PS&T COMMITTEE AGENDA

July 2, 2015 - North Conference Room

21630 11th Avenue South – Des Moines 98198

5:30P – 6:50P

1. Approval of minutes of 4/02/2015 meeting

2. CIP Updates

   (Informational Item – 45 min)

   Staff will update Committee on the current CIP active projects this year and/or planned for the second half of 2015. This will include an update on the Boardwalk Repair project based on information known at this time.

3. Transportation CIP

   (Discussion Item – 45 min)

   Staff will present a draft Transportation CIP for years 2016-2021. Council Adoption of the overall 6-year CIP for the City is currently scheduled for July 9th.

Draft Des Moines City Council PS&T Committee Minutes – 4/02/2015

Meeting called to order: 5:49 PM on April 2, 2015, in North Conference Room @ 21630 11th Avenue S, Des Moines WA 98198.

Council Members
Vic Pennington - Chair
Dave Kaplan
Jeanette Burrage

Other City Staff
Tony Piasecki – City Manager
Dan Brewer – Planning, Building & PW Director
Brandon Carver – Engineering Services Manager
Andrew Merges – Associate Engineer
Grant Fredricks – Special Projects Consultant
Peggy Volin – Admin Asst II

AGENDA:

1. Approval of Minutes from 3/05/2015 meeting
2. Sound Transit Update
3. Draft Transportation Improvement Plan

MEETING:

1. Approval of Minutes from 3/05/2015 meeting: Unanimously approved.

2. Sound Transit Update: Mayor Kaplan updated the Committee on his meetings with the mayors of the cities of SeaTac, Federal Way and Kent on Sound Transit's FWLE alignment and station locations. Staff then updated the Committee with news that a hard copy of the DEIS was received just that afternoon and the electronic version will be available online by April 10. The City is holding an open house on April 30, before the Council meeting to hear citizen concerns and finalize its comments on the DEIS that are expected to be due on May 18th. These comments will assist Sound Transit staff and then its full Board in identifying a "Preferred Alternative" tentatively in June that will be further refined and analyzed before the Board makes a final decision on what project to build in the summer of 2016.

3. Draft Transportation Improvement Plan: Engineering Services Manager, Brandon Carver and Associate Engineer, Andrew Merges went over the proposed changes to the 2016 - 2035 Transportation Improvement Plan (TIP) which included: proposing to elevate the Redondo Boardwalk Repairs to 2 from 26; and Redondo Way Sidewalk Project to 15 from 35. They proposed adding three new projects: Redondo Area Parking Project @ 21; Boardwalk Marine Pile Corrosion Protection Project @ 22; and Wooten Park Access and Parking Improvements @ 36. They finished up by proposing to remove the

following three projects from the list as they will be completed in 2015: item #4 - 24th Avenue South Improvement (Segment 2); item #8 - Citywide Arterial Street Improvements; and item #10 - the Saltwater Bridge Repairs and Seismic Retrofit.

Adjourned 6:52 pm

Minutes submitted by:
Peggy Volin
Administrative Assistant II

PS&T 7/2/2015 Agenda Item #2

Transportation CIP Updates - Active or Completed Projects for 2015

Completed CIP Projects in 2015	Status/Comment
24th Avenue South (208th - 216th)	Substantial completion issued April
Saltwater State Park Bridge Seismic Retro-fit	Bridge opended 5/28
Redondo Parking Management Plan	Final report to Council 6/25

Current Active or Planned CIP Projects in 2015	Status/Comment
Redondo Boardwalk Repairs	Design underway, seeking funding for construction
216th Segment 1a (24th - SR-99)	In ROW acquisition phase
Pavement Management Program	Developing a small project for patch repairs - repairs est. in August
Citywide Arterial Safety Improvements	Final year of 3 year markings and sign upgrade project - work underway
Barnes Creek Trail	Design underway, approximately at 30%
Annual Sidewalk Program	Developing a list of locations for repair in late summer/fall 2015
South 268th Street Sidewalks (SRTS)	Intend to start design later summer/fall 2015
South 224th Street (Pac Hwy - 30th Ave S)	Intend to start design fall 2015
24th Ave South - Midway Elementary Sidewalks	Design slowly underway, project delayed to 2015, in-house resources

Projects staff will be apllying for grant funding in 2015:	Comment
Redondo Boardwalk Repairs	Likely need to apply for TIB funding
South 216th Segment 3 (11th - 18th)	Will request TIB funding
MVD/South 240th St - Intersection	Will request TIB funding

DATE: June 17, 2015

TO: TRANSPORTATION 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 is 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.

CITY OF DES MOINES

Sails With Pride

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 theses 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 MUNICPAL IMPROVEMENTS									
	Economic Development & Tourism Projects									
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	-	-
	Building Facility Projects									
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
	Technology Projects									
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
	Park Facility Projects									
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	-	-	-	-
	Waterfront Facility Projects									
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	-	-	-	-
	Transportation - Operating Projects									
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
	Transportation - Capital Projects									
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)

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
	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 Modificatio	1,710	260	164	1,286	-	-	-	-	-
125	24th Ave Pipleline 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	**72,255**	**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)

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 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)

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
	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)

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
	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 Modificatio	1,314	260	164	890	-	-	-	-	-
121	Barnes Crk/Kent-Des Moines Rd Culvert	1,594	17	94	323	1,160	-	-	-	-
125	24th Ave Pipleline 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)

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
	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 Modificatio	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

CIP Category: Waterfront Facility Project

Managing Department: Marina

Summary Project Description:

Install a "Pay on Leaving" parking system in the north and south parking lots on the Marina floor.

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

CIP Category: Waterfront Facility Project

Managing Department: Marina

Summary Project Description:

Equip the Redondo parking lot with an automated pay parking system including gates, ticket dispensers and a pay station.

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 cots 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

CIP Category: Economic Development & Tourism

Managing Department: Plan, Build & PW Admin

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

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				50		50		
Total Funding	**100**	**-**	**-**	**-**	**50**	**-**	**50**	**-**	**-**

City Hall Generator

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

City Hall Generator	310

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:
Install a new optional 400 Kw standby generator behind City Hall.

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

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

Rebuild southern and eastern City Hall parking lots. The existing southern ecology block wall will be rebuilt prior to parking lot construction work.

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

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:
Improve lighting in Council Chambers.

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 maintenancce 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*
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

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

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

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 instrusion into the building and further interior damaage

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	6					6			
Land & Right of Way	-								
Construction	99					99			
Contingency	15					15			
Total Expenditures	**120**	**-**	**-**	**-**	**-**	**120**	**-**	**-**	**-**

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*
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

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:
Paint the outside of the Founders' Lodge.

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						90		
Total Funding	**90**	**-**	**-**	**-**	**-**	**-**	**90**	**-**	**-**

Engineer Bldg Windows

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

Engineer Bldg Windows	506

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

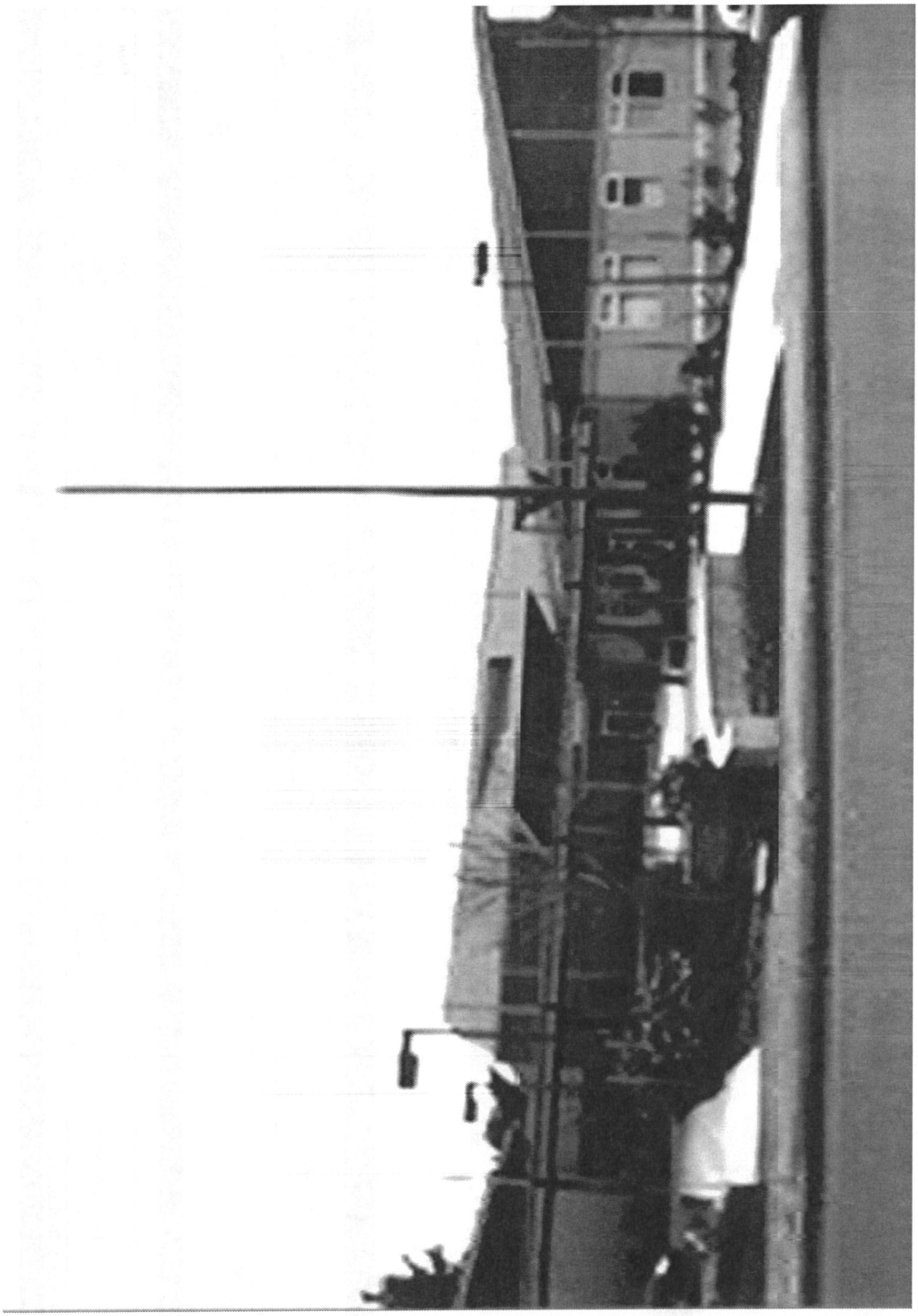
Summary Project Description:
Replace upstairs windows and Information Systems' windows.

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

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

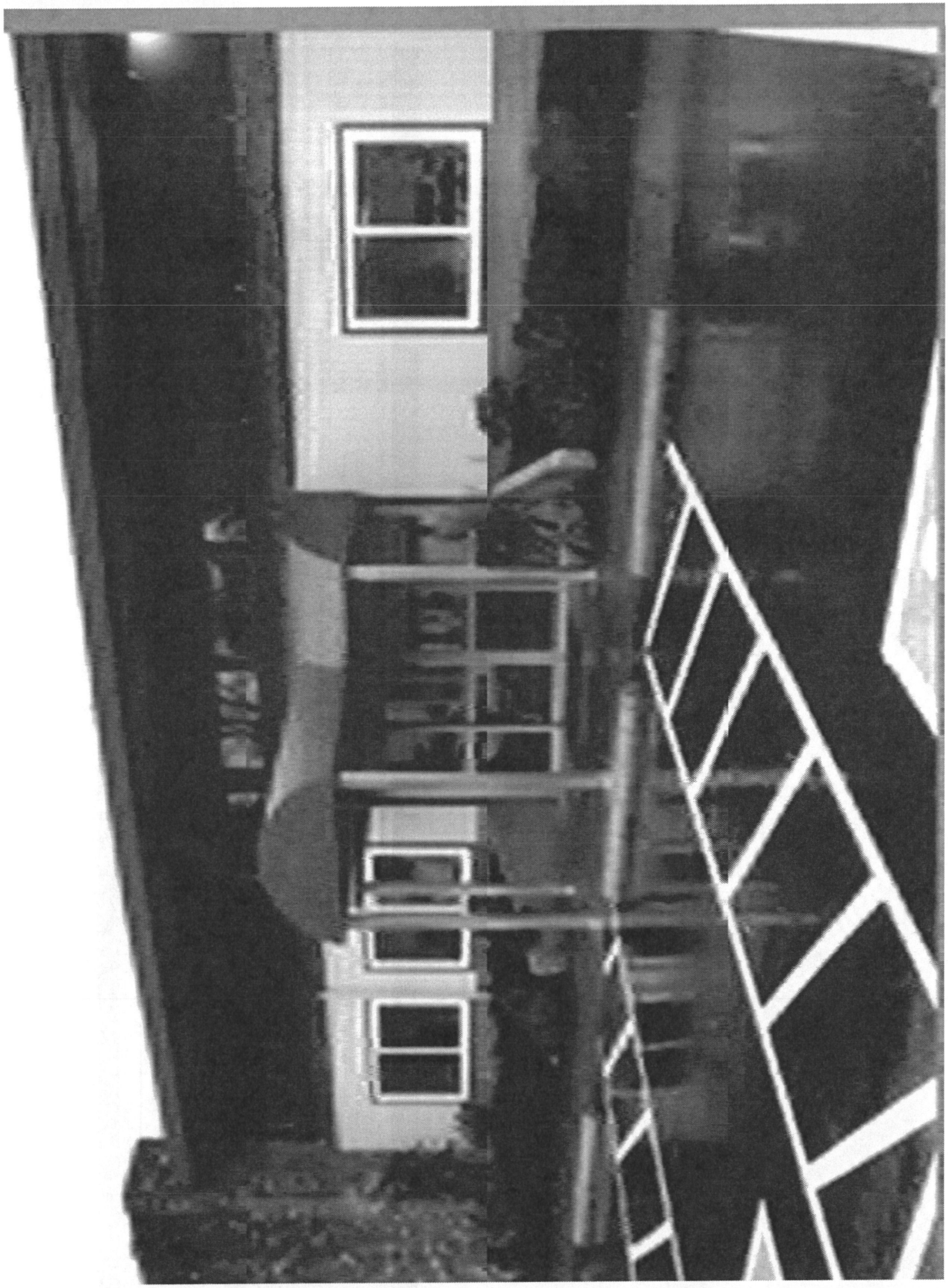
Summary Project Description:
Repair the structural timbers and steel beams to prevent further deterioration while maintaining the same aesthetic look of the walkway.

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

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	16							16	
Land & Right of Way	-								
Construction	34							34	
Contingency	5							5	
Total Expenditures	**55**	**-**	**-**	**-**	**-**	**-**	**-**	**55**	**-**

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	55							55	
Total Funding	**55**	**-**	**-**	**-**	**-**	**-**	**-**	**55**	**-**

Activity Center Exterior Paint



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

Activity Center Exterior Paint	506

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:
Paint the exterior of the Activity Center.

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

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:
Paint the interior of the PW Service Center.

Justification/Benefits: It has been many years since the inside has been painted. New pait would iprove the interior looks and make the building more presentatble 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

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:
Paint the interior of the PW Service Center.

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

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

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

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

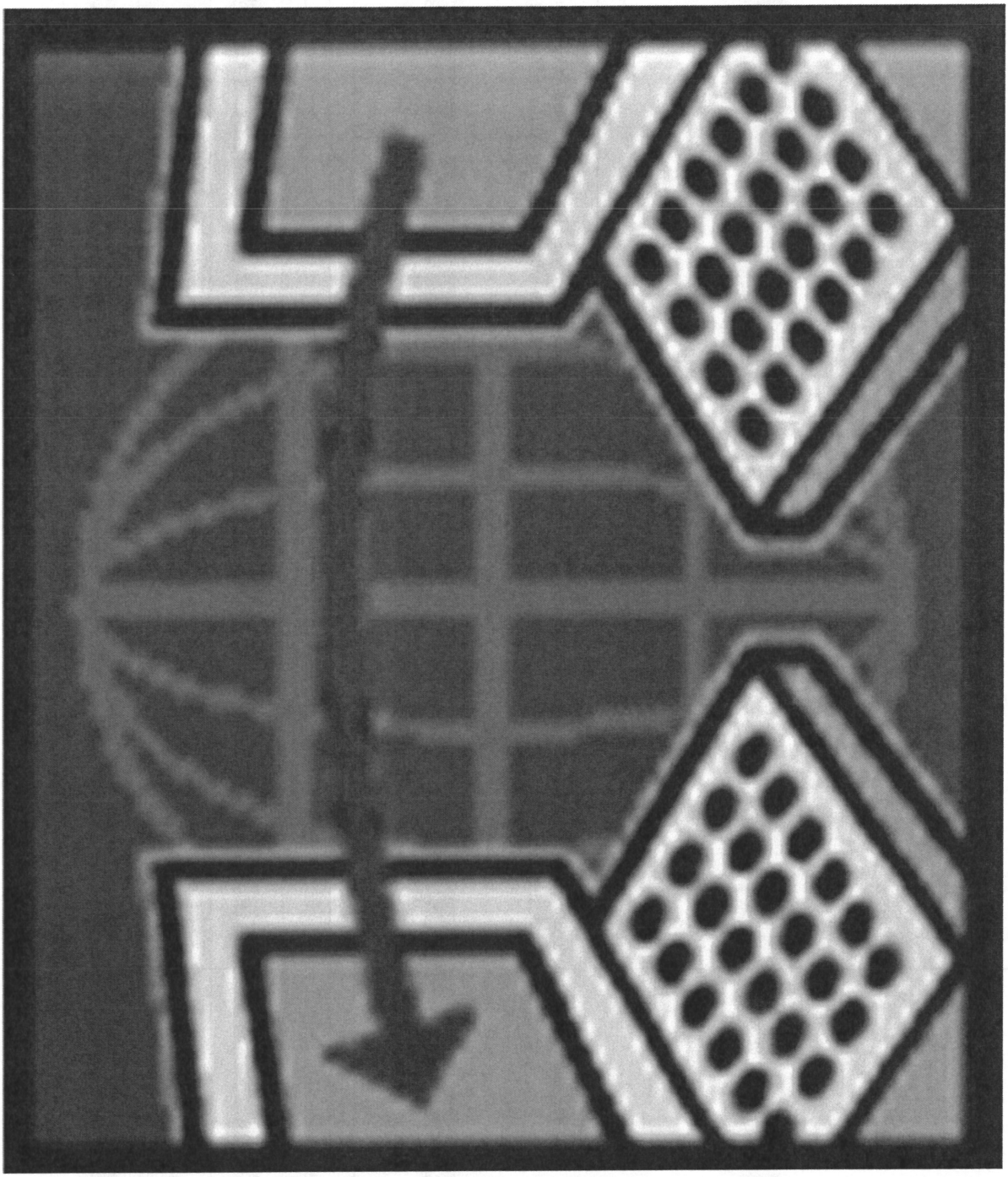
Construction of a new building behind the existing City Shop and Engineering offices to store property siezed by police actions.

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**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**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

CIP Category: Technology Project

Managing Department: Finance

Summary Project Description:

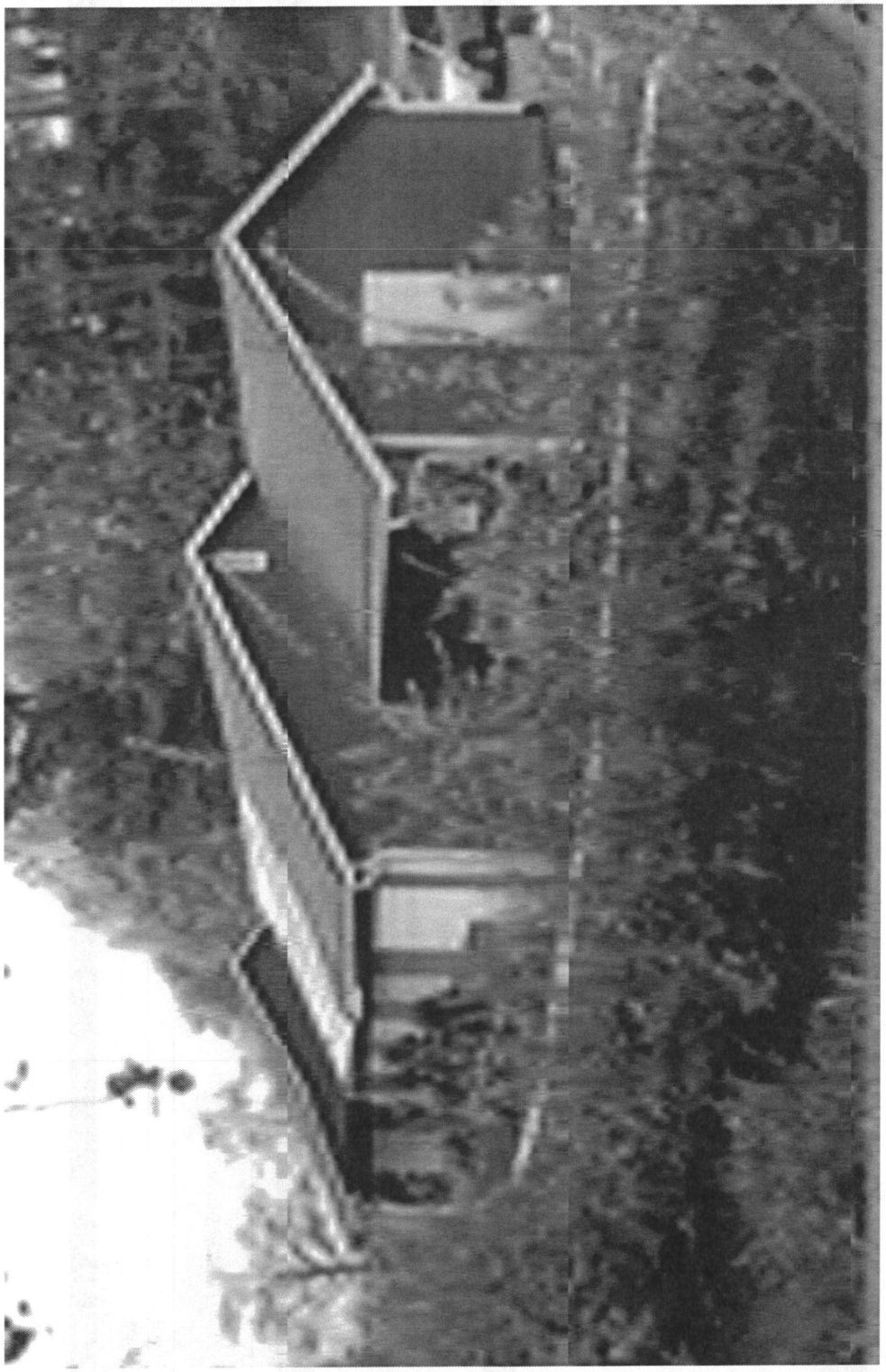
Replace the financial software and upgrade related server. Replacement system will be a fully integrated system containing general ledger, budgeting, payroll, accounts payable, accounts receivable, centralized cashiering and project accounting modules.

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

CIP Category: Park Facility Projects

Managing Department: Parks, Recr & Sr Services

Summary Project Description:
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

CIP Category: Park Facility Projects

Managing Department: Parks, Recr & Sr Services

Summary Project Description:

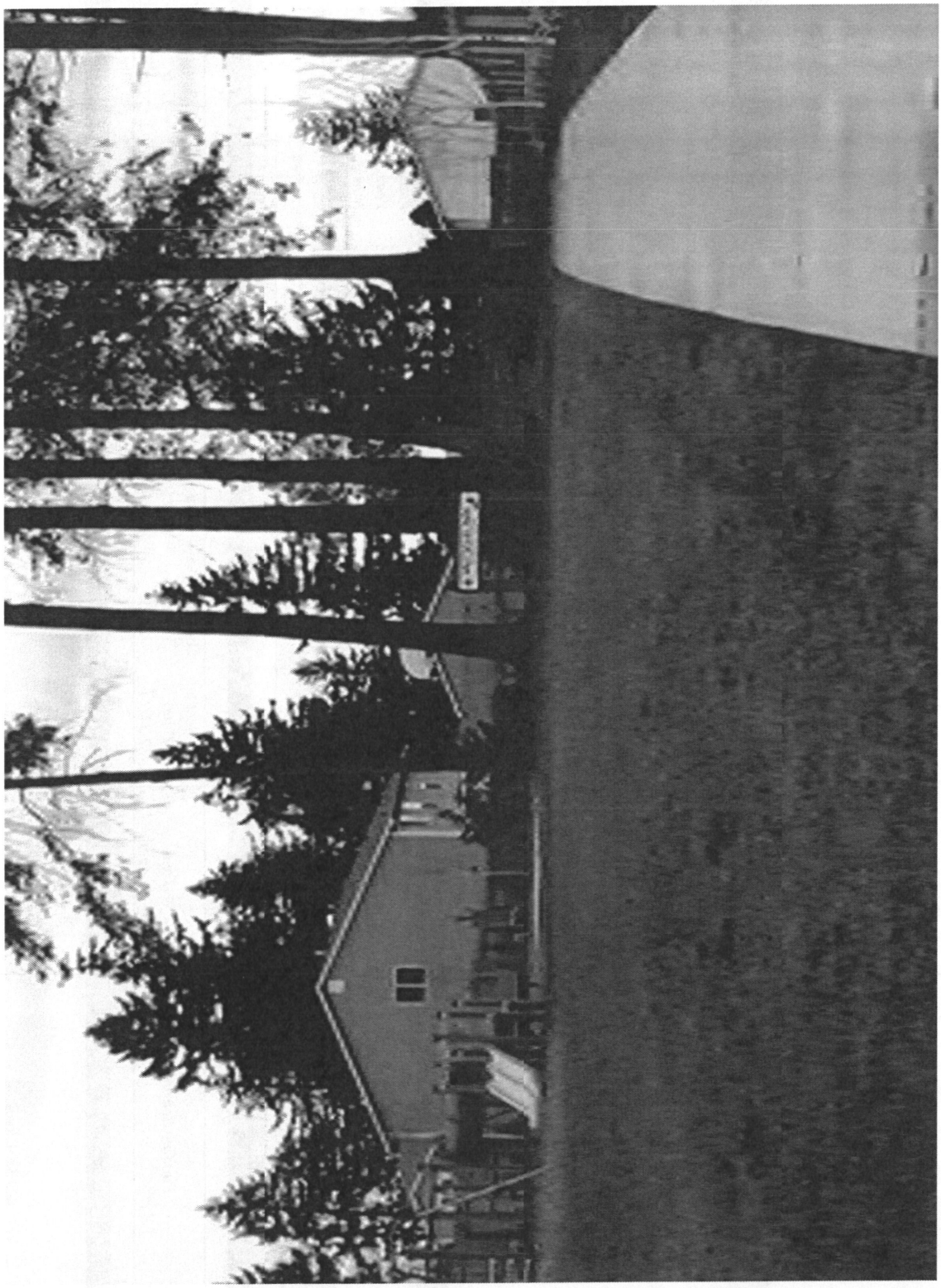
Replace the play structure that was removed for safety reasons due to age and deterioration. Park rennovation will include ADA compliance, picnic table and bench replacement.

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**	**-**	**-**	**-**	**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**	**-**	**-**	**-**	**198**	**-**	**-**	**-**	**-**

Westwood Play Equipment



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

Westwood Play Equipment	310

CIP Category: Park Facility Projects

Managing Department: Parks, Recr & Sr Services

Summary Project Description:

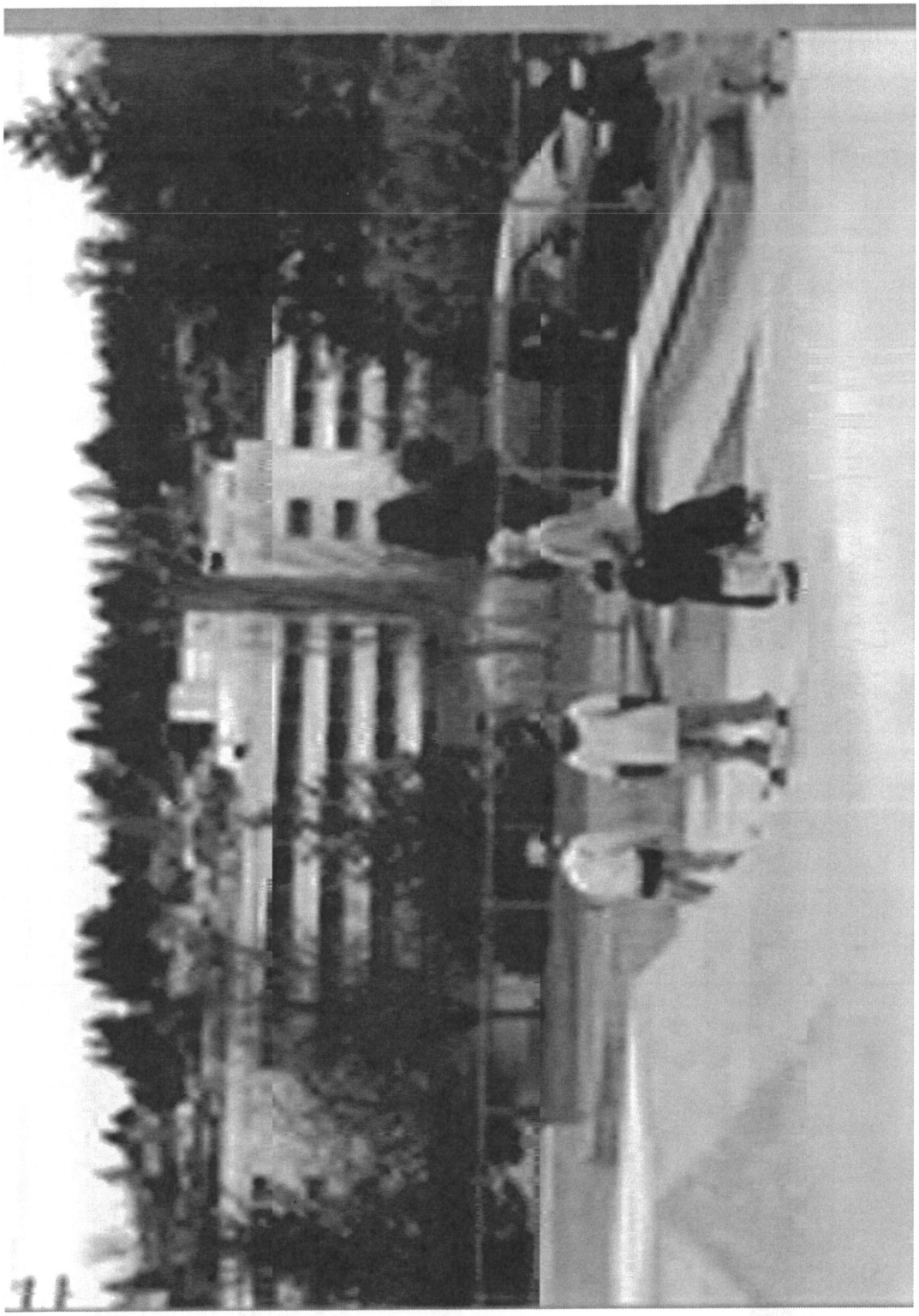
Replace the wooden play structure. Park rennovation will include ADA compliance, picnic table and bench replacement. Installation of new equipment will require meeting current ADA access standards.

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

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	65				65				
Contingency	3				3				
Total Expenditures	**68**	**-**	**-**	**-**	**68**	**-**	**-**	**-**	**-**

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	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

CIP Category: Park Facility Projects

Managing Department: Parks, Recr & Sr Services

Summary Project Description:
Repairs to the skate park.

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	**155**	**-**	**-**	**-**	**155**	**-**	**-**	**-**	**-**

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	**155**	**-**	**-**	**-**	**155**	**-**	**-**	**-**	**-**

Wooton Park

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

Wooton Park	310

CIP Category: Park Facility Projects

Managing Department: Parks, Recr & Sr Services

Summary Project Description:
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**	**-**	**-**	**-**	**240**	**-**	**-**	**-**	**-**

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

CIP Category: Park Facility Projects

Managing Department: Parks, Recr & Sr Services

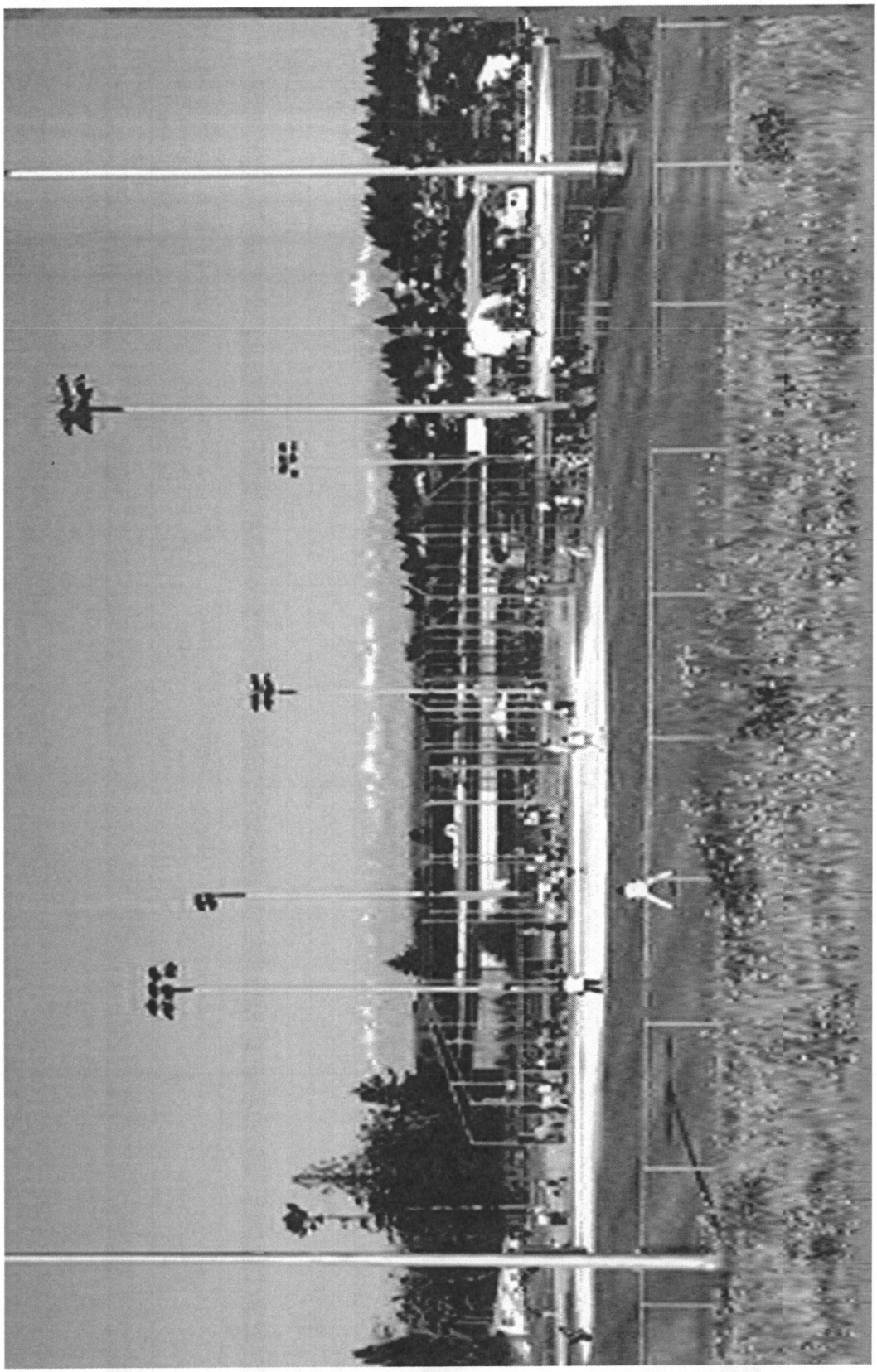
Summary Project Description:
Relocate out of the gully and replace play equipment included ADA access.

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**	**-**	**-**	**-**	**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**	**-**	**-**	**-**	**210**	**-**	**-**	**-**	**-**

SJU Equipment, Irrig and Landscape



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

SJU Equipment, Irrig and Landscape	310

CIP Category: Park Facility Projects

Managing Department: Parks, Recr & Sr Services

Summary Project Description:

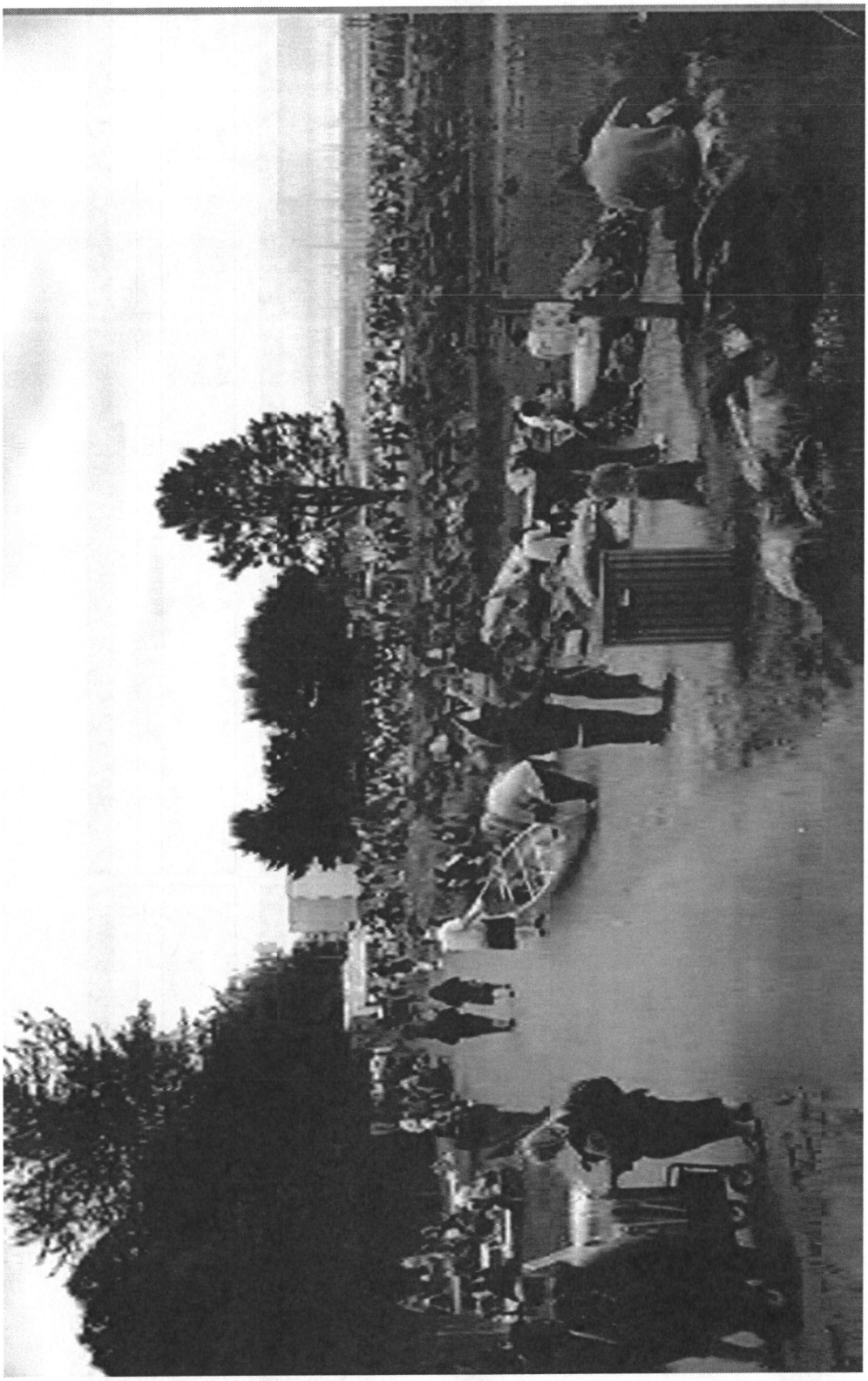
Add play equipment, new irrigation, bring in topsoil to level the grass area and hydroseed over the topsoil.

Justification/Benefits: The existing irrigaiton 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 facilit for sports leagues and tournaments.

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	53				53				
Land & Right of Way	-								
Construction	310				310				
Contingency	42				42				
Total Expenditures	**405**	**-**	**-**	**-**	**405**	**-**	**-**	**-**	**-**

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	287				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

CIP Category: Waterfont Facility Project

Managing Department: Marina

Summary Project Description:

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 revement material from the beach and include wider sidewalks and pedestrian amenitites.

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

CIP Category: Waterfont Facility Project

Managing Department: Marina

Justification/Benefits:

Summary Project Description:

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 increse 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.
Float $15,000; Concrete work $75,000; new hoops $10,000.

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				100				
Contingency	10				10				
Total Expenditures	**110**	**-**	**-**	**-**	**110**	**-**	**-**	**-**	**-**

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	40				40				
State of Washington Grants (Unconfirmed)	70				70				
Total Funding	**110**	**-**	**-**	**-**	**110**	**-**	**-**	**-**	**-**

Redondo Restroom & Plaza

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

Redondo Restroom & Plaza	310

CIP Category: Waterfont Facility Project

Managing Department: Marina

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.

Justification/Benefits: The existing restrooms are 35 yeasrs 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**	**-**	**-**	**-**	**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***
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

CIP Category: Waterfont Facility Project

Managing Department: Marina

Summary Project Description:

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.

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: Waterfont 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		***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	200				200				
Contingency	25				25				
Total Expenditures	**225**	**-**	**-**	**-**	**225**	**-**	**-**	**-**	**-**

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	67				67				
State of Washington Grants (Unconfirmed)	158				158				
Total Funding	**225**	**-**	**-**	**-**	**225**	**-**	**-**	**-**	**-**

Driver Speed Feedback Signs

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

Driver Speed Feedback Signs	319.609

CIP Category: Transportation - Operating Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

Install permanet 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.

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		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 Enforecement) GF X-fer	30			15		15			
Total Funding	**30**	**-**	**-**	**15**	**-**	**15**	**-**	**-**	**-**

Guardrail Program

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

Guardrail Program	319.103

CIP Category: Transportation - Operating Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

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.

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*
ASE (Automatic Speed Enforecement) 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

CIP Category: Transportation - Operating Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

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*							
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	2,284		59	100	425	425	425	425	425
Contingency	-								
Total Expenditures	**2,284**	**-**	**59**	**100**	**425**	**425**	**425**	**425**	**425**

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	2,284		59	100	425	425	425	425	425
Total Funding	**2,284**	**-**	**59**	**100**	**425**	**425**	**425**	**425**	**425**

Sidewalk Program

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

Sidewalk Program	319.120

CIP Category: Transportation - Operating Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

Replace sidewalks throughout the city. This program targest 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 pogram 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***							
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	175		25	25	25	25	25	25	25
Contingency	-								
Total Expenditures	**175**	**-**	**25**	**25**	**25**	**25**	**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***
ASE (Automatic Speed Enforecement) GF X-fer	175	25		25	25	25	25	25	25
Total Funding	**175**	**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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

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 Pipleline replacement.

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 Enforecement) 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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits:

Summary Project Description:

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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

South 216th St from R 99 to 24th Ave South. Widen roadway to 5 lanes with two additional travel lanes in each direction, a continous left turn late, 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	758				-			
Land & Right of Way	1,057	305	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***
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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

Re-align intersection and install round-a-bout at the intersection of Marine View Drive and S 240th Street.

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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

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

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		***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	1,064	268	473	323					
Land & Right of Way	-								
Construction	4,600					1,800	1,200	1,000	600
Contingency	-								
Total Expenditures	**5,664**	**268**	**473**	**323**	**-**	**1,800**	**1,200**	**1,000**	**600**

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	905			284		243	162	135	81
King County Park Levy	288	288							
Transport CIP Fund	68	68							
Local Grants (County, etc.)	44	44							
Federal Grants	4,359	42	318	20		1,557	1,038	865	519
Total Funding	**5,664**	**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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits:

Summary Project Description:
Replace Board Walk with improved design. FHWA 86.5% for grant funding total of $285K is confirmed. The rest of the grant funding is still in application status.

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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits:

Summary Project Description:

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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

Install sidewalks on both sides of South 268th Street between 16th Ave South and Pacific Highway South.

Justification/Benefits: S. 268th Street is a Neighborhhod 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 Enforecement) 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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

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. Undergrounding 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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits:

Summary Project Description:

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.

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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

Widen roadway to provide center turn lane, bike lanes, curb, gutter and sidewalks. If grant is unavailable then debt financing would be required.

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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits:

Summary Project Description:
Street lighting project.

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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

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

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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

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

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	***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 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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

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

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

CIP Category: Marina Capital Improvements

Managing Department: Marina

Summary Project Description:
Install new shore power pedestals and distribution wiring on docks H,I,J,K and L.

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 yeasrs 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**

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**

Fuel Dispenser

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

Fuel Dispenser	CP5.ST.5A.14.01

CIP Category: Marina Capital Improvements

Managing Department: Marina

Summary Project Description:
Replace fuel dispensers.

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 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 sheetpile floodwall on the south side of the creek, installing a small pump station, intalling native plantings along the stream, removing invasive species and installing streem 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-DesMoines 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*
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 Pipleline Replacement/Upgrade	451.815

CIP Category: Surface Water Mgmt

Managing Department: Plan, Build & PW Admin

Summary Project Description:

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.

Justification/Benefits: During major stroms 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 properites 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

CIP Category: Surface Water Mgmt

Managing Department: Plan, Build & PW Admin

Summary Project Description:
Replacement of existing pipes based on customer request and video based condition assessment.

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
Land & Right of Way	-								
Construction	920					230	230	230	230
Contingency	251				11	60	60	60	60
Total Expenditures	**1,361**	**-**	**-**	**-**	**49**	**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				49	328	328	328	328
Total Funding	**1,361**	**-**	**-**	**-**	**49**	**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

CIP Category: Surface Water Mgmt

Managing Department: Plan, Build & PW Admin

Summary Project Description:

Expand exisitng pond at 1st Ave and 4th Ave S, North Hill Area by 1.9 acre feet.

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 intall 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

CIP Category: Surface Water Mgmt

Managing Department: Plan, Build & PW Admin

Summary Project Description:

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.

Justification/Benefits: During major storms the drainage system the small 8-inch conveyance 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***
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 cooridinated 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*							
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	61								61
Land & Right of Way	-								
Construction	200								200
Contingency	48								48
Total Expenditures	**309**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**309**

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	309								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 downsream. 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 propect 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 cooridinated 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

CIP Category: Surface Water Mgmt

Managing Department: Plan, Build & PW Admin

Summary Project Description:

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 intallation of 14 manhole structures and minimal road restoration.

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**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**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*
Surface Water Utility	603								603
Total Funding	**603**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**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 RecoveryAct*

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."