REET 1 funded.

Some of the projects listed may be appropriate (or necessary) for debt financing. The Paid Parking projects may be able to be done through internal debt financing with the debt repaid through parking revenue. The risk inherent in this approach is if actual parking revenues do not materialize as estimated. By keeping the debt funding internal, it is easier to renegotiate the terms of the loan if needed. The source of the interfund loan would be Surface Water Management Operations fund balance.

The North Lot & Beach Park Bulkheads project is so large (\$2.3 million) external debt financing will most likely be required. If external debt is planned, there are two different approaches to consider. The first is to wait until 2018 which is when the current City Hall Addition debt will be paid off. Replacement Councilmanic debt could be issued with REET 2 continuing to be devoted to debt service. The City Hall bond will free up about \$120K annual debt service capacity. A 20 year, 5% bond for the full amount of the Bulkheads project is likely to run about \$186K per year.

If council decides to issue debt for the North Lot & Beach Park Bulkheads project, rather than issuing Councilmanic debt it could consider a Voter Approved bond issuance. This would create a special property tax levy in addition to the regular property tax levy. If this approach is considered, council may also wish to consider including a variety of other popular parks projects for which no other funding is available and asking the voters for a larger, more comprehensive bond (and special property tax levy). Debt service on a \$5.5 million 20 year, 5% bond is likely to run about \$441K per year.



2016-2021

CAPITAL IMPROVEMENTS PLAN

Draft June 16, 2015

CITY OF DES MOINES
2016 – 2021
CAPITAL IMPROVEMENTS PLAN

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“You can avoid reality, but you cannot avoid the consequences of avoiding reality.”

Ayn Rand

INTRODUCTION

This document is the City of Des Moines's 2016 –2021 Capital Improvement Plan. The Capital Improvement Plan provides a multi-year list of proposed major capital and major repair expenditures 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.

In accordance with GMA, the city has prepared its 2016-2021 Capital Improvement Plan ("CIP"). This plan provides long-range policy guidance for the development of capital improvements and identification of major repairs 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 the following elements in long term capital planning:

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.

The 2016-2021 CIP is the result of step 4 listed above.

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.

CIP PROJECT CRITERIA

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. Anticipated major repairs/maintenance greater than \$25,000 have also been included. The next year of capital spending and projects which do not meet the capital criteria are included in the annual Operating Budget.

The Capital Improvement Plan (CIP) lists each proposed project 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 project 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 as well as any projects started but not yet complete.

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 CIP is updated at least annually.

WHY PLAN FOR CAPITAL FACILITIES?

Project planning provides several advantages to the community:

- It 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 project plan forces the city to consciously set priorities between competing projects and interests.
- It 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.
- It promotes a more efficient government operation. Coordination of 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.
- It 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.
- It 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.

- It 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.

FINANCIAL POLICIES & REVENUE SOURCES

The City Council has adopted policies that encourage fiscal responsibility while establishing reliable sources of funding for project expenditures on an ongoing basis. Described below are policies and revenues sources which support the CIP process.

Revenue Policies and Sources

- In 2012, City Council adopted Ordinance No. 1561, which defined one-time revenues and restricts the use of one-time revenues to fund municipal capital improvements projects.
- Rate studies in proprietary funds are conducted periodically to determine the adequacy of user charges and annual contributions for capital improvements. The Marina underwent a rate studies in 2006 and the Surface Water Management Utility completed its latest rate study in 2015. The City Council adopted Ordinance No. XXX, 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 through 2009. Subsequent rate changes for both the Marina and the Surface Water Management Utility are based on the CPI inflation index.
- Park in-lieu fees from single-family subdivisions and multi-family developments are 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 are used to pay for past and future payments of capital expenditures for growth related transportation improvements and are also available to repay the debt service on bonds or loans financed 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 2015 by Res. 1280, which adopted the 2015-2020 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.

CAPITAL IMPROVEMENT PLAN PROCESS

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

1. *Establish 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 compiles an inventory of its own physical plant. This helps to indicate the eventual need for renewal, replacements, expansion or retirement of some of the physical plant. This often is accomplished through a master plan process.

3. *Review the status of on-going projects.* The estimated costs of these projects are reviewed to ensure accuracy and monitor the funding necessary to complete the project.

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

The intent is to come up with a level of project expenditures which 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.

6. *Adopt of the capital program and budget.* The City Council as a whole, reviews, modifies and adopts the Capital Improvement Plan in the summer. Continuing projects plus projects listed in the CIP to start the next fiscal year are included in the Capital Project Budget which council adopts (along with the Operating Budget) before the end of the current year.

7. *Monitoring the Capital Project Budget.* Monitoring the approved capital project 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.

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

CAPITAL PROJECT EVALUATION CRITERIA

Legal. A State or Federal mandate may require a project be implemented. Court orders and judgments concerning annexation property owners' rights, environmental protection, etc. are examples of legal requirements which may affect project prioritization.

Safety. Benefit to the environment, safety or public health of the community is evaluated. For example, all street projects concern public safety, but streets for which documented evidence of existing safety hazards are given higher priority.

Comprehensive Plan. Consistency with the city's Comprehensive Plan is important. Capital projects may directly or indirectly relate to comprehensive plan and should be consistent with the comprehensive plan.

Funding. The extent to which outside funding is available for a project or purchase is evaluated.

Related Project. Sometimes 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 surface water line replacement needed in three years may be given a higher priority in order to coincide with a street resurfacing project needed immediately.

Efficiencies. Projects which substantially improve the quality of service at the same operating cost, or eliminate obsolete and inefficient facilities, or lower operating costs are given higher priority.

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. Projects are generally more easily implemented if there is public demand and support for them.

“Each of us is carving a stone, erecting a column,
or cutting a piece of stained glass in the construction
of something much bigger than ourselves.”

Adrienne Clarkson

SUMMARY LISTING OF PROJECT EXPENDITURES AND FUNDING SOURCES

Page #	Project Name	Total Budget	Project to Date 12/31/14	Sched Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
GENERAL MUNICIPAL IMPROVEMENTS										
<u>Economic Development & Tourism Projects</u>										
17	N. Lot Fishing Pier Paid Parking	400	-	-	400	-	-	-	-	-
19	Redondo Paid Parking	150	-	-	150	-	-	-	-	-
21	Electronic Readerboards	100	-	-	-	50	-	50	-	-
	Total Econ Dev & Tourism	650	-	-	550	50	-	50	-	-
<u>Building Facility Projects</u>										
23	City Hall Generator	280	-	-	-	280	-	-	-	-
25	City Hall Parking Lot	185	-	-	-	-	-	-	-	185
27	Council Chambers Lighting	25	-	-	25	-	-	-	-	-
29	LED Exterior Lighting	34	-	-	34	-	-	-	-	-
31	Activity Center Floor	20	-	-	20	-	-	-	-	-
33	Field House Roof	120	-	-	-	-	120	-	-	-
35	Founders' Lodge Exterior Paint	90	-	-	-	-	-	90	-	-
37	Engineer Bldg Windows	25	-	-	-	-	-	-	25	-
39	City Hall Canopy Repairs	55	-	-	-	-	-	-	55	-
41	Activity Center Exterior Paint	30	-	-	-	-	-	-	-	30
43	Field House Interior Paint	35	-	-	-	-	-	-	-	35
45	PW Service Center Interior Painting	60	-	-	-	-	-	-	-	60
47	Activity Center Irrigation/Landscape	65	-	-	-	-	-	-	-	65
49	Police Dept Storage Building	445	-	-	-	-	-	-	-	445
	Total Building Facilities	1,469	-	-	79	280	120	90	80	820
<u>Technology Projects</u>										
51	Financial System Replacement	250	-	-	100	150	-	-	-	-
	Total Technology	250	-	-	100	150	-	-	-	-

CITY OF DES MOINES
CIP COSTS SUMMARY: 2016-2021
(Amounts in Thousands)

Page #	Project Name	Total Budget	Project to Date 12/31/14	Sched Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
	<u>Park Facility Projects</u>									
53	BP Picnic Shelter/Restrooms	733	-	86	647	-	-	-	-	-
55	Field House Sports Court	185	-	-	-	185	-	-	-	-
57	Cecil Powell Play Equipment	198	-	-	-	198	-	-	-	-
59	Westwood Play Equipment	68	-	-	-	68	-	-	-	-
61	Field House Skate Park	155	-	-	-	155	-	-	-	-
63	Wooton Park	240	-	-	-	240	-	-	-	-
65	Kiddy Park Play Equipment	210	-	-	-	210	-	-	-	-
67	SJU Equipment, Irrig and Landscape	405	-	-	-	405	-	-	-	-
	Total City Wide Park Facilities	2,194	-	86	647	1,461	-	-	-	-
	<u>Waterfront Facility Projects</u>									
69	North Lot & Beach Park Bulkheads	2,200	-	-	-	2,200	-	-	-	-
71	Redondo Floats	110	-	-	-	110	-	-	-	-
73	Redondo Restroom & Plaza	400	-	-	-	400	-	-	-	-
75	Marina Fishing Pier Restrooms	250	-	-	-	250	-	-	-	-
77	Redondo Fishing Pier Replace Decking	225	-	-	-	225	-	-	-	-
	Total Waterfront Facilities	3,185	-	-	-	3,185	-	-	-	-
	<u>Transportation - Operating Projects</u>									
79	Driver Speed Feedback Signs	30	-	-	15	-	15	-	-	-
81	Guardrail Program	75	-	-	25	-	25	-	25	-
83	Pavement Preservation	2,284	-	59	100	425	425	425	425	425
85	Sidewalk Program	175	-	25	25	25	25	25	25	25
	Total Transport - O&M Projects	2,564	-	84	165	450	490	450	475	450
	<u>Transportation - Capital Projects</u>									
87	Midway SRTS 24th Ave Sidewalk	388	24	27	337	-	-	-	-	-
89	24th Ave South Improve	8,395	7,854	491	50	-	-	-	-	-
91	Gateway - S 216th Segment 1A	6,885	1,063	752	5,070	-	-	-	-	-
93	Marine View Dr Roundabout	2,190	29	23	175	958	1,005	-	-	-
95	Barnes Creek Trail/SR 509 Right of Way	5,664	268	473	323	-	1,800	1,200	1,000	600
97	Redondo Board Walk Replacement	2,815	-	315	2,500	-	-	-	-	-
99	S 224th St Improvements	614	-	114	500	-	-	-	-	-
101	South 268th Street Sidewalk	695	-	60	635	-	-	-	-	-
103	16th Ave - Seg 5A	1,329	-	-	129	91	42	692	375	-
105	SeaTac Signal Improvements	350	-	-	-	150	200	-	-	-
107	South 216th - Segment 3	5,420	-	-	-	270	1,865	3,285	-	-
109	Redondo Area Street Improvements	70	-	-	-	-	70	-	-	-
111	South 240th Street Improve - Seg 1	6,300	-	-	-	-	-	-	735	5,565
113	South 240th Street Improve - Seg 2	4,850	-	-	-	-	-	-	435	4,415
115	Kent-Des Moines Rd - Seg 2	7,200	-	-	-	-	-	-	-	7,200
	Total Transport - Capital Projects	53,165	9,238	2,255	9,719	1,469	4,982	5,177	2,545	17,780
	Total General Municipal Improvements	63,477	9,238	2,339	10,613	5,584	5,592	5,767	3,100	19,050

**CITY OF DES MOINES
CIP COSTS SUMMARY: 2016-2021**
(Amounts in Thousands)

<i>Page #</i>	<i>Project Name</i>	<i>Total Budget</i>	<i>Project to Date 12/31/14</i>	<i>Sched Year 2015</i>	<i>Plan Year 2016</i>	<i>Plan Year 2017</i>	<i>Plan Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>
MARINA CAPITAL IMPROVEMENTS										
117	Dock Electrical Replacements	300	-	-	60	60	-	60	60	60
119	Fuel Dispenser	60	-	-	-	-	60	-	-	-
	Total Marina	360	-	-	60	60	60	60	60	60
SURFACE WATER MANAGEMENT CAPITAL										
121	Barnes Crk/Kent-Des Moines Rd Culvert	1,594	17	94	323	1,160	-	-	-	-
123	Lower Massey Creek Channel Modification	1,710	260	164	1,286	-	-	-	-	-
125	24th Ave Pipeline Replacement/Upgrade	268	-	8	260	-	-	-	-	-
127	Pipe Replacement Program	1,361	-	-	-	49	328	328	328	328
129	1st Ave Pond Expansion	385	-	-	-	-	60	325	-	-
131	5th Ave/212th Street Pipe Upgrade	815	-	-	-	-	-	815	-	-
133	N. Fork McSorely Ck Diversion	432	-	-	-	-	-	-	432	-
135	6th Ave/239th Pipe Replacement	191	-	-	-	-	-	-	191	-
137	14th Ave (268th to 272nd) Pipe Upgrade	478	-	-	-	-	-	-	478	-
139	216th Pl/ Marine View Dr. Pipe Upgrade	309	-	-	-	-	-	-	-	309
141	KDM /16th Avenue Pipe Replacement	272	-	-	-	-	-	-	-	272
143	DMMD 208th to 212th Pipe Project	603	-	-	-	-	-	-	-	603
	Total Surface Water Mgmt	8,418	277	266	1,869	1,209	388	1,468	1,429	1,512
TOTAL CITY WIDE			9,515	2,605	12,542	6,853	6,040	7,295	4,589	20,622

CITY OF DES MOINES
CIP REVENUE SOURCE SUMMARY: 2016-2021

(Amounts in Thousands)

<i>Page #</i>	<i>Project Name</i>	<i>Total Budget</i>	<i>Project to Date 12/31/14</i>	<i>Sched Year 2015</i>	<i>Plan Year 2016</i>	<i>Plan Year 2017</i>	<i>Plan Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>
GENERAL FUND										
51	Financial System Replacement	190	75	85	30	-	-	-	-	-
	Total General Fund	190	75	85	30	-	-	-	-	-
FACILITY REPAIR & REPLACEMENT										
27	Council Chambers Lighting	25	-	-	25	-	-	-	-	-
29	LED Exterior Lighting	34	-	-	34	-	-	-	-	-
31	Activity Center Floor	20	-	-	20	-	-	-	-	-
33	Field House Roof	120	-	-	-	-	120	-	-	-
35	Founders' Lodge Exterior Paint	90	-	-	-	-	-	90	-	-
37	Engineer Bldg Windows	25	-	-	-	-	-	-	25	-
39	City Hall Canopy Repairs	55	-	-	-	-	-	-	55	-
41	Activity Center Exterior Paint	30	-	-	-	-	-	-	-	30
43	Field House Interior Paint	35	-	-	-	-	-	-	-	35
45	PW Service Center Interior Painting	60	-	-	-	-	-	-	-	60
47	Activity Center Irrigation/Landscape	65	-	-	-	-	-	-	-	65
	Total Facility Repair & Replacement	559	-	-	79	-	120	90	80	190
REET - 1st Quarter %										
97	Redondo Board Walk Replacement	2,815	-	43	2	-	-	-	-	-
83	Pavement Preservation	2,284	-	59	100	425	425	425	425	425
95	Barnes Creek Trail/SR 509 Right of Way	905	-	-	284	-	243	162	135	81
101	South 268th Street Sidewalk	204	-	-	204	-	-	-	-	-
53	BP Picnic Shelter/Restrooms	126	-	-	291	(55)	(55)	(55)	-	-
23	City Hall Generator	280	-	-	-	280	-	-	-	-
25	City Hall Parking Lot	185	-	-	-	-	-	-	-	185
55	Field House Sports Court	185	-	-	-	185	-	-	-	-
57	Cecil Powell Play Equipment	198	-	-	-	198	-	-	-	-
59	Westwood Play Equipment	68	-	-	-	68	-	-	-	-
67	SJU Equipment, Irrig and Landscape	287	-	-	-	287	-	-	-	-
75	Marina Fishing Pier Restrooms	250	-	-	-	250	-	-	-	-
71	Redondo Floats	40	-	-	-	40	-	-	-	-
61	Field House Skate Park	155	-	-	-	155	-	-	-	-
77	Redondo Fishing Pier Replace Decking	67	-	-	-	67	-	-	-	-
63	Wooton Park	240	-	-	-	240	-	-	-	-
65	Kiddy Park Play Equipment	210	-	-	-	210	-	-	-	-
73	Redondo Restroom & Plaza	200	-	-	-	200	-	-	-	-
49	Police Dept Storage Building	445	-	-	-	-	-	-	-	445
	Total REET	9,144	-	102	881	2,550	613	532	560	1,136

CITY OF DES MOINES
CIP REVENUE SOURCE SUMMARY: 2016-2021

(Amounts in Thousands)

<i>Page #</i>	<i>Project Name</i>	<i>Total Budget</i>	<i>Project to Date 12/31/14</i>	<i>Sched Year 2015</i>	<i>Plan Year 2016</i>	<i>Plan Year 2017</i>	<i>Plan Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>
ASE (Automatic Speed Enforcement)										
87	Midway SRTS 24th Ave Sidewalk	291	184	43	64	-	-	-	-	-
85	Sidewalk Program	175	25	-	25	25	25	25	25	25
101	South 268th Street Sidewalk	60	-	60	-	-	-	-	-	-
79	Driver Speed Feedback Signs	30	-	-	15	-	15	-	-	-
81	Guardrail Program	75	-	-	25	-	25	-	25	-
	Total ASE	631	209	103	129	25	65	25	50	25
TRAFFIC IMPACT FEES - CITY WIDE										
89	24th Ave South Improve	181	181	-	-	-	-	-	-	-
91	Gateway - S 216th Segment 1A	269	50	-	219	-	-	-	-	-
93	Marine View Dr Roundabout	227	29	23	175	-	-	-	-	-
87	Midway SRTS 24th Ave Sidewalk	97	-	-	97	-	-	-	-	-
105	SeaTac Signal Improvements	350	-	-	-	150	200	-	-	-
107	South 216th - Segment 3	420	-	-	-	80	190	150	-	-
103	16th Ave - Seg 5A	144	-	-	-	-	42	102	-	-
115	Kent-Des Moines Rd - Seg 2	330	-	-	-	-	-	-	-	330
	Total Traffic Impact Fees - City Wide	2,018	260	23	491	230	432	252	-	330
TRAFFIC IMPACT FEES - PAC RIDGE										
99	S 224th St Improvements	614	606	-	8	-	-	-	-	-
	Total Traffic Impact Fees - Pac Ridge	614	606	-	8	-	-	-	-	-
TRAFFIC IN LIEU										
103	16th Ave - Seg 5A	1,094	129	-	-	-	-	590	375	-
89	24th Ave South Improve	127	127	-	-	-	-	-	-	-
91	Gateway - S 216th Segment 1A	925	-	132	793	-	-	-	-	-
93	Marine View Dr Roundabout	783	-	-	-	383	400	-	-	-
107	South 216th - Segment 3	1,300	-	-	-	-	950	350	-	-
113	South 240th Street Improve - Seg 2	2,900	-	-	-	-	-	-	235	2,665
115	Kent-Des Moines Rd - Seg 2	20	-	-	-	-	-	-	-	20
	Total Traffic in Lieu	7,149	256	132	793	383	1,350	940	610	2,685
REDONDO ZONE PARKING										
109	Redondo Area Street Improvements	70	-	-	-	-	70	-	-	-
	Total Redondo Zone Parking	70	-	-	-	-	70	-	-	-
KING COUNTY PARK LEVY										
95	Barnes Creek Trail/SR 509 Right of Way	288	288	-	-	-	-	-	-	-
53	BP Picnic Shelter/Restrooms	316	41	55	55	55	55	55	-	-
	Total King County Park Levy	604	329	55	55	55	55	55	-	-
MCI BALANCE										
103	16th Ave - Seg 5A	91	91	-	-	-	-	-	-	-
	Total MCI Balance	91	91	-	-	-	-	-	-	-
Transportation CIP Balance										
91	Gateway - S 216th Segment 1A	915	915	-	-	-	-	-	-	-
95	Barnes Creek Trail/SR 509 Right of Way	68	68	-	-	-	-	-	-	-
	Total Transportation CIP Fund Balance	983	983	-	-	-	-	-	-	-

**CITY OF DES MOINES
CIP REVENUE SOURCE SUMMARY: 2016-2021**

(Amounts in Thousands)

<i>Page #</i>	<i>Project Name</i>	<i>Total Budget</i>	<i>Project to Date 12/31/14</i>	<i>Sched Year 2015</i>	<i>Plan Year 2016</i>	<i>Plan Year 2017</i>	<i>Plan Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>
	MARINA REVENUES	-								
51	Financial System Replacement	30	-	-	15	15	-	-	-	-
117	Dock Electrical Replacements	300	-	-	60	60	-	60	60	60
119	Fuel Dispenser	60	-	-	-	-	60	-	-	-
	Total Marina Revenues	390	-	-	75	75	60	60	60	60
	SURFACE WATER UTILITY									
123	Lower Massey Creek Channel Modification	1,314	260	164	890	-	-	-	-	-
121	Barnes Crk/Kent-Des Moines Rd Culvert	1,594	17	94	323	1,160	-	-	-	-
125	24th Ave Pipeline Replacement/Upgrade	268	-	8	260	-	-	-	-	-
51	Financial System Replacement	30	-	-	15	15	-	-	-	-
127	Pipe Replacement Program	1,361	-	-	-	49	328	328	328	328
129	1st Ave Pond Expansion	150	-	-	-	-	30	120	-	-
131	5th Ave/212th Street Pipe Upgrade	815	-	-	-	-	-	815	-	-
133	N. Fork McSorely Ck Diversion	432	-	-	-	-	-	-	432	-
135	6th Ave/239th Pipe Replacement	191	-	-	-	-	-	-	191	-
137	14th Ave (268th to 272nd) Pipe Upgrade	478	-	-	-	-	-	-	478	-
139	216th Pl./ Marine View Dr. Pipe Upgrade	309	-	-	-	-	-	-	-	309
141	KDM /16th Avenue Pipe Replacement	272	-	-	-	-	-	-	-	272
143	DMMD 208th to 212th Pipe Project	603	-	-	-	-	-	-	-	603
	Total Surface Water Utility	7,817	277	266	1,488	1,224	358	1,263	1,429	1,512

CITY OF DES MOINES
CIP REVENUE SOURCE SUMMARY: 2016-2021

(Amounts in Thousands)

<i>Page #</i>	<i>Project Name</i>	<i>Total Budget</i>	<i>Project to Date 12/31/14</i>	<i>Sched Year 2015</i>	<i>Plan Year 2016</i>	<i>Plan Year 2017</i>	<i>Plan Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>
LOCAL GRANTS										
95	Barnes Creek Trail/SR 509 Right of Way	44	44	-	-	-	-	-	-	-
91	Gateway - S 216th Segment 1A	31	-	7	24	-	-	-	-	-
123	Lower Massey Creek Channel Modification	396	-	-	396	-	-	-	-	-
129	1st Ave Pond Expansion	235	-	-	-	-	30	205	-	-
111	South 240th Street Improve - Seg 1	3,380	-	-	-	-	-	-	365	3,015
115	Kent-Des Moines Rd - Seg 2	3,600	-	-	-	-	-	-	-	3,600
	Total Local Grants	7,686	44	7	420	-	30	205	365	6,615
STATE GRANTS (Includes: TIB, RCO, CTED, etc.)										
101	South 268th Street Sidewalk	431	-	-	431	-	-	-	-	-
91	Gateway - S 216th Segment 1A	2,800	-	-	2,800	-	-	-	-	-
53	BP Picnic Shelter/Restrooms	291	-	-	291	-	-	-	-	-
67	SJU Equipment, Irrig and Landscape	118	-	-	-	118	-	-	-	-
71	Redondo Floats	70	-	-	-	70	-	-	-	-
77	Redondo Fishing Pier Replace Decking	158	-	-	-	158	-	-	-	-
73	Redondo Restroom & Plaza	200	-	-	-	200	-	-	-	-
93	Marine View Dr Roundabout	1,180	-	-	-	575	605	-	-	-
107	South 216th - Segment 3	3,700	-	-	-	190	725	2,785	-	-
113	South 240th Street Improve - Seg 2	1,750	-	-	-	-	-	-	200	1,550
111	South 240th Street Improve - Seg 1	2,670	-	-	-	-	-	-	370	2,300
115	Kent-Des Moines Rd - Seg 2	3,000	-	-	-	-	-	-	-	3,000
	Total State Grants	16,368	-	-	3,522	1,311	1,330	2,785	570	6,850
FEDERAL GRANTS (Includes: STP, FMSIB, etc.)										
89	24th Ave South Improve	7,264	7,264	-	-	-	-	-	-	-
91	Gateway - S 216th Segment 1A	1,505	-	613	892	-	-	-	-	-
95	Barnes Creek Trail/SR 509 Right of Way	4,359	42	318	20	-	1,557	1,038	865	519
	Total State Grants	13,128	7,306	931	912	-	1,557	1,038	865	519
PRIVATE CONTRIBUTIONS										
21	Electronic Readerboards	100	-	-	-	50	-	50	-	-
89	24th Ave South Improve	823	590	233	-	-	-	-	-	-
91	Gateway - S 216th Segment 1A	115	-	-	115	-	-	-	-	-
113	South 240th Street Improve - Seg 2	200	-	-	-	-	-	-	200	-
111	South 240th Street Improve - Seg 1	250	-	-	-	-	-	-	-	250
115	Kent-Des Moines Rd - Seg 2	250	-	-	-	-	-	-	-	250
	Total Private Contributions	1,738	590	233	115	50	-	50	200	500
DEBT PROCEEDS										
91	Gateway - S 216th Segment 1A	325	325	-	-	-	-	-	-	-
17	N. Lot Fishing Pier Paid Parking	400	-	-	400	-	-	-	-	-
19	Redondo Paid Parking	150	-	-	150	-	-	-	-	-
69	North Lot & Beach Park Bulkheads	2,200	-	-	-	2,200	-	-	-	-
	Total Debt Proceeds	3,075	325	-	550	2,200	-	-	-	-
	TOTAL REVENUE SOURCES	72,255	11,351	1,937	9,548	8,103	6,040	7,295	4,789	20,422

INDIVIDUAL PROJECT DETAIL

N. Lot Fishing Pier Paid Parking



**CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

N. Lot Fishing Pier Paid Parking	310	Summary Project Description:
CIP Category: Waterfront Facility Project		Install a "Pay on Leaving" parking system in the north and south parking lots on the Marina floor.
Managing Department: Marina		

Justification/Benefits: The parking lots on the Marina floor are used by thousands of people each year. They come from all over King County to enjoy the scenery, the beach, the park and the Des Moines Creek Trail. The parking lot is also used for parking, location of community events as well as overflow parking for the events held at the Beach Park facilities. Paid parking is an option to pay for the capital and maintenance requirements.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	-					-						
Land & Right of Way	-					-						
Construction	400			400								
Contingency	-											
Total Expenditures	400	-	-	400	-	-	-	-	-			

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Debt Proceeds	400			400								
Total Funding	400	-	-	400	-	-	-	-	-			

Redondo Paid Parking

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Redondo Paid Parking	310	Summary Project Description:
CIP Category: Waterfront Facility Project		Equip the Redondo parking lot with an automated pay parking system including gates, ticket dispensers and a pay station.
Managing Department: Marina		

Justification/Benefits: Currently this lot operates a seasonal (June - September) "Pay & Display parking system. This type of parking depends on regular enforcement to make it effective and fair to all who use the lot. Upgrading the lot to a "Pay on Leaving" system where a paid ticket is needed to exit the lot will cut enforcement costs and effectively make the lot a year round operation. Collecting fees all year would increase revenues to help pay for the year round costs of maintaining the facility.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	-											
Land & Right of Way	-											
Construction	150			150								
Contingency	-											
Total Expenditures	150			150								

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Redondo Zone Parking Transfer	-											
REET	-											
Debt Proceeds	150			150								
Total Funding	150			150								

Electronic Readerboards



CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Electronic Readerboards	310	Summary Project Description:
Install two electronic reader boards; one at Massey Creek Plaza and another on Pacific Highway.		

CIP Category: Economic Development & Tourism

Managing Department: Plan, Build & PW Admin

Justification/Benefits: Civic Readerboards improve citizen communications, create a sense of place and promote Des Moines as a destination.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	-											
Land & Right of Way	-											
Construction	100				50			50				
Contingency	-											
Total Expenditures	100	-	-	-	50	-	50	-	-			

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Private Contributions	100											
Total Funding	100	-	-	-	50	50	-	50	-			

City Hall Generator

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

City Hall Generator	310	Summary Project Description:
CIP Category: Building Facility Project		Install a new optional 400 Kw standby generator behind City Hall.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: The 2006 winter storm season was rather severe. City Hall and Engineering were not operational at times. This optional standby generator will help city staff perform their vital functions during emergency conditions and keep City Hall open to the public.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	33				33							
Land & Right of Way	-											
Construction	227				227							
Contingency	20				20							
Total Expenditures	280				280							

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
REET	280				280							
Facility Repair & Replace Fund	-											
Total Funding	280				280							

City Hall Parking Lot

City Hall Parking Lot	310	Summary Project Description:
CIP Category: Building Facility Project		Rebuild southern and eastern City Hall parking lots. The existing southern ecology block wall will be rebuilt prior to parking lot construction work.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: 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.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	25									25	
Land & Right of Way	-										
Construction	142									142	
Contingency	18									18	
Total Expenditures	185									185	

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
REET	185									185	
Facility Repair & Replace Fund	-										
Total Funding	185									185	

Council Chambers Lighting

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Council Chambers Lighting	506	Summary Project Description:
		Improve lighting in Council Chambers.

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits: The new lighting is necessary now that the new video recording system has been installed. The new lighting will remove the shadowing on the speakers and Council members and will provide a better quality recording for viewers.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	-											
Land & Right of Way	-											
Construction	25			25								
Contingency	-											
Total Expenditures	25	-	-	-	25	-	-	-	-	-	-	-

Funding Sources	Total	Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year			
Facility Repair & Replace Fund	25			25								
Total Funding	25	-	-	-	25	-	-	-	-	-	-	-

LED Exterior Lighting

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

LED Exterior Lighting		506
CIP Category: Building Facility Project		
Managing Department: Plan, Build & PW Admin		
Summary Project Description:		
Activity Center	\$4,000	SJU Park \$2,100
PW Service Ctr	\$7,200	
City Hall	\$9,100	
PW Engineering	\$2,750	
Police	\$5,200	
Field House	\$3,500	

Justification/Benefits: This is both a maintenance and energy savings measure as well as a vandalism deterrent.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	-										
Land & Right of Way	-										
Construction	34			34							
Contingency	-										
Total Expenditures	34			34							
Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Facility Repair & Replace Fund	34			34							
Total Funding	34			34							

Activity Center Floor



Field House Roof

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Field House Roof	506	Summary Project Description:
		Install new roof with fall protection at the Field House.

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits: The existing cedar shake roof is old, deteriorating and growing quite a bit of moss. The new roof is needed to prevent water intrusion into the building and further interior damage

PROJECT SCOPE				ANNUAL ALLOCATION									
Expenditures				Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design			6					6					
Land & Right of Way			-										
Construction			99					99					
Contingency			15					15					
Total Expenditures			120					120					

Funding Sources				Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
REET			-										
Facility Repair & Replace Fund			120					120					
Total Funding			120					120					

Founders' Lodge Exterior Paint

**CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Founders' Lodge Exterior Paint	506	Summary Project Description:
CIP Category: Building Facility Project		Paint the outside of the Founders' Lodge.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: The moist environment causes quite a bit of moss and algae to grow on the siding. This growth further deteriorates the paint.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	-										
Land & Right of Way	-										
Construction	90						90				
Contingency	-										
Total Expenditures	90	-	-	-	-	-	90	-	-	-	-
Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Facility Repair & Replace Fund	90										
Total Funding	90	-	-	-	-	-	90	-	-	-	-

Engineer Bldg Windows

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Engineer Bldg Windows	506	Summary Project Description: Replace upstairs windows and Information Systems' windows.
CIP Category: Building Facility Project		
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: The existing single pane windows are not energy efficient, most do not have screens to keep the bugs out and some are extremely had to open and close. New energy efficient windows would save on energy costs and prevent bugs from entering the building when opened.

PROJECT SCOPE				ANNUAL ALLOCATION														
Expenditures			Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021							
Design			-															
Land & Right of Way			-															
Construction			25							25								
Contingency			-															
Total Expenditures			25	-	-	-	-	-	-	25	-							

Funding Sources			Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
Facility Repair & Replace Fund			25							25	
Total Funding			25	-	-	-	-	-	-	25	-

City Hall Canopy Repairs



**CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

City Hall Canopy Repairs	506	Summary Project Description:
CIP Category: Building Facility Project		Repair the structural timbers and steel beams to prevent further deterioration while maintaining the same aesthetic look of the walkway.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: The existing walkway canopy has structural defects in the wooden timbers.

PROJECT SCOPE				ANNUAL ALLOCATION									
Expenditures				Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design											16		
Land & Right of Way													
Construction											34		
Contingency											5		
Total Expenditures											55		
Funding Sources				Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Facility Repair & Replace Fund											55		
Total Funding											55		

Activity Center Exterior Paint



**CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Activity Center Exterior Paint	506	Summary Project Description:
CIP Category: Building Facility Project		Paint the exterior of the Activity Center.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: The exterior paint is faded and flaking off in various places. New paint would enhance the look and prevent weather intrusion and further building element deterioration.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	-											
Land & Right of Way	-											
Construction	30											30
Contingency	-											
Total Expenditures	30	-	-	-	-	-	-	-	-	-	-	30

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Facility Repair & Replace Fund	30											30
Total Funding	30	-	-	-	-	-	-	-	-	-	-	30

PW Service Center Interior Painting

**CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

PW Service Center Interior Painting	506	Summary Project Description: Paint the interior of the PW Service Center.
CIP Category: Building Facility Project		
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: It has been many years since the inside has been painted. New paint would improve the interior looks and make the building more presentable for the meetings and classes held there.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	-										
Land & Right of Way	-										
Construction	60										60
Contingency	-										
Total Expenditures	60	-	-	-	-	-	-	-	-	-	60

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Facility Repair & Replace Fund	60										60
Total Funding	60	-	-	-	-	-	-	-	-	-	60

Field House Interior Paint

PW Service Center Interior Painting	506	Summary Project Description:
CIP Category: Building Facility Project		Paint the interior of the PW Service Center.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: It has been many years since the inside has been painted. New paint would improve the interior looks and make the building more presentable for the meetings and classes held there.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	-										
Land & Right of Way	-										
Construction	60										60
Contingency	-										
Total Expenditures	60	-	-	-	-	-	-	-	-	-	60

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Facility Repair & Replace Fund	60										60
Total Funding	60	-	-	-	-	-	-	-	-	-	60

Activity Center Irrigation/Landscape

Activity Center Irrigation/Landscape	Summary Project Description:
CIP Category: Building Facility Project Managing Department: Plan, Build & PW Admin	Irrigate and landscape the front lawn area between the building and South 216th Street.

Justification/Benefits: Now that South 216th has been improved and the Civic Readerboard is functional, irrigation and landscaping the front lawn area will make the facility more appealing to the public and potential renter groups.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	9									9	
Land & Right of Way	-										
Construction	53									53	
Contingency	3									3	
Total Expenditures	65									65	

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Facility Repair & Replace Fund	65									65	
Total Funding	65									65	

Police Dept Storage Building

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Police Dept Storage Building	310	Summary Project Description:
CIP Category: Building Facility Project		Construction of a new building behind the existing City Shop and Engineering offices to store property seized by police actions.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: 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.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	60								60		
Land & Right of Way	-										
Construction	340								340		
Contingency	45								45		
Total Expenditures		-	-	-	-	-	-	-	445		

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
REET	445								445
Total Funding	445	-	-	-	-	-	-	-	445

Financial System Replacement



CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Financial System Replacement	511.xxx	Summary Project Description:
CIP Category: Technology Project		Replace the financial software and upgrade related server. Replacement system will be a fully integrated system containing general ledger, budgeting, payroll, accounts payable, accounts receivable, centralized cashing and project accounting modules.
Managing Department: Finance		

Justification/Benefits: The current financial system was purchased in 2002 and is reaching its technological end of life. The software provider has indicated it will not update the financial system to accommodate future operating system upgrades.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	-										
Land & Right of Way	-										
Construction	250			100	150						
Contingency	-										
Total Expenditures	250	-	-	100	150	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
General Fund	190	75	85	30							
Marina Rates	30			15	15						
Surface Water Utility	30			15	15						
Total Funding	250	75	85	60	30	-	-	-	-	-	-

BP Picnic Shelter/Restrooms



CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

BP Picnic Shelter/Restrooms	310
CIP Category: Park Facility Projects Managing Department: Parks, Recr & Sr Services	
Summary Project Description: Rehabilitate the Picnic Shelter and Restroom including building a new stem wall, update mechanical, electrical and plumbing systems, fixtures, interior an dexterior finishes and drainage to serve the high volume Beach park and Des Moines Creek Trail park users.	

Justification/Benefits: Des Moines Beach Park is listed on the State and National Historic Register. Expert analysis was completed in 2004 regarding the prioritized and phased rehabilitation of the park's assets. The project is part of a multi-phased plan to rehabilitate the historic buildings.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	106		86	20								
Land & Right of Way	-											
Construction	565			565								
Contingency	62			62								
Total Expenditures	733	-	86	647	-	-	-	-	-			

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
REET	126			291	(55)	(55)	(55)					
King County Park Levy	316	41	55	55	55	55	55					
State of Washington Grants	291			291								
Total Funding	733	41	55	637	-	-	-	-	-			

Field House Sports Court

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Field House Sports Court	310	Summary Project Description:
CIP Category: Park Facility Projects Managing Department: Parks, Recr & Sr Services		Renovate Tennis Court at the Field House to become a Multi Sports Court.

Justification/Benefits: The tennis court needs repairs and moving to a multi-sports court will accommodate current usage needs.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	24				24							
Land & Right of Way	-											
Construction	145					145						
Contingency	16					16						
Total Expenditures	185					185						

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
REET	185				185							
Total Funding	185				185							

Cecil Powell Play Equipment

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Cecil Powell Play Equipment	310	Summary Project Description:
CIP Category: Park Facility Projects		Replace the play structure that was removed for safety reasons due to age and deterioration. Park renovation will include ADA compliance, picnic table and bench replacement.
Managing Department: Parks, Recr & Sr Services		

Justification/Benefits: Cecil Powell Park was transferred to the city by the Powell family in 1991. The play equipment is over 25 years old, in poor condition and doesn't meet current Play Equipment ASTM and ADA standards. The installation of new equipment will require meeting current ADA access standards.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	24				24						
Land & Right of Way	-										
Construction	160				160						
Contingency	14				14						
Total Expenditures	198	-	-	-	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
REET	198				198						
Total Funding	198	-	-	-	-	-	-	-	-	-	-

Westwood Play Equipment



CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Westwood Play Equipment	310	Summary Project Description:
CIP Category: Park Facility Projects		Replace the wooden play structure. Park renovation will include ADA compliance, picnic table and bench replacement. Installation of new equipment will require meeting current ADA access standards.
Managing Department: Parks, Recr & Sr Services		

Justification/Benefits: The wooden play structure needs to be replaced due to age and deterioration. Westwood Park was constructed by a developer in the early 2000's. The wooden play equipment is over 15 years old and becoming a safety hazard.

PROJECT SCOPE		ANNUAL ALLOCATION									
		Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Expenditures	Total Budget										
Design	-										
Land & Right of Way	-										
Construction	65				65						
Contingency	3				3						
Total Expenditures	68				68						
Funding Sources	Total Budget										
REET	68				68						
Total Funding	68				68						

Field House Skate Park



CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Field House Skate Park	310	Summary Project Description:
CIP Category: Park Facility Projects		Repairs to the skate park.
Managing Department: Parks, Recr & Sr Services		

Justification/Benefits: The concrete skate park was built in 1996 with volunteer and parks crew labor. It will soon be 20 years old. The skate park is outdated and there are missing edges which must be repaired or replaced.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	-										
Land & Right of Way	-										
Construction	155				155						
Contingency	-										
Total Expenditures		-	-	-	-	-	-	-	-		

Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
Design	-								
Land & Right of Way	-								
Construction	155				155				
Contingency	-								
Total Expenditures		-	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
REET	155				155				
Total Funding		-	-	-	-	-	-	-	-

Wootton Park



CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Wooton Park	310	Summary Project Description:
CIP Category: Park Facility Projects Managing Department: Parks, Recr & Sr Services		Replace play equipment and picnic shelter.

Justification/Benefits: Wooton Park was transferred to the City from King County due to annexation in 1997. The park's play equipment is over 25 years old. The equipment is outdated and replacement parts are not available. The wooden gazebo also needs replacement.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	-										
Land & Right of Way	-										
Construction	240				240						
Contingency	-										
Total Expenditures					240						

		-	-	-	-	-	-	-	-
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Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
REET	240				240				
Total Funding	240				240				

Kiddy Park Play Equipment



CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Kiddy Park Play Equipment	310	Summary Project Description:
CIP Category: Park Facility Projects		Relocate out of the gully and replace play equipment included ADA access.
Managing Department: Parks, Recr & Sr Services		

Justification/Benefits: Kiddy Park was built in 1987. The play equipment is 28 years old and the location is not ADA accessible. It does not meet current ASTM and ADA requirements.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	-										
Land & Right of Way	-										
Construction	210				210						
Contingency	-										
Total Expenditures		-	-	-	210	-	-	-	-		

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
REET	210				210				
Total Funding		-	-	-	210	-	-	-	-

SJU Equipment, Irrig and Landscape



CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

SJU Equipment, Irrig and Landscape	310	Summary Project Description:
CIP Category: Park Facility Projects Managing Department: Parks, Recr & Sr Services		Add play equipment, new irrigation, bring in topsoil to level the grass area and hydroseed over the topsoil.

Justification/Benefits: The existing irrigation system is old and has been repaired many times. The grass area has quite a bit of moss from prior leaks. This high use park does not have play equipment for use by the neighborhood and the thousands of annual visitors using the facility for sports leagues and tournaments.

PROJECT SCOPE		ANNUAL ALLOCATION									
		Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	53				53						
Land & Right of Way	-										
Construction	310				310						
Contingency	42				42						
Total Expenditures	405	-	-	-	405	-	-	-	-	-	-

Funding Sources		Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
					287						
REET	287										
State of Washington Grants (Unconfirmed)	118				118						
Total Funding	405	-	-	-	405	-	-	-	-	-	-

North Lot & Beach Park Bulkheads



CITY OF DES MOINES
2016-2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

North Lot & Beach Park Bulkheads	310	Summary Project Description:
CIP Category: Waterfront Facility Project		Replace the north bulkhead in the north parking lot and replace or repair sections of the bulkhead and revetment in front of the Beach Park. It would also improve public access to the beach from both the north parking lot and the Beach Park, remove unsuitable revetment material from the beach and include wider sidewalks and pedestrian amenities.
Managing Department: Marina		

Justification/Benefits: Bulk heads are aged and damaged by storm activity which require periodic spot rebuilding. Replacing the bulkheads will provide long-term protection with lower maintenance costs.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	-											
Land & Right of Way	-											
Construction	2,200				2,200							
Contingency	-											
Total Expenditures	2,200	-	-	-	-	2,200	-	-	-			

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Debt Proceeds	2,200				2,200							
Total Funding	2,200	-	-	-	-	2,200	-	-	-			

Redondo Floats

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Redondo Floats	310	Summary Project Description:
CIP Category: Waterfont Facility Project		Replace the last of the old floats. Demolish the old concrete brow and replace with a new one that would accomodate the new floats and increase the width of hte ramp by 3 feet. Replace all the pile hoops with a better design and clean up rock revetment on both sides of the ramp.
Managing Department: Marina		Float \$15,000; Concrete work \$75,000; new hoops \$10,000.

Justification/Benefits:

PROJECT SCOPE		ANNUAL ALLOCATION									
		Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
	Expenditures	12/31/14	2015	2016	2017	2018	2019	2020	2021		
Design	Total Budget										
Land & Right of Way											
Construction					100						
Contingency					10						
Total Expenditures	110	-	-	-	110	-	-	-	-	-	-

Funding Sources		Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
		12/31/14	2015	2016	2017	2018	2019	2020	2021		
REET	Total Budget				40						
State of Washington Grants (Unconfirmed)					70						
Total Funding	110	-	-	-	110	-	-	-	-	-	-

Redondo Restroom & Plaza



CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Redondo Restroom & Plaza	310	Summary Project Description:
		Demolish existing restroom and replace with smaller pre-fab structure across the street. Replace restroom foundation with surface similar to rest of plaza and add railings. \$250,000 for pre-fab restroom and \$150,000 for ground restoration.

CIP Category: Waterfont Facility Project

Managing Department: Marina

Justification/Benefits: The existing restrooms are 35 years old and are functionally obsolete. The restrooms are built on a pier with all of the plumbing hanging below the structure where it can and has been destroyed by storms.

PROJECT SCOPE		ANNUAL ALLOCATION								
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	
Design	-									
Land & Right of Way	-									
Construction	400				400					
Contingency	-									
Total Expenditures		-	-	-	400	-	-	-	-	

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
REET	200				200				
State of Washington Grants (Unconfirmed)	200				200				
Total Funding	400	-	-	-	400	-	-	-	-

Marina Fishing Pier Restrooms



**CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Marina Fishing Pier Restrooms	310	Summary Project Description:
CIP Category: Waterfont Facility Project		Demolish existing restroom and shower building located next to Marina office and the existing restrooms located near the fishing pier and replace them with 6 module unisex toilet, sink, shower units at a location centrally located to both areas but which will be outside (and therefore not conflict with) the Marina Zone 2 (Economic Development Zone). The unisex style units would include a toilet and sink in each unit and at least two units would also include a shower that would be operated with tokens issued by the Marina office.
Managing Department: Marina		

Justification/Benefits: Existing restrooms are significantly deteriorated, are at the end of life and need to be replaced. These restrooms are for public access (including patrons of the marina guest moorage).

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	-											
Land & Right of Way	-											
Construction	247				247							
Contingency	3					3						
Total Expenditures	250	-	-	-	250	-	-	-	-			

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
REET	250				250							
Total Funding	250	-	-	-	250	-	-	-	-			

Redondo Fishing Pier Replace Decking

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Redondo Fishing Pier Replace Decking	310
CIP Category: Waterfront Facility Project	
Managing Department: Marina	

Summary Project Description:
Replace the wood decking with a concrete deck. Repair pile caps and additional piling where needed in conjunction with installation of the concrete deck. 12 New piles \$100,000; Demo and replace deck \$100,000 plus contingency.

Justification/Benefits: The Pier is now 35 years old and the wood decking has reached the end of its useful life. Concrete decking is easier and cheaper to maintain as well as providing a much safer walking surface.

PROJECT SCOPE	
Expenditures	Total Budget
Design	-
Land & Right of Way	-
Construction	200
Contingency	25
Total Expenditures	225

ANNUAL ALLOCATION										
Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
12/31/14	2015	2016	2017	2018	2019	2020	2021			
			200							
			25							
			225							

Funding Sources		Total Budget
REET		67
State of Washington Grants (Unconfirmed)		158
Total Funding		225

Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
12/31/14	2015	2016	2017	2018	2019	2020	2021			
			67							
			158							
			225							

Driver Speed Feedback Signs

CITY OF DES MOINES
2016-2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Driver Speed Feedback Signs	319.609	Summary Project Description:
CIP Category: Transportation - Operating Project		Install permanent radar speed signs which show vehicle speed along with the posted speed limit at arterial locations to be determined. One installed at 20th Ave S. in 2014.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: Driver Speed Feedback signs have been shown to potentially reduce speeds by a small amount and bring awareness to the motoring public. This type of traffic control is better suited for arterials instead of local roads since it does not introduce a vertical or horizontal change in the roadway geometry associated with neighborhood traffic calming techniques such as speed bumps or traffic circles.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	-											
Land & Right of Way	-											
Construction	30			15								
Contingency	-											
Total Expenditures	30	-	-	15	-	15	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
ASE (Automatic Speed Enforcement) GF X-fer	30			15								
Total Funding	30	-	-	15	-	15	-	-	-	-	-	-

Guardrail Program

**CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Guardrail Program	319,103	Summary Project Description:
CIP Category: Transportation - Operating Project		Install new or replace outdated guardrail city wide. Program started in previous years and is expected to continue six more years. At the end of this program the system should be consistent with current design standards.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: This program is specifically intended to target roadside safety on the City's street system. These locations are where guardrail is warranted (determined by the American Association of State Highway and Transportation Officials - AASHTO - Roadside Design Guide and City Policy) but where none exists, and where the existing guardrail does not meet current design standards and should be upgraded to enhance safety. Vehicle impact with substandard guardrail installations can potentially increase the severity of the collision.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	-										
Land & Right of Way	-										
Construction	75			25		25			25		
Contingency	-										
Total Expenditures	75	-	-	25	-	25	-	-	25	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
ASE (Automatic Speed Enforcement) GF X-fer	75			25			25		25		
Total Funding	75	-	-	25	-	25	-	-	25	-	-

Pavement Preservation

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Pavement Preservation	319,100	Summary Project Description:
CIP Category: Transportation - Operating Project Managing Department: Plan, Build & PW Admin		Maintain and preserve the integrity of the City's existing roadway surfaces of approximately 5 centerline miles per year through a combination of pavement rehabilitation measures, such as chip seals, patches and overlays. 2016 includes \$40K for city-wide pavement condition inventory study.

Justification/Benefits: The City's Comprehensive Transportation Plan has identified the Pavement Management Program as a high priority. A major component of this program is the yearly pavement maintenance and rehabilitation projects. These projects are intended to protect and preserve the surface condition, help maintain the structural integrity, and restore texture and skid resistance to the roadway surface. With proper maintenance, asphalt pavement has a design life of 20 to 25 years. There are approximately 100 centerline miles of roadway. Given the design life of pavement, the Pavement Management Program should strive to maintain at least 4 to 5 centerline miles of roadway each year.

PROJECT SCOPE		ANNUAL ALLOCATION									
		Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
Design	-	12/31/14	2015	2016	2017	2018	2019	2020	2021		
Land & Right of Way	-										
Construction	2,284		59	100	425	425	425	425	425	425	425
Contingency	-										
Total Expenditures	2,284	-	59	100	425	425	425	425	425	425	425

Funding Sources	Total Budget	Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
REET	2,284	12/31/14	2015	2016	2017	2018	2019	2020	2021		
Total Funding	2,284	-	59	100	425	425	425	425	425	425	425

Sidewalk Program

**CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Sidewalk Program	319.120	Summary Project Description:
CIP Category: Transportation - Operating Project Managing Department: Plan, Build & PW Admin		Replace sidewalks throughout the city. This program targets locations that are in significant need of repair or which do not meet current standards. Typical locations for repair include curb, gutter, sidewalk, asphalt paths and driveway approaches. The program prioritizes projects near schools, in commercial areas, and locations with high amounts of pedestrian traffic. Special consideration is given to locations with past pedestrian accident history and where citizen complaints are received.

Justification/Benefits: Provides safer pedestrian mobility and reduces liability to city from substandard sidewalks.

PROJECT SCOPE		ANNUAL ALLOCATION									
		Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	-										
Land & Right of Way	-										
Construction	175		25	25	25	25	25	25	25		
Contingency	-										
Total Expenditures	175	-	25	25	25	25	25	25	25	25	25

Funding Sources		Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
		25		25	25	25	25	25	25		
ASE (Automatic Speed Enforcement) GF X-fer	175										
Total Funding	175	25	-	25	25	25	25	25	25	25	25

Midway SRTS 24th Ave Sidewalk

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Midway SRTS 24th Ave Sidewalk	319.606
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Summary Project Description:	
Install a sidewalk on the east side of 24th Ave S from South 224th Street to South 227th Street. This project will be done in conjunction with SWM's 24th Ave Pipeline replacement.	

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits:

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	66	24	27	15							
Land & Right of Way	34			34							
Construction	208			208							
Contingency	80			80							
Total Expenditures	388	24	27	337	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
ASE (Automatic Speed Enforcement) GF X-fer	291	184	43	64							
Traffic Impact Fees - City Wide	97			97							
REET	-										
Surface Water Utility	-										
Total Funding	388	184	43	161	-	-	-	-	-	-	-

24th Ave South Improve

**CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

24th Ave South Improve 319.300.040

Summary Project Description:

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits:

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	1,188	1,188									
Land & Right of Way	1,019	1,019									
Construction	6,000	5,540	460								
Contingency	188	107	31	50							
Total Expenditures	8,395	7,854	491	50	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Traffic Impact Fees - City Wide	181	181									
Traffic in-Lieu	127	127									
Federal Grants	7,264	7,264									
Private Contributions	823	590	233								
Total Funding	8,395	8,162	233	-	-	-	-	-	-	-	-

Gateway - S 216th Segment 1A

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Gateway - S 216th Segment 1A	319,332	Summary Project Description:
CIP Category: Transportation - Capital Project Managing Department: Plan, Build & PW Admin		South 216th St from R 99 to 24th Ave South. Widen roadway to 5 lanes with two additional travel lanes in each direction, a continuous left turn lane, a U-turn pocket (EN to WB) at SR 99, bicycle lanes, planter strips and sidewalks.

Justification/Benefits: Provides adequate access to support area development especially as it relates to the Des Moines Business Park.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	758					-					
Land & Right of Way	1,057		752								
Construction	4,595			4,595							
Contingency	475			475							
Total Expenditures	6,885	1,063	752	5,070	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Traffic Impact Fees - City Wide	269	50		219							
REET	-			-							
Traffic in-Lieu	925		132	793							
Transport CIP Fund	915	915									
Local Grants (County, etc.)	31		7	24							
State of Washington Grants (Confirmed)	2,800			2,800							
Federal Grants	1,505		613	892							
Private Contributions (Utilities)	115			115							
Debt Proceeds	325	325									
Total Funding	6,885	1,290	752	4,843	-	-	-	-	-	-	-

Marine View Dr Roundabout

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Marine View Dr Roundabout	319.608	Summary Project Description:
CIP Category: Transportation - Capital Project		Re-align intersection and install round-a-bout at the intersection of Marine View Drive and S 240th Street.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: 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.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	227	29	23	175							
Land & Right of Way	251				251						
Construction	1,712				707	1,005					
Contingency	-										
Total Expenditures	2,190	29	23	175	958	1,005	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Traffic Impact Fees - City Wide	227	29	23	175							
Traffic in-Lieu	783				383	400					
State of Washington Grants (Unconfirmed)	1,180				575	605					
Total Funding	2,190	29	23	175	958	1,005	-	-	-	-	-

Barnes Creek Trail/SR 509 Right of Way



CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Barnes Creek Trail/SR 509 Right of Way 319,345

Summary Project Description:

SR 509 right-of-way from south 216th Street to Kent-Des Moines Road.

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits: 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 was owned by the Washington State Department of Transportation.

PROJECT SCOPE	
Expenditures	Total Budget
Design	1,064
Land & Right of Way	-
Construction	4,600
Contingency	-
Total Expenditures	5,664

ANNUAL ALLOCATION										
Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
268	473	323								
				1,800	1,200	1,000	600			
268	473	323	-	1,800	1,200	1,000	600			

Funding Sources	Total Budget
REET	905
King County Park Levy	288
Transport CIP Fund	68
Local Grants (County, etc.)	44
Federal Grants	4,359
Total Funding	5,664

Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
		284		243	162	135	81			
288										
68										
44										
42	318	20		1,557	1,038	865	519			
442	318	304	-	1,800	1,200	1,000	600			

Redondo Board Walk Replacement

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Redondo Board Walk Replacement	319,615	Summary Project Description:
CIP Category: Transportation - Capital Project		Replace Board Walk with improved design. FHWA 86.5% for grant funding total of \$285K is confirmed.
Managing Department: Plan, Build & PW Admin		The rest of the grant funding is still in application status.

Justification/Benefits:

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	315		315								
Land & Right of Way	-										
Construction	2,500			2,500							
Contingency	-										
Total Expenditures	2,815	-	315	2,500	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
REET	45		43	2					
State of Washington Grants (unconfirmed)	2,770		272	2,498					
Total Funding	2,815	-	315	2,500	-	-	-	-	-

S 224th St Improvements

**CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

S 224th St Improvements	319,336	Summary Project Description:

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits:

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	114		114								
Land & Right of Way	35			35							
Construction	390			390							
Contingency	75			75							
Total Expenditures	614	-	114	500	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Traffic Impact Fees - Pac Ridge	614	606		8							
Total Funding	614	606	-	8	-	-	-	-	-	-	-

South 268th Street Sidewalk

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

South 268th Street Sidewalk	319,614	Summary Project Description:
CIP Category: Transportation - Capital Project		Install sidewalks on both sides of South 268th Street between 16th Ave South and Pacific Highway South.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: S. 268th Street is a Neighborhood Collector Arterial connecting Pacific Highway South and 16th Avenue South. Currently there are open ditch sections on the north and south sides of 268th and no existing sidewalks west of 19th Ave South. South 268th Street is also used by elementary students to walk to Woodmont Elementary on 16th Ave South.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	95		60	35							
Land & Right of Way	-										
Construction	425			425							
Contingency	175			175							
Total Expenditures	695	-	60	635	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
ASE (Automatic Speed Enforcement) GF X-fer	60		60						
REET	204			204					
State of Washington Grants (Unconfirmed)	431			431					
Total Funding	695	-	60	635	-	-	-	-	-

16th Ave - Seg 5A

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

16th Ave - Seg 5A	319,301	Summary Project Description:
CIP Category: Transportation - Capital Project Managing Department: Plan, Build & PW Admin		South 272nd Street to approximately 1000 feet south of S 272nd Street. Install curbs, gutters, sidewalks, enclosed drainage system and bike lanes along both sides of the street. Improve existing lighting and install left turn lane. Cost estimates reflect overhead utilities. Underground utilities would be a significant increase. This project coordinates with Segment 5B.

Justification/Benefits: The need for pedestrian facilities is identified in the City's Comprehensive Transportation Plan and 6 Yr TIP. This corridor has numerous single-family developments that generate pedestrian traffic along the shoulder of the road. It is used to access schools, parks, churches and shopping areas. 16th Ave is classified as a principal arterial and is identified as a pedestrian walkway route. Future growth will highlight the need for separated pedestrian facilities. This project also improves mobility and safety by adding left turn lanes and improving street lighting.

PROJECT SCOPE				ANNUAL ALLOCATION									
Expenditures		Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design		220			129	91							
Land & Right of Way		42					42						
Construction		967						627		340			
Contingency		100						65		35			
Total Expenditures		1,329			129	91	42	692	375	-			

Funding Sources		Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Traffic Impact Fees - City Wide		144					42	102					
MCI		91	91										
Traffic in-Lieu		1,094	129					590		375			
Total Funding		1,329	220	-	-	-	42	692	375	-			

SeaTac Signal Improvements

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

SeaTac Signal Improvements	319.613	Summary Project Description:
CIP Category: Transportation - Capital Project Managing Department: Plan, Build & PW Admin		Des Moines Memorial drive and South 200th Street. 1/4th cost of total improvements to install left turn lanes all all four approaches with curb, gutter and sidewalk. City of SeaTac is lead agency; project represents Des Moines share payable to SeaTac.

Justification/Benefits:

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	50				50							
Land & Right of Way	-											
Construction	300				100	200						
Contingency	-											
Total Expenditures	350	-	-	-	150	200	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Traffic Impact Fees - City Wide	350				150	200						
State of Washington Grants (Unconfirmed)												
Total Funding	350	-	-	-	150	200	-	-	-	-	-	-

South 216th - Segment 3

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

South 216th - Segment 3	319,334	Summary Project Description:
CIP Category: Transportation - Capital Project		Widen roadway to provide center turn lane, bike lanes, curb, gutter and sidewalks. If grant is unavailable then debt financing would be required.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: The need for pedestrian 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 that generate pedestrian traffic along the shoulder of the road. Pedestrians use this route to access bus stops, city buildings, and the Pacific Highway and Marine View Drive corridors.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	520				270	250					
Land & Right of Way	100					100					
Construction	4,350					1,365	2,985				
Contingency	450					150	300				
Total Expenditures	5,420	-	-	-	270	1,865	3,285	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Traffic Impact Fees - City Wide	420				80	190	150				
CDBG (Unconfirmed)	-										
Traffic in-Lieu (Port)	1,300					950	350				
State of Washington Grants (Unconfirmed)	3,700				190	725	2,785				
Federal Grants	-										
Private Contributions	-										
Total Funding	5,420	-	-	-	270	1,865	3,285	-	-	-	-

Redondo Area Street Improvements

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Redondo Area Street Improvements	319.610	Summary Project Description:
		Street lighting project.

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits:

PROJECT SCOPE				ANNUAL ALLOCATION							
Expenditures			Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
Design			10					10			
Land & Right of Way			-								
Construction			60					60			
Contingency			-								
Total Expenditures			70	-	-	-	-	70	-	-	-

Funding Sources			Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
Redondo Zone Parking Transfer			70					70			
Total Funding			70	-	-	-	-	70	-	-	-

South 240th Street Improve - Seg 1

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

South 240th Street Improve - Seg 1	319,206	Summary Project Description:
CIP Category: Transportation - Capital Project		Widen roadway to three lanes and provide a continuous center turn lane, bike lanes, transit stops, curb, gutter and planters.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: The need for pedestrian and bicycle facilities along South 240th Street is identified in the City's Comprehensive Transportation Plan and the Six Year Transportation Improvement Plan. South 240th Street has residential properties and Highline College that generate pedestrian and bicycle traffic along the shoulder of the road. Pedestrians use this route to access bus stops, Highline College, 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.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	435							435			
Land & Right of Way	200							200			
Construction	5,265								5,265		
Contingency	400							100	300		
Total Expenditures	6,300	-	-	-	-	-	-	735	5,565		

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Local Grants (County, etc.)	3,380							365	3,015		
State of Washington Grants (Unconfirmed)	2,670							370	2,300		
Private Contributions	250								250		
Total Funding	6,300	-	-	-	-	-	-	735	5,565		

South 240th Street Improve - Seg 2

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

South 240th Street Improve - Seg 2 319,207

Summary Project Description:	
Widen roadway to three lanes and provide a continuous center turn lane, bike lanes, transit stops, curb, gutter and planters.	

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits: The need for pedestrian and bicycle facilities along South 240th Street is identified in the City's Comprehensive Transportation Plan and the Six Year Transportation Improvement Plan. South 240th Street has residential properties and Highline College that generate pedestrian and bicycle traffic along the shoulder of the road. Pedestrians use this route to access bus stops, Highline College, 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.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	335							335			
Land & Right of Way	50							50			
Construction	4,165								4,165		
Contingency	300							50	250		
Total Expenditures	4,850	-	-	-	-	-	-	435	4,415		

Funding Sources		Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Traffic in-Lieu	2,900							235	2,665		
State of Washington Grants (Unconfirmed)	1,750							200	1,550		
Total Funding	4,850	-	-	-	-	-	-	635	4,215		

Kent-Des Moines Rd - Seg 2

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Kent-Des Moines Rd - Seg 2 319,344

Summary Project Description:

Widen roadway to 5 lanes and provide a continuous center turn lane, bike lanes, transit stops, curb, gutter and planters.

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits: The need for pedestrian and bicycle facilities along Kent-Des Moines Road is identified in the City's Comprehensive Transportation Plan and the Six Year Transportation Improvement Plan. Kent-Des Moines Rd has numerous multi-family developments, that generate pedestrian and bicycle traffic along the shoulder of the road. Pedestrians use this route to access bus stops, Highline College, 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.

PROJECT SCOPE		ANNUAL ALLOCATION							
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
Design	485								485
Land & Right of Way	500								500
Construction	5,815								5,815
Contingency	400								400
Total Expenditures	7,200	-	-	-	-	-	-	-	7,200

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
Traffic Impact Fees - City Wide	330								330
Traffic in-Lieu	20								20
Local Grants (County, etc.)	3,600								3,600
State of Washington Grants (Unconfirmed)	3,000								3,000
Private Contributions	250								250
Total Funding	7,200	-	-	-	-	-	-	-	7,200

Dock Electrical Replacements

CITY OF DES MOINES
2016-2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Dock Electrical Replacements	C5.ST.5A.13.01	Summary Project Description:
CIP Category: Marina Capital Improvements		Install new shore power pedestals and distribution wiring on docks H,I,J,K and L.
Managing Department: Marina		

Justification/Benefits: The new electrical wiring will reduce the risk of fire as well as provide upgraded service to Marina tenants. These docks are 45 years old and still have the original shore power boxes and wiring. Most of the shore power boxes have been upgraded to 30 amps from the original 15 amp service to meet the demands of the new boats but the wiring has not been replaced with larger wire size to accommodate the increased demand.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	-					-						
Land & Right of Way	-					-						
Construction	300			60	60		60	60	60			
Contingency	-					-						
Total Expenditures	300	-	-	60	60	-	60	60	60	60	60	60

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Marina Rates	300			60	60		60	60	60			
Total Funding	300	-	-	60	60	-	60	60	60	60	60	60

Fuel Dispenser

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Fuel Dispenser	CP5.ST.5A.14.01	Summary Project Description:
		Replace fuel dispensers.

CIP Category: Marina Capital Improvements

Managing Department: Marina

Justification/Benefits: By 2018 the fuel dispensers will be 20 years old. The dispensers are essentially a small computer in a stainless steel box. They are now obsolete. New dispensers will allow the Marina to take advantage of the latest technology and software for controlling fuel inventory.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	-					-						
Land & Right of Way	-					-						
Construction	60					60						
Contingency	-					-						
Total Expenditures	60					60						

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Marina Rates	60					60						
Total Funding	60					60						

Barnes Crk/Kent-Des Moines Rd Culvert

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Barnes Crk/Kent-Des Moines Rd Culvert **CIP.14.15.STR**

CIP Category: Surface Water Mgmt

Managing Department: Plan, Build & PW Admin

Summary Project Description:

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.

Justification/Benefits: 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.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	325	17	85	223		-					
Land & Right of Way	-					-					
Construction	934				934						
Contingency	335		9	100	226	-					
Total Expenditures	1,594	17	94	323	1,160	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Surface Water Utility	1,594	17	94	323	1,160						
Total Funding	1,594	17	94	323	1,160	-	-	-	-	-	-

Lower Massey Creek Channel Modifications

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Lower Massey Creek Channel Modifications	451,821
CIP Category: Surface Water Mgmt	
Managing Department: Plan, Build & PW Admin	
Summary Project Description:	
This project involves widening the Massey Creek channel between 10th Avenue South and the Taxo Time property east of Marine View Drive, berming the north side of the creek, constructing a sheepile floodwall on the south side of the creek, installing a small pump station, intalling native plantings along the stream, removing invasive species and installing stream fish habitat features such as woody debris, stream boulders and bank logs. External funding is provide from King County with two grants: \$200K Flood Reduction Grant and \$196 Regional Opportunity Grant.	

Justification/Benefits: The purpose of the improvements is to enhance habitat along this portion of Massey Creek, improve flood capacity of the channel and reduce intersection flooding at Kent-Des Moines Road and Marine View Drive. Land for this project was purchased in 1998. This project is identified in the 1992 Massey Creek Basin Plan and the 1994 Lower Massey Creek Flood Alternative Analysis.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	373	260	113								
Land & Right of Way	-										
Construction	988			988							
Contingency	349		51	298							
Total Expenditures	1,710	260	164	1,286	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Surface Water Utility	1,314	260	164	890							
Local Grants (County, etc.)	396			396							
Total Funding	1,710	260	164	1,286	-	-	-	-	-	-	-

24th Ave Pipeline Replacement/Upgrade

CITY OF DES MOINES
2016-2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

24th Ave Pipe line Replacement/Upgrade	451.815	Summary Project Description:
CIP Category: Surface Water Mgmt		Replacement of exiting 12-inch storm drainage system with approximately 500 feet of 36 inch pipe and 3 manhole structures. This project is done in conjunction with the Midway SRTS project.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: During major storms the drainage system along the east side of 24th Avenue between S. 226th and S. 227th overflows to the pipe system on the west side. These overflows bypass the trunk system which conveys flows to the City Park detention facility and flood properties south of 227th south of Pacific Middle School. This project is recommended in the 1992 Massey Creek Basin Plan.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	20		8	12								
Land & Right of Way	-											
Construction	200			200								
Contingency	48			48								
Total Expenditures	268	-	8	260	-	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Surface Water Utility	268		8	260								
Total Funding	268	-	8	260	-	-	-	-	-	-	-	-

Pipe Replacement Program

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Pipe Replacement Program	451.826	Summary Project Description: Replacement of existing pipes based on customer request and video based condition assessment.
CIP Category: Surface Water Mgmt		
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: A video assessment of existing storm drain pipes is scheduled to begin in 2015. From the assessment a prioritized list of pipes needing replacement will be developed along with estimated costs.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	190				38	38	38	38	38		38
Land & Right of Way	-										
Construction	920					230	230	230	230		230
Contingency	251					11	60	60	60		60
Total Expenditures	1,361	-	-	-	-	49	328	328	328	328	328

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Surface Water Utility	1,361						328	328	328		328
Total Funding	1,361	-	-	-	-	49	328	328	328	328	328

1st Ave Pond Expansion

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

1st Ave Pond Expansion	451.823	Summary Project Description:
CIP Category: Surface Water Mgmt		Expand existing pond at 1st Ave and 4th Ave S, North Hill Area by 1.9 acre feet.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: 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, 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.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	47					47					
Land & Right of Way	-										
Construction	259						259				
Contingency	79					13		66			
Total Expenditures	385	-	-	-	-	60	325	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
Surface Water Utility	150					30	120		
Local Grants (County, etc.)	235					30	205		
Total Funding	385	-	-	-	-	60	325	-	-

5th Ave/212th Street Pipe Upgrade

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

5th Ave/212th Street Pipe Upgrade	451
CIP Category: Surface Water Mgmt	
Managing Department: Plan, Build & PW Admin	
Summary Project Description: Replacement of approximately 2,630 feet of cmp pipe with new 1,700 feet of 12-inch pipe and 930 feet of 18-inch pipe in the North Hill area in the vicinity of 212th Street and 5th Avenue South.	

Justification/Benefits: This project will replace over 2,000 feet of aged corrugated metal pipe and upgrade over 900 feet of pipe to 18-inch pipe that has inadequate capacity during major storms. During two major storm events in 2013 and 2014, the pipe system overflowed creating significant erosion near the stairway at 212th Street and Des Moines Memorial Drive. The project will connect to the DMMD pipe upgrade installed in 2014. This project is identified as a high-priority project (CIP-16) in the 2015 Stormwater Comprehensive Plan.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	161						161				
Land & Right of Way	-										
Construction	529						529				
Contingency	125						125				
Total Expenditures	815						815				
Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Surface Water Utility	815						815				
Total Funding	815						815				

N. Fork McSorely Ck Diversion

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

N. Fork McSorely Ck Diversion		451
CIP Category: Surface Water Mgmt		
Managing Department: Plan, Build & PW Admin		
Summary Project Description:		
This project proposes to install a diversion structure on 20th Ave. S. between S. 244th Pl. and 245th Pl. From the diversion structure a new 24-in storm bypass pipe will be installed on the west side of 20th Avenue, turn west and follow the south side of 245th Pl and then to McSorley Creek. This project also includes pavement restoration, replacement of curb and gutter and minimal dredging of McSorely Creek and bank stabilization near the discharge point of the bypass pipe.		

Justification/Benefits: When the Des Moines Trace Subdivision was developed in the early 1980's a segment of the north fork of McSorely Creek was relocated to a narrow rock lined channel within a 15-foot wide drainage easement along the north side of the subdivision (lots 14 through 25). Over time this channel has filled in with sediment and is overgrown with canary reed grass causing the channel to overtop and flood both the subdivision lots and the adjacent properties to the north. This project will provide a flow diversion whereby normal flows will continue into the creek section but high flows are bypassed to a lower point in the channel. As part of this project, the channel section across lots 17-25 will be dredged. This is a high-priority project (CIP-30) identified in the 2015 SWM Comprehensive Plan.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	85								85			
Land & Right of Way	-											
Construction	281								281			
Contingency	66								66			
Total Expenditures	432								432			
Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Surface Water Utility	432								432			
Total Funding	432								432			

6th Ave/239th Pipe Replacement

CITY OF DES MOINES
2016-2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

6th Ave/239th Pipe Replacement	451	Summary Project Description:
CIP Category: Surface Water Mgmt		This project proposes to replace the existing 8-inch drainage system on the west side of 6th Ave S. and connect to the drainage system on 239th Street. This project will also install a new 18-inch HDPE storm drain outfall from 239th St. to Puget Sound. The stairway above the outfall pipe will be replaced as part of this project.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: During major storms the drainage system within 6th Avenue S. is overcome and overflows into the properties on the west side of the street. In addition, the outfall pipe from S. 239th is comprised of coated corrugated steel pipe that has separated in the lower section of the pipe that leads over the bank to the Sound. This project proposes to upgrade the 8-inch pipe on 6th Avenue to standard 12-inch and replace the corrugated steel outfall pipe with HDPE pipe. This project also proposes to replace the stairway that is located above the outfall pipe. This is a high-priority project (CIP-39) listed in the 2015 SWM Comprehensive Plan.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Design	38								38			
Land & Right of Way	-											
Construction	124								124			
Contingency	29								29			
Total Expenditures	191	-	-	-	-	-	-	-	191			

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021			
Surface Water Utility	191								191			
Total Funding	191	-	-	-	-	-	-	-	191			

14th Ave (268th to 272nd) Pipe Upgrade

CITY OF DES MOINES
2016-2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

14th Ave (268th to 272nd) Pipe Upgrade	451
CIP Category: Surface Water Mgmt	
Managing Department: Plan, Build & PW Admin	
Summary Project Description:	
This project proposes to upgrade the ditch and driveway culvert system along the west side of 14th Avenue with a new storm pipe as well as replace the existing culverts below 272nd Street and 268th Street. This project includes 900 linear of 36-inch diameter pipe, 6 manhole structures, an outfall dissipator, and minimal road restoration.	

Justification/Benefits: The culvert below 272nd Street is not sufficiently sized and is too shallow. During major storms the pipe system leading from the Redondo Riveria subdivision (south of 272nd) backs up creating significant flooding within the subdivision particularly in the vicinity of 275th Place and 15th Place. North of 272nd St., the drainage system on 14th Avenue is comprised of a shallow ditch system with driveway culverts that are easily blocked exacerbating the problem south of 272nd Street. There is also significant erosion due to a drop of grade at the downstream end of the culvert at S. 268th Street. This project proposes to replace the culverts at 272nd Street and 268th Street and install a new 36-inch pipe system on the west side of 14th Avenue from 272nd Street to 270th Street. This project is a high-priority project (CIP-36) listed in the 2015 SWM Comprehensive Plan.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	94								94		
Land & Right of Way	-										
Construction	310								310		
Contingency	74								74		
Total Expenditures	478								478		

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Surface Water Utility	478								478		
Total Funding	478								478		

216th Pl./ Marine View Dr. Pipe Upgrade

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

216th Pl./ Marine View Dr. Pipe Upgrade	451
CIP Category: Surface Water Mgmt	
Managing Department: Plan, Build & PW Admin	
Summary Project Description:	
This project proposes to upgrade the ditch along Des Moines Memorial Drive with 300 linear feet of new 18-inch diameter pipe and connecting to 170 linear feet of new larger 24-inch diameter storm system crossing the intersection of MVD (216th Place). The project also proposes to pipe the ditches on the west side of 6th Avenue connecting to the new pipe system on DMMD.	

Justification/Benefits: Previous upgrades have occurred within the storm system downstream of the project and west of the project along 216th Place. This project proposes to upsize the 18-inch crossing at Marine View Drive to 24-inch as well as pipe the ditch along Des Moines Memorial Drive. Along the storm segment below MVD near the border of Normandy Park and Des Moines is a buried inaccessible structure that may become blocked with debris and cause backup and flooding of the intersection and overflow to areas of recent landslide activity. This project will be coordinated with the City of Normandy Park (cost share for the portion of project within Normandy Park not shown). This is a high-priority project (CIP-17) listed in the 2015 SWM Comprehensive Plan.

PROJECT SCOPE		ANNUAL ALLOCATION									
		Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
Design	61	12/31/14	2015	2016	2017	2018	2019	2020	2021	61	
Land & Right of Way	-										
Construction	200									200	
Contingency	48									48	
Total Expenditures	309									309	

Funding Sources		Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
		12/31/14	2015	2016	2017	2018	2019	2020	2021	309	
Surface Water Utility	309										
Total Funding	309									309	

KDM /16th Avenue Pipe Replacement

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

KDM /16th Avenue Pipe Replacement	451
CIP Category: Surface Water Mgmt	
Managing Department: Plan, Build & PW Admin	
Summary Project Description: Replace approximately 300 feet of existing roadside ditch (east of 16th Avenue) along KDM Road with 24-inch storm pipe and connect to existing 18-inch culvert crossing KDM Rd at 16th Avenue. Install 50 feet new 24-inch storm drain southwest of KDM Road connecting to existing 18-inch culvert crossing and replace 350 feet of existing 24-inch corrugated metal pipe with larger 36-inch pipe downstream of the culvert crossing.	

Justification/Benefits: During major storm events the capacity of the existing drainage system along Kent-Des Moines Road and the highway crossing will be exceeded causing runoff to overflow across KDM and flood the property downstream. In addition, the system on that property (located within a public drainage easement) that intercepts flows is also insufficiently sized and is prone to overtopping. This project proposes to replace the undersized pipes with 24-inch and 36-inch diameter pipes. This is a high-priority project (CIP-25A) listed in the 2015 SWM Comprehensive Plan and to be coordinated with projects CIP-4 and CIP-25B that would take a portion of the flows west to a new outfall pipe at Barnes Creek (rather than upsizing the 18-inch corrugated aluminum crossing below KDM Road.)

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	54									54	
Land & Right of Way	-										
Construction	176									176	
Contingency	42									42	
Total Expenditures	272	-	-	-	-	-	-	-	-	272	

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Surface Water Utility	272									272	
Total Funding	272	-	-	-	-	-	-	-	-	272	

DMMD 208th to 212th Pipe Project

CITY OF DES MOINES
2016 -2021 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

DMMD 208th to 212th Pipe Project	451	Summary Project Description:
CIP Category: Surface Water Mgmt		Replace approximately 1500 feet of existing roadside ditch and corrugated metal pipe along the west side of Des Moines Memorial Drive from 208th Street to 212th Street. Includes installation of 14 manhole structures and minimal road restoration.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: The ditch and culvert system along the west side of Des Moines Memorial Drive is insufficient to convey a 25-year storm causing water to pool in the south bound lane of Des Moines Memorial Drive. This project proposes to replace the existing corrugated metal pipe and ditch system with approximately 1500 feet of new 18-inch pipe that would connect to the pipe replacement work made on Des Moines Memorial Drive in 2014. This project is a high priority project (CIP-18) listed in the 2015 SWM Comprehensive Plan.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Design	119								119		
Land & Right of Way	-										
Construction	391								391		
Contingency	93								93		
Total Expenditures	603										

Funding Sources	Total Budget	Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
Surface Water Utility	603								603
Total Funding	603								

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.

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

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.

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.

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.

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.

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.”