

MUNICIPAL FACILITIES COMMITTEE AGENDA

**May 26, 2016 - North Conference Room
21630 11th Avenue South – Des Moines 98198
5:30 – 6:50 PM**

1. Call to order
2. Approve minutes from April 28, 2016 meeting
3. 2017-2022 Budget Review (MCI, Marina and Fund 506) Discussion – Dan Brewer, Patrice Thorell, Joe Dusenbury, Scott Romano and Dunyele Mason - 60 minutes.
4. Facility Repair and Replacement Needs-Fund 506 Continued Discussion – Dan Brewer – 10 minutes
5. 216th and Marine View Drive Property – Dan Brewer – 10 minutes

Draft - Minutes Des Moines City Council Municipal Facilities Committee – 4-28-2016

Meeting called to order: 5:30 pm on April 28, 2016 in North Conference Room @ 21630 11th Ave S. Des Moines, WA 98198

Council Members

Melissa Musser – Chair
Luisa Bangs – Council Member (absent)
Jeremy Nutting – Council Member

Guests

Bill Linscott

City Staff

Tony Piasecki, City Manager
Joe Dusenbury, Harbormaster
Scott Romano, CIP Manager
Patrice Thorell, Parks, Recreation and Senior Services Director
Dan Brewer, Planning Building & Public Works Director
Scott Wilkins, Asst. Harbormaster
Janet Best, Administrative Assistant

Minutes of the 3-8-2016 meeting were unanimously approved.

AGENDA:

1. Park Impact Fees (Residential and Commercial)
2. Facility Repair and Replacement Needs (Fund 506)
3. Disposition of the Wasson House
4. Marina/Beach Park Pay Parking

MEETING:

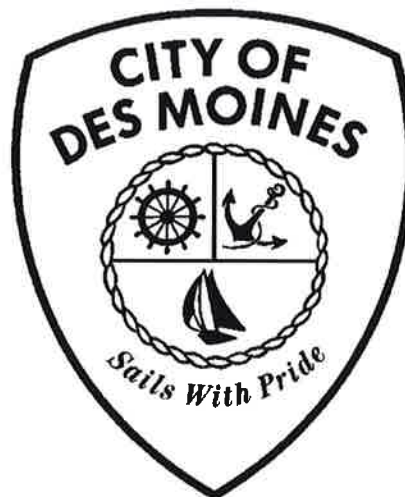
1. Parks, Recreation & Senior Services Director Patrice Thorell, gave an update regarding Residential and Commercial Park Impact Fees. Park Impact Fees are authorized by law under the Growth Management Act where the City assesses a Fee in Lieu for Parks from sub-division developments and multi-family residences under certain circumstances. These fees can include capacity building park enhancements but cannot be used for renovations of existing facilities. There has to be nexus between the fee and the park improvements. Community Parks and trails qualify for the use of the funds because they serve all of Des Moines. Examples of projects that would qualify are Beach Park promenade to connect the park with the Marina, Steven J Underwood Park play equipment and Barnes Creek Trail. A Park Rate Study would cost approximately \$30k. The Committee was not ready to support the study at this time and suggested bringing back the subject in the future after they had more time to review the information.
2. CIP Manager Scott Romano and Planning, Building & Public Works Director Dan Brewer, spoke about Fund 506. The intent of the fund is make annual assessments to cover the replacement costs of various facility components (roofs, carpets, painting etc). Not all facility related costs are included in Fund 506; regular and routine maintenance costs are included in the operating budget, and larger one-time facility projects are included in the MCI Capital Budget. For Fund 506, the City has been assessing themselves \$0.70 per square foot for at least the last decade although this has not been nearly enough as the 2015 and 2016 assessments were \$151,670 however, the expenditures were \$360,821 for a deficit of \$209,151. They provided a list of the 14 (soon to be 16) facilities being maintained, the 5 Beach Park facilities that are not maintained besides the 4 areas currently maintained by the Marina. They questioned if those facilities should be within the Fund 506 assessments. They discussed the uniqueness of some of the facilities and the typical facility tracking information which included: Roofing, HVAC Systems, Interior Flooring/Furnishings, Plumbing Systems, Fire Controls, Security Systems and more. They questioned if they were capturing the crucial components to track and assess.
3. There was discussion regarding the disposition of the Wasson house. While the disposition is unclear, there was real concern for keeping people safe and off the roadway on the south east side of the building including removal of trees and bushes. Once the house is accessible, it was suggested that the Council tour it for a better understanding of its capabilities.
4. Harbor Master Joe Dusenbury gave a brief update on Pay Parking at the Marina. With Pay Parking approved by Council, the timing is tight to implement this summer. Next week they will be pulling permits for SEPA and

shoreline and are determining the exact locations for pay stations. They hope to have the program running by August.

The meeting was adjourned at 6:49pm. Minutes submitted by: Janet Best, Administrative Assistant.

CITY MANAGER RECOMMENDED

5/18/2016



2017-2022

CAPITAL IMPROVEMENTS PLAN

Resolution No. 16-XXX
Adopted by the City Council
on July XX, 2016

CITY OF DES MOINES
2017 – 2022
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 2017-2022 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 2017-2022 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 2017-2022 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 was later amended by Ordinance No. 1637 in 2015, which defines 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 implemented 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

Debt Management Policies:

- The city shall determine the most advantageous financing method for all new projects. Whenever possible, the city shall identify alternative sources of funding and shall examine the availability of all sources in order to minimize the level of debt.
- Pay-as-you-go financing of capital improvements shall be utilized whenever possible.
- The city shall utilize intergovernmental contribution, when available, to finance capital improvements that are consistent with the goals and priorities of the city.
- The scheduled maturities of long-term obligations shall not exceed the expected useful life of the capital project or asset financed.

CAPITAL IMPROVEMENT PLAN PROCESS

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

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

2. *Prepare inventory of existing facilities.* Each governmental unit compiles an inventory of its own physical plant. This helps to indicate the eventual need for renewal, replacements, expansion or retirement of some of the physical plant. This often is accomplished through a master plan process.

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

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

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

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

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

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

7. *Monitoring the Capital Project Budget.* Monitoring the approved capital project budget requires appropriate actions from the Finance Department. Since capital projects often involve time-consuming activities such as bidding, site selection, and lengthy purchasing and construction delays, the actual implementation of projects may be completed somewhat later than the designated year. If funds are incomplete, it may be desirable to split the project over two funding years. An example of this would be

completing the Engineering design and bid specification development in one year and the actual construction in the second year.

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

CAPITAL PROJECT EVALUATION CRITERIA

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

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

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

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

Related Project. Sometimes projects in one category are essential to the success of those in others. Related projects proposed by other departments or governmental jurisdictions may even affect a savings to a particular project. Coordination of street projects with utility programs within the city (or those planned by other jurisdictions) can reduce costs and minimize public inconvenience. A surface water line replacement needed in three years may be given a higher priority in order to coincide with a street resurfacing project needed immediately.

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

Economic Impact. A project may affect the local economy. Increases or decreases in property valuations may occur. Rapid growth in the area may increase the city's land acquisition costs if the project is deferred.

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

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

Adrienne Clarkson

SUMMARY LISTING OF PROJECT EXPENDITURES AND FUNDING SOURCES

CITY OF DES MOINES
CIP COSTS SUMMARY: 2017-2022
(Amounts in Thousands)

<i>Page #</i>	<i>Project Name</i>	<i>Total Budget</i>	<i>Project to Date 12/31/15</i>	<i>Sched Year 2016</i>	<i>Plan Year 2017</i>	<i>Plan Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>
GENERAL MUNICIPAL IMPROVEMENTS										
<u><i>Economic Development & Tourism Projects</i></u>										
17	N. Lot Fishing Pier Paid Parking	400	-	400	-	-	-	-	-	-
19	I- 5 Signage	60	-	-	60	-	-	-	-	-
21	Redondo Paid Parking	200	-	-	200	-	-	-	-	-
	Total Econ Dev & Tourism	660	-	400	260	-	-	-	-	-
<u><i>Building Facility Projects</i></u>										
23	Field House Roof	120	-	120	-	-	-	-	-	-
25	Council Chambers Lighting	25	-	25	-	-	-	-	-	-
27	Beach Park Fiber Optic Cable	60	-	-	60	-	-	-	-	-
29	LED Exterior Lighting	34	-	-	34	-	-	-	-	-
31	Founders' Lodge Exterior Paint	90	-	-	-	90	-	-	-	-
33	Engineer Bldg Windows	25	-	-	-	-	25	-	-	-
35	City Hall Canopy Repairs	55	-	-	-	-	55	-	-	-
37	Activity Center Exterior Paint	30	-	-	-	-	-	30	-	-
39	PW Service Center Interior Painting	60	-	-	-	-	-	-	60	-
41	Field House Interior Paint	35	-	-	-	-	-	-	35	-
43	City Hall Generator	365	-	-	-	-	-	-	24	341
45	Police Dept Storage Building	445	-	-	-	-	-	-	-	445
47	Activity Center Irrigation/Landscape	65	-	-	-	-	-	-	-	65
49	City Hall Parking Lot	260	-	-	-	-	-	-	-	260
	Total Building Facilities	1,669	-	145	94	90	80	30	119	1,111
<u><i>Technology Projects</i></u>										
51	Financial System Replacement	252	-	101	151	-	-	-	-	-
	Total Technology	252	-	101	151	-	-	-	-	-

CITY OF DES MOINES
CIP COSTS SUMMARY: 2017-2022
 (Amounts in Thousands)

<i>Page #</i>	<i>Project Name</i>	<i>Total Budget</i>	<i>Project to Date 12/31/15</i>	<i>Sched Year 2016</i>	<i>Plan Year 2017</i>	<i>Plan Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>
<u>Park Facility & Playground Projects</u>										
53	BP Picnic Shelter/Restrooms	623	7	616	-	-	-	-	-	-
55	Parkside Playground	441	19	422	-	-	-	-	-	-
57	Parkside Soil Remediation	121	-	121	-	-	-	-	-	-
59	Field House Tennis Court	25	-	25	-	-	-	-	-	-
61	Field House Skate Park	155	-	-	155	-	-	-	-	-
63	DMBP Sun Home Lodge Rehab	617	-	-	-	45	572	-	-	-
65	Wooton Park	234	-	-	-	-	-	234	-	-
67	Kiddy Park Play Equipment	210	-	-	-	-	-	-	210	-
69	Westwood Play Equipment	68	-	-	-	-	-	-	-	68
71	SJU Irrig and Landscape	205	-	-	-	-	-	-	-	205
	Total City Wide Park Facilities	2,699	26	1,184	155	45	572	234	210	273
<u>Waterfront Facility Projects</u>										
73	Redondo Floats	110	-	-	-	-	110	-	-	-
75	Redondo Fishing Pier Replace Decking	225	-	-	-	-	225	-	-	-
77	North Bulkhead	2,100	-	-	-	-	-	-	100	2,000
79	N Pier Restrooms	250	-	-	-	-	-	-	-	250
81	Redondo Restroom & Plaza	400	-	-	-	-	-	-	-	400
	Total Waterfront Facilities	3,085	-	-	-	-	335	-	100	2,650
<u>Transportation - Operating Projects</u>										
83	Arterial Street Pavement Preservation	2,500	-	20	700	20	860	20	860	20
85	Arterial Traffic Calming	75	-	15	15	-	-	15	15	15
87	Sidewalk Program	140	-	20	20	20	20	20	20	20
89	Guardrail Program	100	-	25	-	25	-	25	-	25
	Total Transport - O&M Projects	2,815	-	80	735	65	880	80	895	80
<u>Transportation - Capital Projects</u>										
91	SW Bridge Seismic Retrofit	4,412	4,367	45	-	-	-	-	-	-
93	Midway SRTS 24th Ave Sidewalk	395	28	38	329	-	-	-	-	-
95	24th Ave South Improvement	8,500	8,470	30	-	-	-	-	-	-
97	Gateway - S 216th Segment 1A	6,885	1,817	5,068	-	-	-	-	-	-
99	Barnes Creek Trail	4,869	540	524	50	2,253	1,502	-	-	-
101	Redondo Board Walk Replacement	4,695	458	4,237	-	-	-	-	-	-
103	South 268th Street Sidewalk	880	-	880	-	-	-	-	-	-
105	S 224th St Improvements	615	-	113	502	-	-	-	-	-
107	Adrianna Sidewalk Vacation Placeholder	106	-	-	106	-	-	-	-	-
109	16th Ave - Seg 5A	129	-	-	129	-	-	-	-	-
111	Downtown Alley Improvement	430	-	-	70	360	-	-	-	-
113	S 223rd Walkway Improvements	191	-	-	15	176	-	-	-	-
115	S 200th St Safe Routes to School	720	-	-	75	645	-	-	-	-
117	Marine View Dr Roundabout	2,072	-	-	160	812	1,100	-	-	-
119	South 216th - Segment 3	5,650	-	-	159	501	4,990	-	-	-
121	SeaTac Signal Improvements	350	-	-	-	-	150	200	-	-
123	South 236th Lane	2,191	-	-	-	-	200	200	1,791	-
125	Redondo Area Street Improvements	70	-	-	-	-	-	70	-	-
127	South 240th Street Improve - Seg 1	6,300	-	-	-	-	-	735	5,565	-
129	South 240th Street Improve - Seg 2	4,850	-	-	-	-	-	435	4,415	-
131	Kent-Des Moines Rd - Seg 2	7,200	-	-	-	-	-	-	985	6,215
	Total Transport - Capital Projects	61,510	15,680	10,935	1,595	4,747	7,942	1,640	12,756	6,215
Total General Municipal Improvements		72,690	15,706	12,845	2,990	4,947	9,809	1,984	14,080	10,329

CITY OF DES MOINES
CIP COSTS SUMMARY: 2017-2022
(Amounts in Thousands)

<i>Page #</i>	<i>Project Name</i>	<i>Total Budget</i>	<i>Project to Date 12/31/15</i>	<i>Sched Year 2016</i>	<i>Plan Year 2017</i>	<i>Plan Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>
MARINA CAPITAL IMPROVEMENTS										
133	Marina Boat Building	300	-	300	-	-	-	-	-	-
135	Dock Electrical Replacements	360	-	60	60	-	60	60	60	60
137	Marina Gate Security	40	-	40	-	-	-	-	-	-
139	Marina Fiber Optic Cable	150	-	-	150	-	-	-	-	-
141	Fuel Dispenser	60	-	-	-	60	-	-	-	-
143	Marina Dock Replacement	1,200	-	-	-	-	-	-	-	1,200
	Total Marina	2,110	-	400	210	60	60	60	60	1,260
SURFACE WATER MANAGEMENT CAPITAL										
145	Barnes Crk/Kent-Des Moines Rd Culvert	1,878	320	225	178	1,155	-	-	-	-
147	Lower Massey Creek Channel Modification	1,908	366	1,542	-	-	-	-	-	-
149	S. 251st Street Storm Outfall	370	-	370	-	-	-	-	-	-
151	24th Ave Pipeline Replacement/Upgrade	263	-	-	263	-	-	-	-	-
153	Pipe Replacement Program	1,640	-	-	49	328	328	328	328	279
155	1st Ave Pond Expansion	385	-	-	-	60	325	-	-	-
157	5th Ave/212th Street Pipe Upgrade	815	-	-	-	-	815	-	-	-
159	N. Fork McSorley Ck Diversion	432	-	-	-	-	-	432	-	-
161	6th Ave/239th Pipe Replacement	191	-	-	-	-	-	191	-	-
163	14th Ave (268th to 272nd) Pipe Upgrade	478	-	-	-	-	-	478	-	-
165	216th Pl/ Marine View Dr. Pipe Upgrade	309	-	-	-	-	-	-	309	-
167	KDM /16th Avenue A Pipe Replacement	272	-	-	-	-	-	-	272	-
169	DMMD 208th to 212th Pipe Project	603	-	-	-	-	-	-	603	-
171	8th Ave (264th to 265th)	270	-	-	-	-	-	-	-	270
173	KDM/16th Ave B Pipe Replacement	880	-	-	-	-	-	-	-	880
	Total Surface Water Mgmt	10,694	686	2,137	490	1,543	1,468	1,429	1,512	1,429
TOTAL CITY WIDE		85,494	16,392	15,382	3,690	6,550	11,337	3,473	15,652	13,018

CITY OF DES MOINES
CIP REVENUE SOURCE SUMMARY: 2017-2022

(Amounts in Thousands)

Page #	Project Name	Total Budget	Project to Date 12/31/15	Sched Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
GENERAL FUND										
17	N. Lot Fishing Pier Paid Parking	125	-	125	-	-	-	-	-	-
	Total General Fund	125	-	125	-	-	-	-	-	-
COMPUTER REPLACEMENT FUND										
51	Financial System Replacement	192	-	71	121	-	-	-	-	-
	Total Computer Replacement Fund	192	-	71	121	-	-	-	-	-
REDONDO ZONE										
21	Redondo Paid Parking	-	-	-	-	-	-	-	-	-
125	Redondo Area Street Improvements	70	-	-	-	-	-	70	-	-
	Total Redondo Zone Parking	70	-	-	-	-	-	70	-	-
AUTOMATED SPEED ENFORCE (ASE)										
93	Midway SRTS 24th Ave Sidewalk	268	207	-	61	-	-	-	-	-
103	South 268th Street Sidewalk	38	-	38	-	-	-	-	-	-
87	Sidewalk Program	140	-	20	20	20	20	20	20	20
85	Arterial Traffic Calming	75	-	15	15	-	-	15	15	15
115	S 200th St Safe Routes to School	75	-	-	25	50	-	-	-	-
113	S 223rd Walkway Improvements	30	-	-	-	30	-	-	-	-
	Total ASE	626	207	73	121	100	20	35	35	35
TRANSPORTATION BENEFIT DISTRICT										
83	Arterial Street Pavement Preservation	2,500	-	280	440	440	440	440	440	20
103	South 268th Street Sidewalk	50	-	50	-	-	-	-	-	-
	Total Transportation Benefit District	2,550	-	330	440	440	440	440	440	20
REET 1st QTR %										
99	Barnes Creek Trail	644	39	248	50	204	103	-	-	-
101	Redondo Board Walk Replacement	500	30	470	-	-	-	-	-	-
59	Field House Tennis Court	25	-	25	-	-	-	-	-	-
53	BP Picnic Shelter/Restrooms	41	-	171	(54)	(54)	(22)	-	-	-
21	Redondo Paid Parking	200	-	-	200	-	-	-	-	-
27	Beach Park Fiber Optic Cable	60	-	-	60	-	-	-	-	-
77	North Bulkhead	1,100	-	-	-	-	150	300	300	350
43	City Hall Generator	365	-	-	-	-	-	-	24	341
45	Police Dept Storage Building	445	-	-	-	-	-	-	-	445
49	City Hall Parking Lot	260	-	-	-	-	-	-	-	260
	Total REET 1st Qtr %	3,640	69	914	256	150	231	300	324	1,396
REET - 2nd QTR %										
55	Parkside Playground	10	8	2	-	-	-	-	-	-
57	Parkside Soil Remediation	1	-	1	-	-	-	-	-	-
17	N. Lot Fishing Pier Paid Parking	275	-	275	-	-	-	-	-	-
103	South 268th Street Sidewalk	94	-	94	-	-	-	-	-	-
89	Guardrail Program	100	-	25	-	25	-	25	-	25
61	Field House Skate Park	155	-	-	155	-	-	-	-	-
73	Redondo Floats	40	-	-	-	-	40	-	-	-
75	Redondo Fishing Pier Replace Decking	67	-	-	-	-	67	-	-	-
65	Wooton Park	234	-	-	-	-	-	234	-	-
67	Kiddy Park Play Equipment	210	-	-	-	-	-	-	210	-
69	Westwood Play Equipment	68	-	-	-	-	-	-	-	68
71	SJU Irrig and Landscape	145	-	-	-	-	-	-	-	145
81	Redondo Restroom & Plaza	200	-	-	-	-	-	-	-	200
79	N Pier Restrooms	250	-	-	-	-	-	-	-	250
	Total REET 2nd Qtr %	1,849	8	397	155	25	107	259	210	688

CITY OF DES MOINES
CIP REVENUE SOURCE SUMMARY: 2017-2022

(Amounts in Thousands)

<i>Page #</i>	<i>Project Name</i>	<i>Total Budget</i>	<i>Project to Date 12/31/15</i>	<i>Sched Year 2016</i>	<i>Plan Year 2017</i>	<i>Plan Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>
KING COUNTY PARK LEVY										
99	Barnes Creek Trail	288	288	-	-	-	-	-	-	-
53	BP Picnic Shelter/Restrooms	289	107	52	54	54	22	-	-	-
	<i>Repay REET temp used for BP Picnic/Restroom</i>				(54)	(54)	(22)			
	Total King County Park Levy	577	395	52	-	-	-	-	-	-
PARK IN LIEU - Use as match after funds accumulate										
	Total Park in Lieu	-	-	-	-	-	-	-	-	-
ONE TIME REVENUE										
	Total One Time Revenue	-	-	-	-	-	-	-	-	-
TRAFFIC IN LIEU										
95	24th Ave South Improvement	4,166	4,166	-	-	-	-	-	-	-
109	16th Ave - Seg 5A	129	129	-	-	-	-	-	-	-
97	Gateway - S 216th Segment 1A	850	259	591	-	-	-	-	-	-
107	Adrianna Sidewalk Vacation Placeholder	106	106	-	-	-	-	-	-	-
111	Downtown Alley Improvement	330	-	-	70	260	-	-	-	-
123	South 236th Lane	1,091	-	-	517	-	574	-	-	-
117	Marine View Dr Roundabout	783	-	-	-	343	440	-	-	-
119	South 216th - Segment 3	1,300	-	-	-	-	1,300	-	-	-
129	South 240th Street Improve - Seg 2	2,900	-	-	-	-	-	235	2,665	-
131	Kent-Des Moines Rd - Seg 2	20	-	-	-	-	-	-	20	-
	Total Traffic in Lieu	11,675	4,660	591	587	603	2,314	235	2,685	-
TRANSPORATION CIP										
91	SW Bridge Seismic Retrofit	528	528	-	-	-	-	-	-	-
99	Barnes Creek Trail	69	69	-	-	-	-	-	-	-
109	16th Ave - Seg 5A	-	-	-	-	-	-	-	-	-
97	Gateway - S 216th Segment 1A	894	688	206	-	-	-	-	-	-
105	S 224th St Improvements	615	606	9	-	-	-	-	-	-
	Total Transportation CIP Fund	2,288	1,891	397	-	-	-	-	-	-
TRAFFIC IMPACT CITY WIDE										
95	24th Ave South Improvement	181	181	-	-	-	-	-	-	-
97	Gateway - S 216th Segment 1A	366	50	316	-	-	-	-	-	-
93	Midway SRTS 24th Ave Sidewalk	127	-	-	127	-	-	-	-	-
119	South 216th - Segment 3	420	-	-	24	75	321	-	-	-
117	Marine View Dr Roundabout	160	-	-	160	-	-	-	-	-
99	Barnes Creek Trail	200	-	-	-	100	100	-	-	-
123	South 236th Lane	1,100	-	-	-	-	1,100	-	-	-
121	SeaTac Signal Improvements	350	-	-	-	-	150	200	-	-
131	Kent-Des Moines Rd - Seg 2	330	-	-	-	-	-	-	330	-
	Total Traffic Impact City Wide	3,234	231	316	311	175	1,671	200	330	-

CITY OF DES MOINES
CIP REVENUE SOURCE SUMMARY: 2017-2022

(Amounts in Thousands)

<i>Page #</i>	<i>Project Name</i>	<i>Total Budget</i>	<i>Project to Date 12/31/15</i>	<i>Sched Year 2016</i>	<i>Plan Year 2017</i>	<i>Plan Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>
MARINA REVENUES										
51	Financial System Replacement	30	-	15	15	-	-	-	-	-
137	Marina Gate Security	40	-	40	-	-	-	-	-	-
143	Marina Dock Replacement	1,200	-	116	125	125	125	125	125	459
135	Dock Electrical Replacements	360	-	60	60	-	60	60	60	60
133	Marina Boat Building	300	-	300	-	-	-	-	-	-
139	Marina Fiber Optic Cable	150	-	-	150	-	-	-	-	-
141	Fuel Dispenser	60	-	-	-	60	-	-	-	-
	Total Marina Revenues	2,140	-	531	350	185	185	185	185	519
SURFACE WATER UTILITY										
147	Lower Massey Creek Channel Modification	1,512	335	1,177	-	-	-	-	-	-
145	Barnes Crk/Kent-Des Moines Rd Culvert	1,878	304	241	178	1,155	-	-	-	-
149	S. 251st Street Storm Outfall	370	-	370	-	-	-	-	-	-
51	Financial System Replacement	30	-	15	15	-	-	-	-	-
153	Pipe Replacement Program	1,640	-	-	49	328	328	328	328	279
151	24th Ave Pipeline Replacement/Upgrade	263	-	-	263	-	-	-	-	-
155	1st Ave Pond Expansion	150	-	-	-	30	120	-	-	-
157	5th Ave/212th Street Pipe Upgrade	815	-	-	-	-	815	-	-	-
159	N. Fork McSorley Ck Diversion	432	-	-	-	-	-	432	-	-
161	6th Ave/239th Pipe Replacement	191	-	-	-	-	-	191	-	-
163	14th Ave (268th to 272nd) Pipe Upgrade	478	-	-	-	-	-	478	-	-
165	216th Pl/ Marine View Dr. Pipe Upgrade	309	-	-	-	-	-	-	309	-
167	KDM /16th Avenue A Pipe Replacement	272	-	-	-	-	-	-	272	-
169	DMMD 208th to 212th Pipe Project	603	-	-	-	-	-	-	603	-
171	8th Ave (264th to 265th)	270	-	-	-	-	-	-	-	270
173	KDM/16th Ave B Pipe Replacement	880	-	-	-	-	-	-	-	880
	Total Surface Water Utility	10,093	639	1,803	505	1,513	1,263	1,429	1,512	1,429
FACILITY MAJOR MAINT/REPAIR										
25	Council Chambers Lighting	25	-	25	-	-	-	-	-	-
23	Field House Roof	120	-	120	-	-	-	-	-	-
29	LED Exterior Lighting	34	-	-	34	-	-	-	-	-
31	Founders' Lodge Exterior Paint	90	-	-	-	90	-	-	-	-
35	City Hall Canopy Repairs	55	-	-	-	-	55	-	-	-
33	Engineer Bldg Windows	25	-	-	-	-	25	-	-	-
37	Activity Center Exterior Paint	30	-	-	-	-	-	30	-	-
39	PW Service Center Interior Painting	60	-	-	-	-	-	-	60	-
41	Field House Interior Paint	35	-	-	-	-	-	-	35	-
47	Activity Center Irrigation/Landscape	65	-	-	-	-	-	-	-	65
	Total Facility Major Maint/Repair	539	-	145	34	90	80	30	95	65

CITY OF DES MOINES
CIP REVENUE SOURCE SUMMARY: 2017-2022

(Amounts in Thousands)

<i>Page #</i>	<i>Project Name</i>	<i>Total Budget</i>	<i>Project to Date 12/31/15</i>	<i>Sched Year 2016</i>	<i>Plan Year 2017</i>	<i>Plan Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>
LOCAL GRANTS										
99	Barnes Creek Trail	44	44	-	-	-	-	-	-	-
97	Gateway - S 216th Segment 1A	30	7	23	-	-	-	-	-	-
53	Parkside Playground	36	11	25	-	-	-	-	-	-
147	Lower Massey Creek Channel Modification	396	-	396	-	-	-	-	-	-
63	DMBP Sun Home Lodge Rehab	45	-	-	-	45	-	-	-	-
155	1st Ave Pond Expansion	235	-	-	-	30	205	-	-	-
127	South 240th Street Improve - Seg 1	3,380	-	-	-	-	-	365	3,015	-
131	Kent-Des Moines Rd - Seg 2	3,600	-	-	-	-	-	-	635	2,965
	Total Local Grants	7,766	62	444	-	75	205	365	3,650	2,965
STATE GRANTS (Includes: TIB, RCO, C'TED, etc.)										
101	Redondo Board Walk Replacement	1,808	143	1,665	-	-	-	-	-	-
97	Gateway - S 216th Segment 1A	3,692	-	3,692	-	-	-	-	-	-
53	BP Picnic Shelter/Restrooms	293	-	293	-	-	-	-	-	-
57	Parkside Soil Remediation	120	-	120	-	-	-	-	-	-
119	South 216th - Segment 3	3,009	-	-	135	426	2,448	-	-	-
115	S 200th St Safe Routes to School	645	-	-	50	595	-	-	-	-
113	S 223rd Walkway Improvements	161	-	-	15	146	-	-	-	-
117	Marine View Dr Roundabout	1,129	-	-	-	469	660	-	-	-
63	DMBP Sun Home Lodge Rehab	572	-	-	-	-	572	-	-	-
73	Redondo Floats	70	-	-	-	-	70	-	-	-
75	Redondo Fishing Pier Replace Decking	158	-	-	-	-	158	-	-	-
129	South 240th Street Improve - Seg 2	1,750	-	-	-	-	-	200	1,550	-
127	South 240th Street Improve - Seg 1	2,670	-	-	-	-	-	370	2,300	-
71	SJU Irrig and Landscape	60	-	-	-	-	-	-	-	60
81	Redondo Restroom & Plaza	200	-	-	-	-	-	-	-	200
131	Kent-Des Moines Rd - Seg 2	3,000	-	-	-	-	-	-	-	3,000
165	North Bulkhead	1,000	-	-	-	-	-	-	-	1,000
	Total State Grants	20,337	143	5,770	200	1,636	3,908	570	3,850	4,260
FEDERAL GRANTS (Includes: STP, FMSIB, etc.)										
95	24th Ave South Improvement	3,000	3,000	-	-	-	-	-	-	-
97	Gateway - S 216th Segment 1A	613	488	125	-	-	-	-	-	-
99	Barnes Creek Trail	3,624	274	102	-	1,949	1,299	-	-	-
101	Redondo Board Walk Replacement	2,387	285	2,102	-	-	-	-	-	-
91	SW Bridge Seismic Retrofit	3,884	3,839	45	-	-	-	-	-	-
55	Parkside Playground	395	-	395	-	-	-	-	-	-
103	South 268th Street Sidewalk	431	-	431	-	-	-	-	-	-
119	South 216th - Segment 3	921	-	-	-	-	921	-	-	-
	Total Federal Grants	15,255	7,886	3,200	-	1,949	2,220	-	-	-
PRIVATE CONTRIBUTIONS										
95	24th Ave South Improvement	823	823	-	-	-	-	-	-	-
97	Gateway - S 216th Segment 1A	115	-	115	-	-	-	-	-	-
103	South 268th Street Sidewalk	85	-	85	-	-	-	-	-	-
19	I- 5 Signage	60	-	-	60	-	-	-	-	-
111	Downtown Alley Improvement	100	-	-	-	100	-	-	-	-
129	South 240th Street Improve - Seg 2	200	-	-	-	-	-	200	-	-
127	South 240th Street Improve - Seg 1	250	-	-	-	-	-	-	250	-
131	Kent-Des Moines Rd - Seg 2	250	-	-	-	-	-	-	-	250
	Total Private Contributions	1,883	823	200	60	100	-	200	250	250
DEBT PROCEEDS										
97	Gateway - S 216th Segment 1A	325	325	-	-	-	-	-	-	-
95	24th Ave South Improvement	330	330	-	-	-	-	-	-	-
	Total Debt Proceeds	655	655	-	-	-	-	-	-	-
TOTAL REVENUE SOURCES		85,494	17,669	15,359	3,140	7,041	12,644	4,318	13,566	11,627

INDIVIDUAL PROJECT DETAIL

N. Lot Fishing Pier Paid Parking



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

N. Lot Fishing Pier Paid Parking **310,403**

Summary Project Description:

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

CIP Category: Waterfront Facility Project

Managing Department: Marina

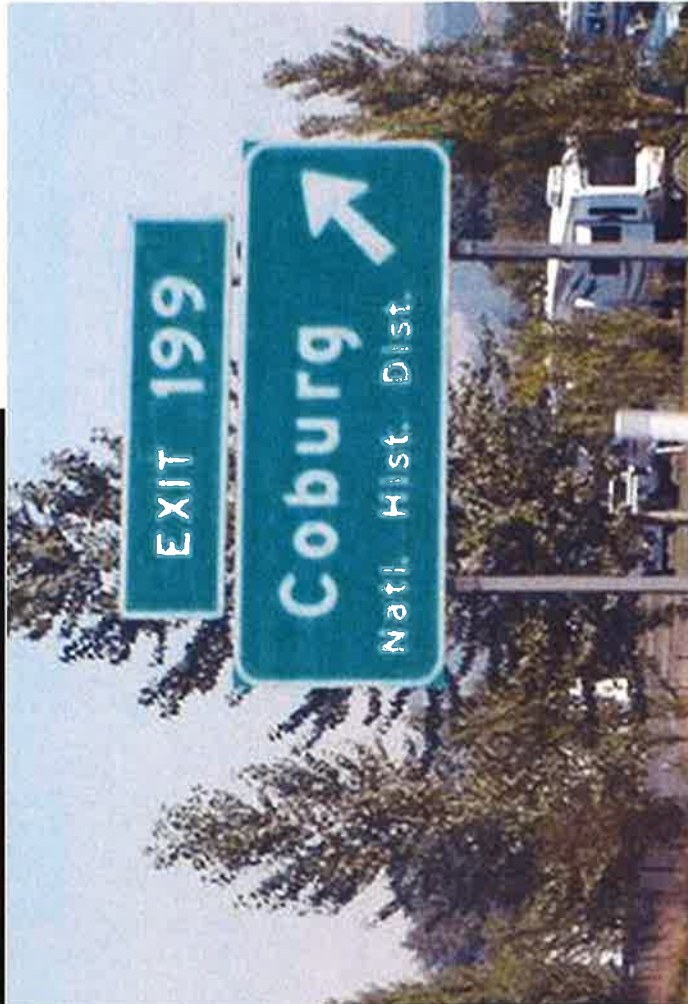
Justification/Benefits: The parking lots on the Marina floor are used by thousands of people each year. They come from all over King County to enjoy the scenery, the beach, the park and the Des Moines Creek Trail. The parking lot is also used for parking, location of community events as well as overflow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

PROJECT SCOPE			ANNUAL ALLOCATION											
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022					
Design	-	-			-									
Land & Right of Way	-	-				-								
Construction	400		400			-								
Contingency	-	-				-								
Total Expenditures		-	400	-	-	-	-	-	-					

Funding Sources		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
General Fund	125		125						
REET 2	275		275						
Total Funding		-	400	-	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT							
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022	
Revenue	-	-	-	-	-	-	-	-	
Expenses	-	-	-	-	-	-	-	-	
Net Impact		-	-	-	-	-	-	-	

I-5 Signage



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

I- 5 Signage	310	Summary Project Description:
CIP Category: Economic Development & Tourism		Install I-5 Signage (To The Beach) with Seattle Southside funding
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: I-5 Signage needed to promote Des Moines as a destination with 212,000 daily vehicles.

PROJECT SCOPE		ANNUAL ALLOCATION							
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Design	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-
Construction	60	-	-	60	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-
Total Expenditures	60	-	-	60	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Private Contributions	60	-	-	60	-	-	-	-	-
Total Funding	60	-	-	60	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Redondo Paid Parking



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Redondo Paid Parking	319.610	Summary Project Description:
CIP Category: Waterfront Facility Project		Equip the Redondo parking lot with an automated pay parking system including gates, ticket dispensers and a pay station.
Managing Department: Marina		

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

PROJECT SCOPE		ANNUAL ALLOCATION							
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Design	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-
Construction	200	-	-	200	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-
Total Expenditures	200	-	-	200	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
General Fund (One Time Revenues)	-	-	-	-	-	-	-	-	-
REET 1	200	-	-	200	-	-	-	-	-
Total Funding	200	-	-	200	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Fieldhouse Roof Replacement



**CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Field House Roof	506.706	Summary Project Description:
CIP Category: Building Facility Project		Install new roof with fall protection at the Field House.
Managing Department: Plan, Build & PW Admin		

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

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-	-	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-	-
Contingency	120	-	120	-	-	-	-	-	-	-	-
Total Expenditures	120	-	120	-	-	-	-	-	-	-	-
Funding Sources		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
REET 2	-	-	-	-	-	-	-	-	-	-	-
Facility Repair & Replace Fund	120	-	120	-	-	-	-	-	-	-	-
Total Funding	120	-	120	-	-	-	-	-	-	-	-
OPERATING IMPACT		CHIA									
Operating Impact	6 Year Total		2017	2018	2019	2020	2021	2022			
Revenue	-	-	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-	-	-	-	-

Council Chambers Lighting



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Council Chambers Lighting	506,704	Summary Project Description:
CIP Category: Building Facility Project		Improve lighting in Council Chambers.
Managing Department: Plan, Build & PW Admin		

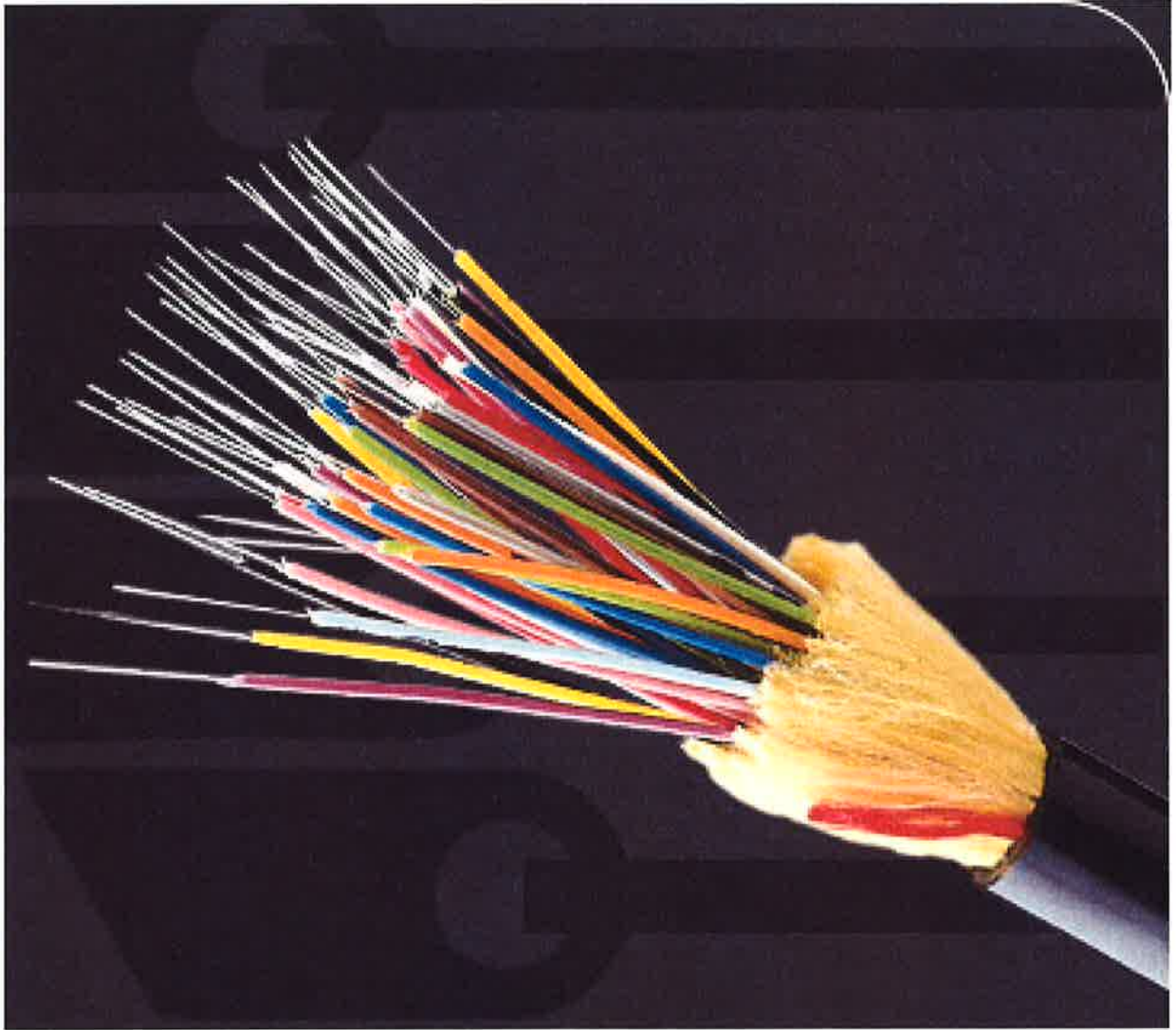
Justification/Benefits: The new lighting is necessary now that the new video recording system has been installed. The new lighting will remove the shadowing on the speakers and Council members and will provide a better quality recording for viewers.

PROJECT SCOPE		ANNUAL ALLOCATION							
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
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	-	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT						
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022
Revenue	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-	-

Beach Park Fiber Optic Cable



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Beach Park Fiber Optic Cable	310	Summary Project Description:
CIP Category: Park Facility Project		This project will install a fiber optic cable from the Marina Office to the Founders' Lodge thereby connecting the Beach Park facilities to the city network.
Managing Department: Information Technology		

Justification/Benefits: Connecting the Beach Park facilities to the city network will allow for the cancellation of the separate CenturyLink internet and phone services, will consolidate separate servers to a central location, will provide a connection pathway for future security cameras and will allow for remote management of parking equipment.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-										
Land & Right of Way	-										
Construction	60			60							
Contingency	-										
Total Expenditures	60			60							

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
REET 1	60			60							
Total Funding	60			60							

OPERATING IMPACT		ANNUAL OPERATING IMPACT									
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022			
Revenue	-	-	-	-	-	-	-	-	-	-	-
Expenses	(36)	-	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Net Impact	(36)	-	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)

LED Exterior Lighting



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

LED Exterior Lighting		506.705	Summary Project Description:	
CIP Category: Building Facility Project			Activity Center	\$4,000
Managing Department: Plan, Build & PW Admin			PW Service Ctr	\$7,200
			City Hall	\$9,100
			PW Engineering	\$2,750
			Police	\$5,200
			Field House	\$3,500
			SJU Park	\$2,100

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

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	1	-	-	1	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	30	-	-	30	-	-	-	-	-	-	-
Contingency	3	-	-	3	-	-	-	-	-	-	-
Total Expenditures	34	-	-	34	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Facility Repair & Replace Fund	34	-	-	34	-	-	-	-	-
Total Funding	34	-	-	34	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2017	2018	2019	2020	2021	2022
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Founders' Lodge Exterior Paint



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

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

Justification/Benefits: The Founders' Lodge is a revenue producing city rental facility. The exterior paint is deteriorating due to the moist environment that causes moss and algae to grow on the siding and trim. Its current poorly maintained condition is not aesthetically appealing for users.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-	-	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	90	-	-	-	90	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-	-	-
Total Expenditures	90	-	-	-	-	90	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Facility Repair & Replace Fund	90	-	-	-	-	90	-	-	-	-	-
Total Funding	90	-	-	-	-	90	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Engineer Bldg Windows



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Engineer Bldg Windows	506.200	Summary Project Description:
CIP Category: Building Facility Project		Replace upstairs windows and Information Systems' windows.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: The existing single pane windows are not energy efficient and most do not have screens to keep the bugs out and some are extremely hard 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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-	-	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	25	-	-	-	-	25	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-	-	-
Total Expenditures	25	-	-	-	-	25	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Facility Repair & Replace Fund	25	-	-	-	-	25	-	-	-
Total Funding	25	-	-	-	-	25	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT							
Operating Impact	6 Year Total	0	2016	2017	2018	2019	2020	2021	2022
Revenue	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-
Net Impact		-	-	-	-	-	-	-	-

City Hall Canopy Repairs



**CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

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

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

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	16	-				16					
Land & Right of Way	-	-									
Construction	34	-				34					
Contingency	5	-				5					
Total Expenditures	55	-	-	-	-	55	-	-	-	-	-

Funding Sources		Total Budget
Facility Repair & Replace Fund		55
Total Funding		55

ANNUAL OPERATING IMPACT											
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022			
Revenue	-	-	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-	-	-	-	-

Activity Center Exterior Paint



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Activity Center Exterior Paint	506	Summary Project Description:
CIP Category: Building Facility Project		Repair the top four foot section of the chimney exterior, replace some of the building's exterior siding and paint the exterior painting of the Activity Center.
Managing Department: Plan, Build & PW Admin		

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

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-	-	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	30	-	-	-	-	-	30	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-	-	-
Total Expenditures	30	-	-	-	-	-	30	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Facility Repair & Replace Fund	30	-	-	-	-	-	30	-	-
Total Funding	30	-	-	-	-	-	30	-	-

OPERATING IMPACT							ANNUAL OPERATING IMPACT				
Operating Impact							2016	2017	2018	2019	2020
Revenue	-	-	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-	-	-
Net Impact							-	-	-	-	-

PW Service Center Interior Painting



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

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

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

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022			
Design	-	-	-	-	-	-	-	-	-			
Land & Right of Way	-	-	-	-	-	-	-	-	-			
Construction	60	-	-	-	-	-	-	-	60			
Contingency	-	-	-	-	-	-	-	-	-			
Total Expenditures	60	-	-	-	-	-	-	-	60			

Funding Sources			Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Facility Repair & Replace Fund	60	-	-	-	-	-	-	-	60	-
Total Funding	60	-	-	-	-	-	-	-	60	-

OPERATING IMPACT			ANNUAL OPERATING IMPACT							
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022		
Revenue	-	-	-	-	-	-	-	-		
Expenses	-	-	-	-	-	-	-	-		
Net Impact			-	-	-	-	-	-		

Field House Interior Paint



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Field House Interior Paint	506	Summary Project Description:
CIP Category: Building Facility Project		Paint the inside of the Field House.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: It has been some time since the last painting. This building is used quite heavily by the public. New paint would enhance the interior looks for renters and daily users.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-	-	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	35	-	-	-	-	-	-	-	35	-	-
Contingency	-	-	-	-	-	-	-	-	-	-	-
Total Expenditures	35	-	-	-	-	-	-	-	35	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Facility Repair & Replace Fund	35	-	-	-	-	-	-	-	35
Total Funding	35	-	-	-	-	-	-	-	35

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

City Hall Generator



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

City Hall Generator	310
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CIP Category: Building Facility Project
 Managing Department: Plan, Build & PW Admin

Summary Project Description:

Install a new permanent 350 Kw optional standby generator behind Public Works Engineering to fully operate City Hall and Engineering (this includes the Mechanic Shop).

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	
Expenditures	Total Budget
Design	24
Land & Right of Way	-
Construction	300
Contingency	41
Total Expenditures	365

ANNUAL ALLOCATION											
Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
12/31/15	2016	2017	2018	2019	2020	2021	2022				
-						24					
-											
-											300
-											41
-										24	341

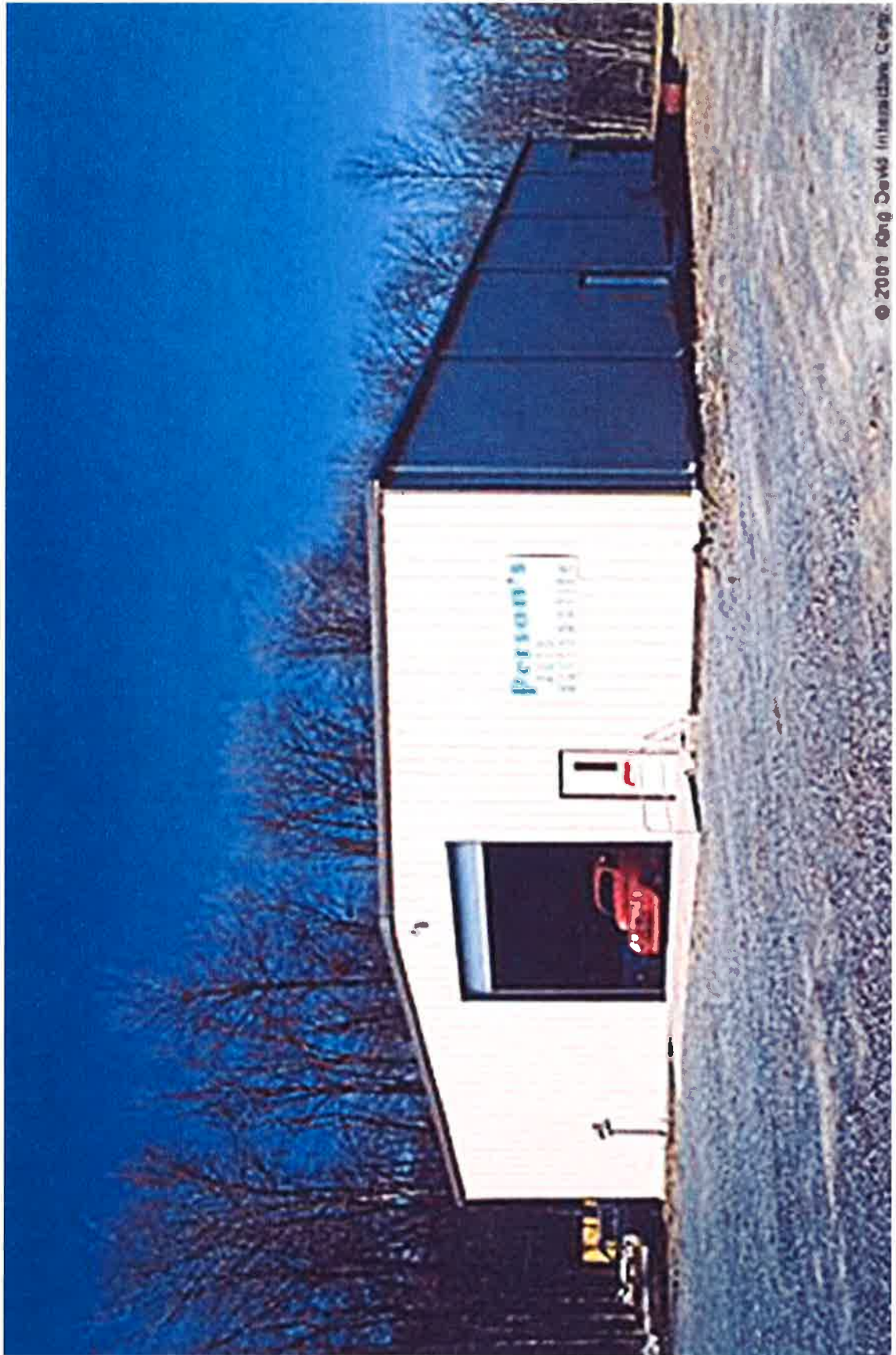
Funding Sources	
	Total Budget
REET 1	365
Total Funding	365

Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
12/31/15	2016	2017	2018	2019	2020	2021	2022				
-						24					341
-										24	341

OPERATING IMPACT	
Operating Impact	6 Year Total
Revenue	-
Expenses	-
Net Impact	-

ANNUAL OPERATING IMPACT											
	2016	2017	2018	2019	2020	2021	2022				
-	-	-	-	-	-	-	-				
-	-	-	-	-	-	-	-				
-	-	-	-	-	-	-	-				

Police Dept Storage Building



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

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

Justification/Benefits: Police currently store their seized property in the warehouse behind the City Shop and Engineering offices. This causes other City equipment to be stored elsewhere. This new building will accommodate the PD needs and will allow for better usage of the existing storage building.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	60	-	-	-	-	-	-	-	-	60	
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	
Construction	340	-	-	-	-	-	-	-	-	340	
Contingency	45	-	-	-	-	-	-	-	-	45	
Total Expenditures	445	-	-	-	-	-	-	-	-	445	

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
REET 1	445	-	-	-	-	-	-	-	-	445	
Total Funding	445	-	-	-	-	-	-	-	-	445	

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Activity Center Irrigation/Landscape



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Activity Center Irrigation/Landscape	310	Summary Project Description:
CIP Category: Building Facility Project		Irrigate and landscape the front lawn area between the building and South 216th Street.
Managing Department: Plan, Build & PW Admin		

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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	9	-							9		
Land & Right of Way	-	-									
Construction	53	-							53		
Contingency	3	-							3		
Total Expenditures	65	-	-	-	-	-	-	-	-	-	65

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Facility Repair & Replace Fund	65								65		
Total Funding	65	-	-	-	-	-	-	-	-	-	65

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2017	2018	2019	2020	2021	2022
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

City Hall Parking Lot



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

City Hall Parking Lot 310

CIP Category: Building Facility Project

Managing Department: Plan, Build & PW Admin

Summary Project Description:

Rebuild Northwest, Southwest, Southern and Eastern City Hall parking lots. Provide ADA access to the 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 that would be insufficient to solve the existing degradation. As a result, a total rebuild of these parking lots needs to take place. The Western parking lots, as well as ADA ramp retrofits, will be included.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	30	-	-	-	-	-	-	-	-	30	
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	
Construction	206	-	-	-	-	-	-	-	-	206	
Contingency	24	-	-	-	-	-	-	-	-	24	
Total Expenditures	260	-	-	-	-	-	-	-	-	260	

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
REET 1	260	-	-	-	-	-	-	-	-	260	
Total Funding	260	-	-	-	-	-	-	-	-	260	

OPERATING IMPACT		ANNUAL OPERATING IMPACT						Net Impact	
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022	
Revenue	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-	-	-

Financial System Replacement



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Financial System Replacement	310,514
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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	80	-	20	60							
Land & Right of Way	-	-									
Construction	165	-	80	85							
Contingency	7	-	1	6							
Total Expenditures	252	-	101	151							
Funding Sources		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Computer Replacement Fund	192		71	121							
Marina Rates	30		15	15							
Surface Water Utility	30		15	15							
Total Funding	252	-	101	151							
OPERATING IMPACT		ANNUAL OPERATING IMPACT									
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022			
Revenue	-	-	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-	-	-	-	-

BP Picnic Shelter/Restrooms



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

B P Picnic Shelter/Restrooms	310.061	Summary Project Description:
CIP Category: Park Facility Projects		Rehabilitate the Picnic Shelter and Restroom including building a new stem wall, update mechanical, electrical and plumbing systems, fixtures, interior, exterior finishes and drainage to serve the high volume Beach Park and Des Moines Creek Trail Park users. The project is part of a multi-phased plan to rehabilitate the historic buildings. It is a high priority for the general public and for the full utilization of the Event Center to maximize rental revenues that are needed to sustain the park and its buildings.
Managing Department: Parks, Recr & Sr Services		

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. This project was rated as a priority one project in the 2010 - 2015 Parks, Recreation and Senior Services Master Plan.

PROJECT SCOPE		ANNUAL ALLOCATION							
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Design	73	7	66						
Land & Right of Way	-								
Construction	446		446						
Contingency	104		104						
Total Expenditures	623	7	616						

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
REET 1	41		171	(54)	(54)	(22)			
King County Park Levy	289	107	52	54	54	22			
State of Washington Grants	293		293						
Total Funding	623	107	516						

OPERATING IMPACT		ANNUAL OPERATING IMPACT				
Operating Impact	6 Year Total	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-
Expenses	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-

Parkside Playground



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Parkside Playground	310.062	Summary Project Description:
CIP Category: Park Facility Projects		Redesign and upgrades to this park -- new paths, play equipment, sport court upgrades.
Managing Department: Parks, Recr & Sr Services		
Justification/Benefits:		

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	103	7	96								
Land & Right of Way	-	-									
Construction	280	12	268								
Contingency	58	-	58								
Total Expenditures	441	19	422								

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
REET 2	10	8	2						
Local Grants (County, etc.)	36	11	25						
Federal Grants	395		395						
Total Funding	441	19	422						

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Parkside Soil Remediation



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Parkside Soil Remediation	310.065	Summary Project Description:
CIP Category: Park Facility Projects		Removal of contaminated soils and replacement with new clean soils as part of the Parkside Playground project.
Managing Department: Parks, Recr & Sr Services		

Justification/Benefits:

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-										
Land & Right of Way	-										
Construction	115		115								
Contingency	6		6								
Total Expenditures	121	-	121	-	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
REET 2	1		1						
State of Washington Grants	120		120						
Total Funding	121	-	121	-	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2017	2018	2019	2020	2021	2022
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Field House Tennis Court



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Field House Tennis Court 310

Summary Project Description:

Repaint the tennis court at the Field House.

CIP Category: Park Facility Projects

Managing Department: Parks, Recr & Sr Services

Justification/Benefits: The court was last painted approximately 15 years ago.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022			
Design	-	-	-	-	-	-	-	-	-			
Land & Right of Way	25	-	25	-	-	-	-	-	-			
Construction	-	-	-	-	-	-	-	-	-			
Contingency	-	-	-	-	-	-	-	-	-			
Total Expenditures	25	-	25	-	-	-	-	-	-			
Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022			
REET 1	25	-	25	-	-	-	-	-	-			
Total Funding	25	-	25	-	-	-	-	-	-			
OPERATING IMPACT			ANNUAL OPERATING IMPACT									
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022				
Revenue	-	-	-	-	-	-	-	-				
Expenses	-	-	-	-	-	-	-	-				
Net Impact			-	-	-	-	-	-				

Field House Skate Park



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Field House Skate Park	310	Summary Project Description:
CIP Category: Park Facility Projects		The 20 year old skate park is used by hundreds of youth weekly, riding skate boards, scooters and bicycles. Many of the concrete and marble edges are showing wear or are broken. A thorough assessment of the park is needed to determine the extent of the repairs and updates needed.
Managing Department: Parks, Recr & Sr Services		

Justification/Benefits: The concrete skate park was built in 1996 with volunteer and parks crew labor and is now 20 years old. The skate park is outdated and there are missing edges that must be repaired and/or replaced. This is a number one priority of the 2010 - 2016 Parks, Recreation and Senior Services Master Plan. It is the only skate park in Des Moines serving its 30,000 population.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-	-	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	155	-	-	155	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-	-	-
Total Expenditures	155	-	-	155	-	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
REET 2	155	-	-	155	-	-	-	-	-	-	-
Total Funding	155	-	-	155	-	-	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT									
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022			
Revenue	-	-	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-	-	-	-	-

DMBP Sun Home Lodge Rehab



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

DMBP Sun Home Lodge Rehab	310.056	Summary Project Description:
CIP Category: Park Facility Projects		Rehabilitation of the Sun Home Lodge for its continued use as a recreation facility. Will include lifting the building, connecting new utilities (electrical, gas, phone, cable, water and sewer), constructing a new foundation, decking, exterior stairway and minor interior improvements. Additional interior building remodel work would be completed in future phases. This project relies on funding support from King County and Washington State. \$459K previously expended Picnic Shelter/Restroom funds will provide additional match for the project.
Managing Department: Parks, Recr & Sr Services		

Justification/Benefits: King County has just announced that it will provide up to \$20M bonds for the rehabilitation of historic properties. These funds and past Beach Park expenditures could provide match for a Washington Heritage Capital Grant to lift and construct a new foundation for the Sun Home Lodge. The Sun Home Lodge is in desperate need of life and safety repairs for its continued use as a recreation facility. Funds available will not provide for major interior remodel work. The Des Moines Beach Park is listed on the State and National Historic Register.

PROJECT SCOPE		ANNUAL ALLOCATION							
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Design	65			45		20			
Land & Right of Way	485					485			
Construction	-								
Contingency	67					67			
Total Expenditures	617	-	-	-	45	572	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Local Grants (County, etc.)	45				45				
State of Washington Grants (Unconfirmed)	572					572			
Total Funding	617	-	-	-	45	572	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Wootton Park



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Wooton Park	310	Summary Project Description:
CIP Category: Park Facility Projects		Replace play equipment and picnic shelter. The park's play equipment is over 25 years old, outdated and replacement parts are not available. The park was assessed in 2008 as part of the 2010 Master Plan update. Findings identified that the play equipment needed replacement, the wooden gazebo was not sturdy and needs to be removed or replaced, the site furnishings need to be upgraded and the pathways need refurbishing.
Managing Department: Parks, Recr & Sr Services		

Justification/Benefits: Wooton Park was transferred to the City from King County due to annexation in 1997. Wooton Park is the park facility serving the Redondo neighborhood of 1,600 and thousands of visitors annually. This project was a number one project in the 2010 - 2015 Parks, Recreation and Senior Services Master Plan.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	15	-							15		
Land & Right of Way	-	-									
Construction	199	-							199		
Contingency	20	-							20		
Total Expenditures	234	-							234		

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
REET 2	234								234		
Total Funding	234	-							234		

OPERATING IMPACT		ANNUAL OPERATING IMPACT									
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022			
Revenue	-	-	-	-	-	-	-	-	-		
Expenses	-	-	-	-	-	-	-	-	-		
Net Impact	-	-	-	-	-	-	-	-	-		

Kiddy Park Play Equipment



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Kiddy Park Play Equipment	310
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CIP Category: Park Facility Projects

Managing Department: Parks, Recr & Sr Services

Summary Project Description:

Relocate out of the gully and replace play equipment including ADA access to meet safety and ADA standards.

Justification Benefits: Kiddy Park was built in 1987. The play equipment is 29 years old and the location is not ADA accessible. It does not meet current ASTM and ADA requirements. This is a number two priority in the 2010 - 2016 Parks, Recreation and Senior Services Master Plan.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-	-	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	210	-	-	-	-	-	-	-	210	-	-
Contingency	-	-	-	-	-	-	-	-	-	-	-
Total Expenditures	210	-	-	-	-	-	-	-	210	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
REET 2	210	-	-	-	-	-	-	-	210	-	-
Total Funding	210	-	-	-	-	-	-	-	210	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Westwood Play Equipment



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

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

Justification/Benefits: The wooden play structure needs to be replaced due to age and deterioration. Westwood Park was constructed by a developer in the early 2000's. The wooden play equipment is over 15 years old and becoming a safety hazard. The installation of new equipment will require meeting new ADA access requirements. Westwood Park is one of two small parks that serve the North Hill population of 5,100 residents.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-	-									
Land & Right of Way	-	-									
Construction	65	-								65	
Contingency	3	-								3	
Total Expenditures		68	-	-	-	-	-	-	-	68	

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	
REET 2	68	-								68
Total Funding		68	-	-	-	-	-	-	-	68

OPERATING IMPACT		ANNUAL OPERATING IMPACT								
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022		
Revenue	-	-	-	-	-	-	-	-	-	
Expenses	-	-	-	-	-	-	-	-	-	
Net Impact		-	-	-	-	-	-	-	-	

SJU Irrig and Landscape



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

SJU Irrig and Landscape	310	Summary Project Description:
CIP Category: Park Facility Projects		Replace irrigation and add landscaping at one of the city's premier Community Parks.
Managing Department: Parks, Recr & Sr Services		

Justification/Benefits: Steven J Underwood Park is a top priority Community Park which has heavy family use.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	40	-									40
Land & Right of Way	-	-									
Construction	145	-									145
Contingency	20	-									20
Total Expenditures	205	-	-	-	-	-	-	-	-	-	205

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
REET 1	-										
REET 2	145										145
State of Washington Grants (Unconfirmed)	60										60
Total Funding	205	-	-	-	-	-	-	-	-	-	205

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2017	2018	2019	2020	2021	2022
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Redondo Floats



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Redondo Floats 310

Summary Project Description:

Replace the last of the old floats. Demolish the old concrete brow and replace with a new one that would accommodate the new floats and increase the width of the ramp by 3 feet. Replace all the pile hoops with a better design and clean up rock revetment on both sides of the ramp.

CIP Category: Waterfront Facility Project
 Managing Department: Marina

Justification/Benefits: The Marina staff has been building new boarding floats for the Redondo Boat Launching Ramp for several years, replacing one or two a year. The new floats replace the original floats that were built in 1980. There is one more old float to replace, but it will also be necessary to remove and replace the concrete brow that anchors the floats to the shore because the new floats are narrower than the original floats. The new floats were designed to be narrower than the original floats in order to increase the width of the ramp to a true two lane launching ramp.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-	-	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	100	-	-	-	-	100	-	-	-	-	-
Contingency	10	-	-	-	-	10	-	-	-	-	-
Total Expenditures	110	-	-	-	-	110	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
REET 2	40	-	-	-	-	40	-	-	-	-	-
State of Washington Grants (Unconfirmed)	70	-	-	-	-	70	-	-	-	-	-
Total Funding	110	-	-	-	-	110	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Redondo Fishing Pier Replace Decking



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Redondo Fishing Pier Replace Decking	310	Summary Project Description:
CIP Category: Waterfront Facility Project		Replace the wood decking with a concrete deck. Repair pile caps and additional piling where needed in conjunction with installation of the concrete deck.
Managing Department: Marina		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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Design	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-
Construction	200	-	-	-	-	200	-	-	-
Contingency	25	-	-	-	-	25	-	-	-
Total Expenditures	225	-	-	-	-	225	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
REET 2	67	-	-	-	-	67	-	-	-
State of Washington Grants (Unconfirmed)	158	-	-	-	-	158	-	-	-
Total Funding	225	-	-	-	-	225	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

North Lot & Beach Park Bulkheads



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

North Bulkhead	310	<i>Summary Project Description:</i> 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. Remove unsuitable revetment material from the beach and include wider sidewalks and pedestrian amenities.
CIP Category: Waterfront Facility Project Managing Department: Marina		

Justification Benefits: Bulkheads are aged and damaged by storm activities which require periodic spot rebuilding. Replacing the bulkheads will provide long-term protection with lower maintenance costs. It would also improve public access to the beach from both the north parking lot and the Beach Park.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	100	-							100		
Land & Right of Way	-	-									
Construction	2,000	-									2,000
Contingency	-	-									
Total Expenditures	2,100	-	-	-	-	-	-	-	100	2,000	

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
REET 1	1,100					150	300	300	350		
REET 2	-										
Local Grants (County, etc.)	-										
State of Washington Grants (Unconfirmed)	1,000								1,000		
Total Funding	2,100	-	-	-	-	150	300	300	1,350		

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

N Pier Restrooms



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

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

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

PROJECT SCOPE		ANNUAL ALLOCATION									
		Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
Expenditures	Total Budget	12/31/15	2016	2017	2018	2019	2020	2021	2022		
Design	-	-									
Land & Right of Way	-	-									
Construction	247	-								247	
Contingency	3	-								3	
Total Expenditures	250	-	-	-	-	-	-	-	-	250	

Funding Sources	Total Budget	Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
REET 2	250	12/31/15	2016	2017	2018	2019	2020	2021	2022		
Total Funding	250	-	-	-	-	-	-	-	-	250	

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
		2016	2017	2018	2019	2020	2021
Operating Impact	6 Year Total	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Redondo Restroom & Plaza



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Redondo Restroom & Plaza	310	Summary Project Description:
CIP Category: Waterfront Facility Project		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.
Managing Department: Marina		\$250,000 for pre-fab restroom and \$150,000 for ground restoration.

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

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-	-									
Land & Right of Way	-	-									
Construction	400	-								400	
Contingency	-	-									
Total Expenditures	400	-								400	

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	
REET 2	200									200
State of Washington Grants (Unconfirmed)	200									200
Total Funding	400	-								400

OPERATING IMPACT			ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	Project to Date 12/31/15	2017	2018	2019	2020	2021	2022
Revenue	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-	-

Arterial Street Pavement Preservation



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Arterial Street Pavement Preservation	102.102	Summary Project Description:
CIP Category: Transportation - Operating Project		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. See 2016 50,000 use for project 319.614 S 268th St Sidewalks.
Managing Department Plan, Build & PW Admin		POLICY QUESTION: Cost/benefit of paving every two years vs. public perception paving every year???

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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	80	-	20		20		20		20		20
Land & Right of Way	-	-									
Construction	2,390	-		690		850			850		
Contingency	30	-		10		10			10		
Total Expenditures	2,500	-	20	700	20	860	20	860	20	860	20

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Transportation Benefit District	2,500		280	440	440	440	440	440	440	440	20
REET 2	-										
Total Funding	2,500	-	280	440	440	440	440	440	440	440	20

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2022
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Arterial Traffic Calming Project



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Arterial Traffic Calming	319,609	Summary Project Description:
CIP Category: Transportation - Capital Project Managing Department: Plan, Build & PW Admin		Install arterial traffic calming devices such as permanent radar speed signs, road rechannelization, speed cushions, and other appropriate devices for use on arterial streets. These devices are intended for higher volume roads and emergency response routes which have different characteristics than local roads. Locations are yet to be determined and based on operational characteristics.

Justification/Benefits: Arterial traffic calming devices have been shown to potentially reduce operational speeds and bring awareness to the motoring public. Lower operating speeds can improve the traffic safety for vehicle users as well as pedestrians using adjacent facilities.

PROJECT SCOPE		ANNUAL ALLOCATION							
		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Expenditures	Total Budget								
Design	-								
Land & Right of Way	-								
Construction	75		15	15			15	15	15
Contingency	-								
Total Expenditures	75		15	15	-	-	15	15	15

Funding Sources	Total Budget								
ASE (Automatic Speed Enforcement) GF X-fer	75		15	15			15	15	15
Total Funding	75		15	15	-	-	15	15	15

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
		2016	2017	2018	2019	2020	2021
Operating Impact	6 Year Total						
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Sidewalk Program



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Sidewalk Program	101.205	CIP Category: Transportation - Operating Project Managing Department: Plan, Build & PW Admin
		<i>Summary Project Description:</i> Replace sidewalks throughout the City. This program targets locations that are in significant need of repair or which do not meet current standards. Typical locations for repair include curb, gutter, sidewalk, asphalt paths and driveway approaches. The program prioritizes projects near schools, in commercial areas, and locations with high amounts of pedestrian traffic. Special consideration is given to locations with past pedestrian accident history and where citizen complaints are received.

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

PROJECT SCOPE		ANNUAL ALLOCATION									
		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	Total Budget	-	2	2	2	2	2	2	2	2	2
Land & Right of Way		-									
Construction		-	18	18	18	18	18	18	18	18	18
Contingency		-									
Total Expenditures		-	20	20	20	20	20	20	20	20	20

Funding Sources		ANNUAL ALLOCATION									
Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022				
	20	20	20	20	20	20	20	20	20	20	20
ASE (Automatic Speed Enforcement) GF X-fer	140										
Total Funding	140	20	20	20	20	20	20	20	20	20	20

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact		2017	2018	2019	2020	2021	2022
Revenue	6 Year Total	-	-	-	-	-	-
Expenses		-	-	-	-	-	-
Net Impact		-	-	-	-	-	-

Guardrail Program



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Guardrail Program	101.305	Summary Project Description:
		Install new or replace outdated guardrail City wide.

CIP Category: Transportation - Operating Project

Managing Department: Plan, Build & PW Admin

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

PROJECT SCOPE		ANNUAL ALLOCATION									
		Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
Expenditures	Total Budget	12/31/15	2016	2017	2018	2019	2020	2021	2022		
Design	-	-									
Land & Right of Way	-	-									
Construction	100	-	25		25		25				25
Contingency	-	-									
Total Expenditures	100	-	25	-	25	-	25	-	25	-	25

Funding Sources	Total Budget	Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
REET 2	100	12/31/15	2016	2017	2018	2019	2020	2021	2022		
			25		25		25				25
Total Funding	100	-	25	-	25	-	25	-	25	-	25

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
		2017	2018	2019	2020	2021	2022
Operating Impact	6 Year Total						
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

SW Bridge Seismic Retrofit



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

SW Bridge Seismic Retrofit 319,326

Summary Project Description:

Repairs and seismic retrofitting of the bridge. Patch and repair spalling areas.

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits:

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures		Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design		696	696									
Land & Right of Way												
Construction		3,684	3,639	45								
Contingency		32	32									
Total Expenditures		4,412	4,367	45								
Funding Sources		Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Transport CIP Fund		528	528									
Federal Grants		3,884	3,839	45								
Total Funding		4,412	4,367	45								
OPERATING IMPACT			ANNUAL OPERATING IMPACT									
Operating Impact		6 Year Total	2016	2017	2018	2019	2020	2021	2022			
Revenue		-	-	-	-	-	-	-	-	-	-	
Expenses		-	-	-	-	-	-	-	-	-	-	
Net Impact		-	-	-	-	-	-	-	-	-	-	

Midway SRTS 24th Ave Sidewalk



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Midway SRTS 24th Ave Sidewalk	319,606	<i>Summary Project Description:</i>
CIP Category: Transportation - Capital Project		
Managing Department: Plan, Build & PW Admin		
Install a sidewalk on the east side of 24th Ave S from South 224th Street to South 227th Street. This project will be done in conjunction with SWM's 24th Ave Pipeline replacement.		

Justification/Benefits: Provides safer pedestrian mobility especially for school aged children. The east side of 24th Avenue South directly across from Midway Elementary and Pacific Middle School was identified as a top ranking priority project in the HEAL funded Safe Routes to School study/inventory.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	66	28	38								
Land & Right of Way	34	-		34							
Construction	208	-		208							
Contingency	87	-		87							
Total Expenditures	395	28	38	329							

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
ASE (Automatic Speed Enforcement) GF X-fer	268	207		61							
Traffic Impact Fees - City Wide	127			127							
Total Funding	395	207	-	188							

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

24th Ave South Improvement



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

24th Ave South Improvement	319,300.040	Summary Project Description:
CIP Category: Transportation - Capital Project		Project contingency held for potential coordination with the City of SeaTac's 24th/28th Roadway Connection Project.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: Project infrastructure work completed in 2015.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	1,188	1,188									
Land & Right of Way	1,019	1,019									
Construction	5,069	5,069									
Contingency	1,224	1,194	30								
Total Expenditures	8,500	8,470	30								

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Traffic in-Lieu	4,166	4,166									
Federal Grants	3,000	3,000									
Private Contributions	823	823									
Debt Proceeds	330	330									
Total Funding	8,500	8,500									

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

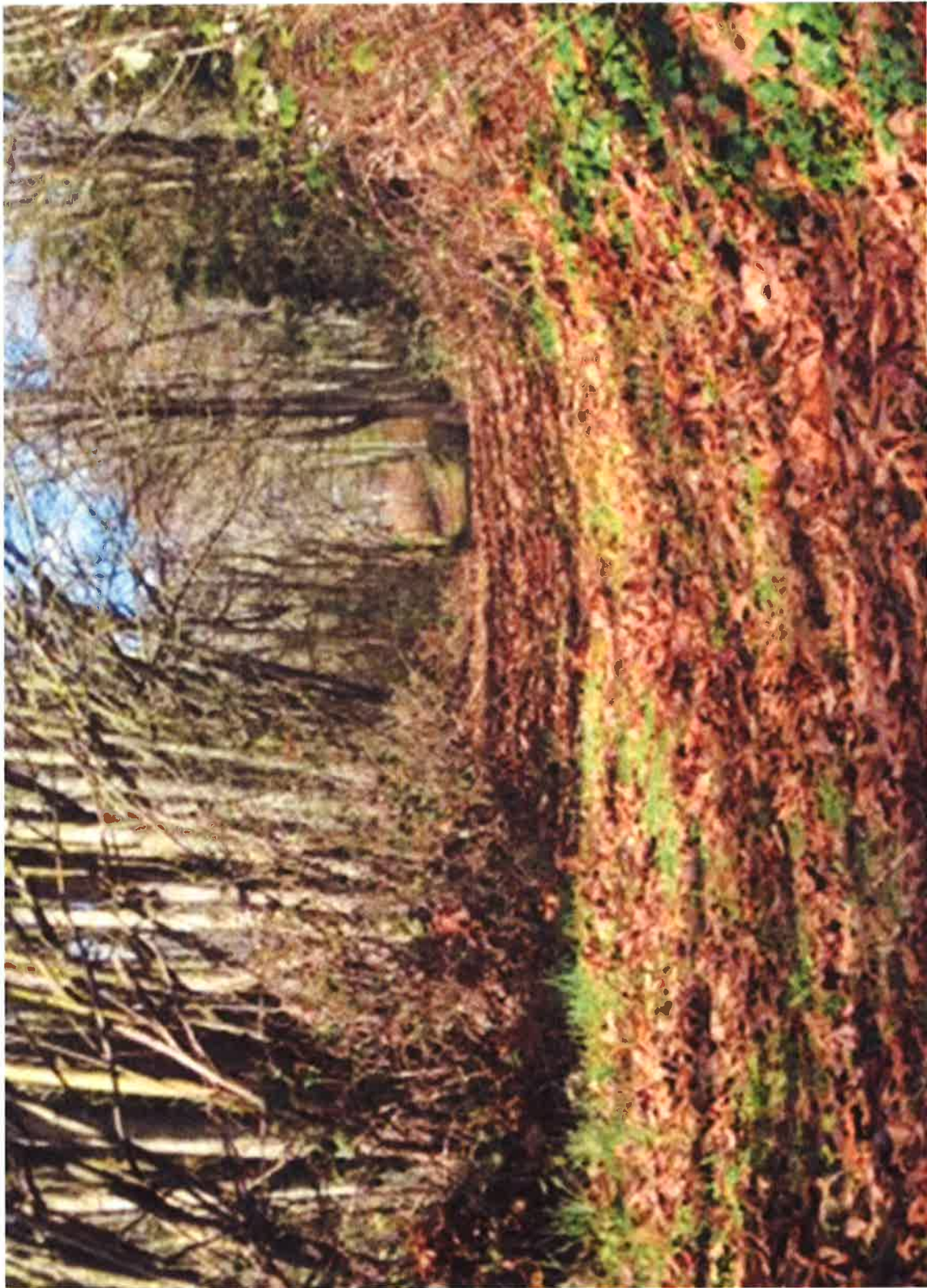
Gateway - S 216th Segment 1A



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Gateway - S 216th Segment 1A		319,332	Summary: Project Description:									
CIP Category: Transportation - Capital Project			South 216th St from R 99 to 24th Ave South. Widen roadway to 5 lanes with two additional travel lanes in each direction, a continuous left turn lane, a U-turn pocket (EN to WB) at SR 99, bicycle lanes, planter strips and sidewalks.									
Managing Department: Plan, Build & PW Admin												
Justification/Benefits: Provides adequate access to support area development especially as it relates to the Des Moines Business Park and future development along the north side of South 216th Street and east side of 24th Ave South.												
PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	902		902									
Land & Right of Way	944		828	116								
Construction	4,391		80	4,311								
Contingency	648		7	641								
Total Expenditures	6,885		1,817	5,068								
Funding Sources	Total Budget		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Traffic in-Lieu	850		259	591								
Transport CIP Fund	894		688	206								
Traffic Impact Fees - City Wide	366		50	316								
Local Grants (Metro)	30		7	23								
State of Washington Grants (Confirmed)/TIB, FMSIB	3,692			3,692								
Federal Grants (STP)	613		488	125								
Private Contributions (Utilities)	115			115								
Debt Proceeds	325		325									
Total Funding	6,885		1,817	5,068								
OPERATING IMPACT			ANNUAL OPERATING IMPACT									
Operating Impact	6 Year Total		2017	2018	2019	2020	2021	2022				
Revenue	-		-	-	-	-	-	-	-	-	-	-
Expenses	-		-	-	-	-	-	-	-	-	-	-
Net Impact	-		-	-	-	-	-	-	-	-	-	-

Barnes Creek Trail



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Barnes Creek Trail	319,345	Summary Project Description:
A 2 mile multi-use trail connecting to the Des Moines Creek Trail in the north and Highline College at the south end.		

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits: The need for extension of roadways, the Barnes Creek Trail, storm water improvements and other public facilities along the Historic SR509 right of way between Kent Des Moines Road and S. 216th Street is identified in the City of Des Moines Comprehensive Transportation Plan, 2009 and the City of Des Moines Highest and Best Use Analysis of the Historic SR 509 Corridor, 2009. The analysis divided the corridor into three segments assessing the City's future needs.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022			
Design	1,038	464	524	50								
Land & Right of Way	-	-										
Construction	3,455	-			2,073	1,382						
Contingency	376	76			180	120						
Total Expenditures	4,869	540	524	50	2,253	1,502	-	-	-			
Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022			
REET 1	644	39	248	50	204	103						
King County Park Levy	288	288										
Transport CIP Fund	69	69										
Traffic Impact Fees - City Wide	200				100	100						
Local Grants (County, etc.)	44	44										
State of Washington Grants (Unconfirmed)	-											
Federal Grants (2015-16 Secured)	3,624	274	102		1,949	1,299						
Total Funding	4,869	714	350	50	2,253	1,502	-	-	-			
OPERATING IMPACT			ANNUAL OPERATING IMPACT									
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022				
Revenue	-	-	-	-	-	-	-	-				
Expenses	-	-	-	-	-	-	-	-				
Net Impact		-	-	-	-	-	-	-				

Redondo Board Walk Replacement



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

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

Justification/Benefits: In late November of 2014, the Boardwalk was severely damaged by a storm and has been closed until permanent repairs can be made. The Boardwalk is one of the highest pedestrian use locations in the City with peak hour counts as high as 600 pedestrians per hour. The Boardwalk is a regional attraction for tourists and waterfront activity.

PROJECT SCOPE		ANNUAL ALLOCATION									
		Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
Design	453	12/31/15	2016	2017	2018	2019	2020	2021	2022		
Land & Right of Way	-										
Construction	3,810		3,810								
Contingency	432		5	427							
Total Expenditures	4,695	458	4,237								

Funding Sources		Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
		12/31/15	2016	2017	2018	2019	2020	2021	2022		
REET 1	500	30	470								
State of Washington	1,808	143	1,665								
Federal Grants	2,387	285	2,102								
Total Funding	4,695	458	4,237								

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
		2016	2017	2018	2019	2020	2022
Operating Impact	6 Year Total	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

South 268th Street Sidewalk



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

South 268th Street Sidewalk		319.614	Summary Project Description:										
CIP Category: Transportation - Capital Project			Install sidewalks on the north side of South 268th Street between 16th Ave South and Pacific Highway South, with a portion of sidewalk on the south side from 18th Ave South to Pacific Highway South. This project does not underground the utilities.										
Managing Department: Plan, Build & PW Admin													
Justification/Benefits: S. 268th Street is a Neighborhood Collector Arterial connecting Pacific Highway South and 16th Avenue South. Currently there are open ditch sections on the north and south sides of 268th and no existing sidewalks west of 19th Ave South. South 268th Street is also used by elementary students to walk to Woodmont Elementary on 16th Ave South.													
PROJECT SCOPE			ANNUAL ALLOCATION										
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022				
Design	97	-	97										
Land & Right of Way	-	-											
Construction	723	-	723										
Contingency	60	-	60										
Total Expenditures	880	-	880										
Funding Sources			Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022			
ASE (Automatic Speed Enforcement) GF X-fer	38		38										
Transportation Benefit District	50		50										
REET 2	94		94										
Transport CIP Fund	182		182										
Federal Grants	431		431										
Private Contributions	85		85										
Total Funding	880	-	880										
OPERATING IMPACT			ANNUAL OPERATING IMPACT										
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022					
Revenue	-	-	-	-	-	-	-	-					
Expenses	-	-	-	-	-	-	-	-					
Net Impact	-	-	-	-	-	-	-	-					

S 224th St Improvements



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

S 224th St Improvements	319,336	Summary Project Description:
CIP Category: Transportation - Capital Project		Improvements identified for South 224th Street are for a "Type A" street including curbs, gutters, wide sidewalks, and bike lanes. This project includes design, environmental analysis, and preparation of plans, specifications, and estimates by a consultant. In-lieu fees have been obtained and will fund the design as well as the construction.
Managing Department: Plan, Build & PW Admin		

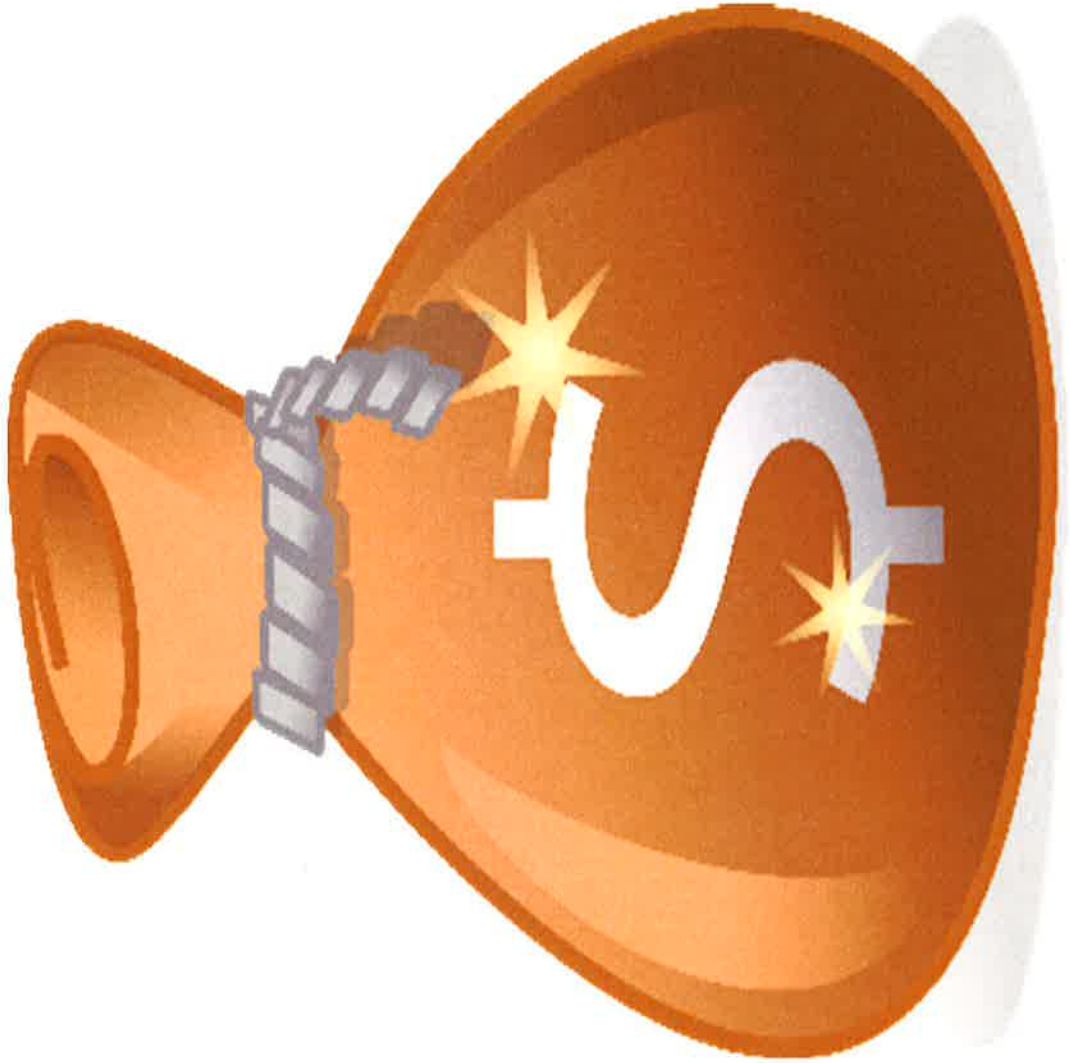
Justification/Benefits: This project has been identified as one of the Pacific Ridge Neighborhood Mitigation Project. Sidewalks are lacking completely on the north side of 224th Street and there is currently an incomplete section of sidewalk on the south side. This sidewalk will provide a safer pedestrian connection between 30th Ave South and Pacific Highway South.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	113	-	113								
Land & Right of Way	35	-		35							
Construction	366	-		366							
Contingency	101	-		101							
Total Expenditures	615	-	113	502	-	-	-	-	-	-	-

Funding Sources		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Transport CIP Fund (Prior x-fer TIF -Pac Ridge)	615	606	9						
Total Funding	615	606	9	-	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT									
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022			
Revenue	-	-	-	-	-	-	-	-	-	-	
Expenses	-	-	-	-	-	-	-	-	-	-	
Net Impact	-	-	-	-	-	-	-	-	-	-	

Adrianna Sidewalk Vacation Placeholder



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Adrianna Sidewalk Vacation Placeholder	319	Summary Project Description:
CIP Category:		This is a placeholder for the \$105,825 funding received in 2015.
Managing Department:		
Justification/Benefits:		

PROJECT SCOPE		ANNUAL ALLOCATION								
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	
Design	-									
Land & Right of Way	-									
Construction	-									
Contingency	106			106						
Total Expenditures	106			106						

Funding Sources		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Traffic in-Lieu	106								
Total Funding	106	106							

OPERATING IMPACT		ANNUAL OPERATING IMPACT						
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022
Revenue	-	-	-	-	-	-	-	-
Expenses	(36)	-	(6)	(6)	(6)	(6)	(6)	(6)
Net Impact	(36)	-	(6)	(6)	(6)	(6)	(6)	(6)

16th Ave - Seg 5A



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

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

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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Design	128	-	-	128	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-
Contingency	1	-	-	1	-	-	-	-	-
Total Expenditures	129	-	-	129	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Traffic in-Lieu	129	129	-	-	-	-	-	-	-
Transport CIP Fund	-	-	-	-	-	-	-	-	-
Total Funding	129	129	-	-	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Downtown Alley Improvement



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Downtown Alley Improvement		319	Summary Project Description:
CIP Category: Transportation - Capital Project			Project will underground general utilities, overlay alley between 223rd and 225th, provide for urban design features and elements to create a vibrant, pedestrian friendly corridor.
Managing Department: Plan, Build & PW Admin			

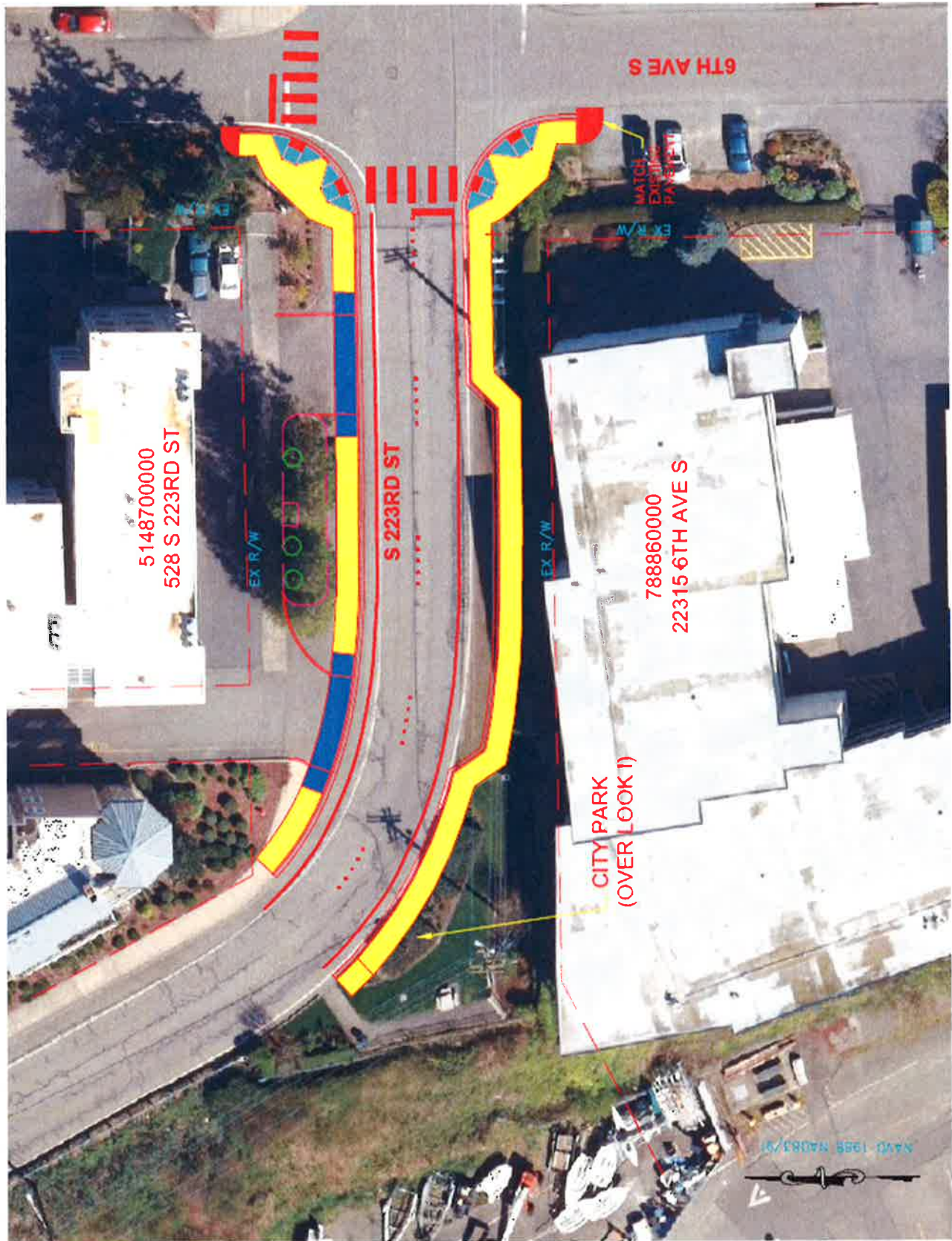
Justification/Benefits: An active pedestrian alley provides economic benefit to the city by generating additional sales for local businesses which increases sales tax and B&O tax revenues to the city.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	70			70							
Land & Right of Way	-										
Construction	330				330						
Contingency	30				30						
Total Expenditures	430	-	-	70	360	-	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Transportation Benefit District	-										
Traffic in-Lieu	330			70	260						
Private Contributions (Utilities)	100				100						
Total Funding	430	-	-	70	360	-	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT				
Operating Impact	6 Year Total	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-
Expenses	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-

S 223rd Walkway Improvements



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

S 223rd Walkway Improvements

319

Summary Project Description:

Installation of missing sidewalk on the north and south sides of S 223rd St and west of 6th Ave. The project will install curbs, ramps and landings at the intersection of 6th Ave and 223rd Ave.

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits: The city has identified missing sidewalk needs in the Downtown area. This location is a key connection from the Downtown area to the Marina/Beach Park.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	25			15	10						
Land & Right of Way	-										
Construction	152				152						
Contingency	14				14						
Total Expenditures	191			15	176						

Funding Sources		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
ASE (Automatic Speed Enforcement) GF X-fer	30				30				
State of Washington Grants (Unconfirmed)	161			15	146				
Total Funding	191			15	176				

OPERATING IMPACT		ANNUAL OPERATING IMPACT				
Operating Impact	6 Year Total	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-
Expenses	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-

S 200th St Safe Routes to School



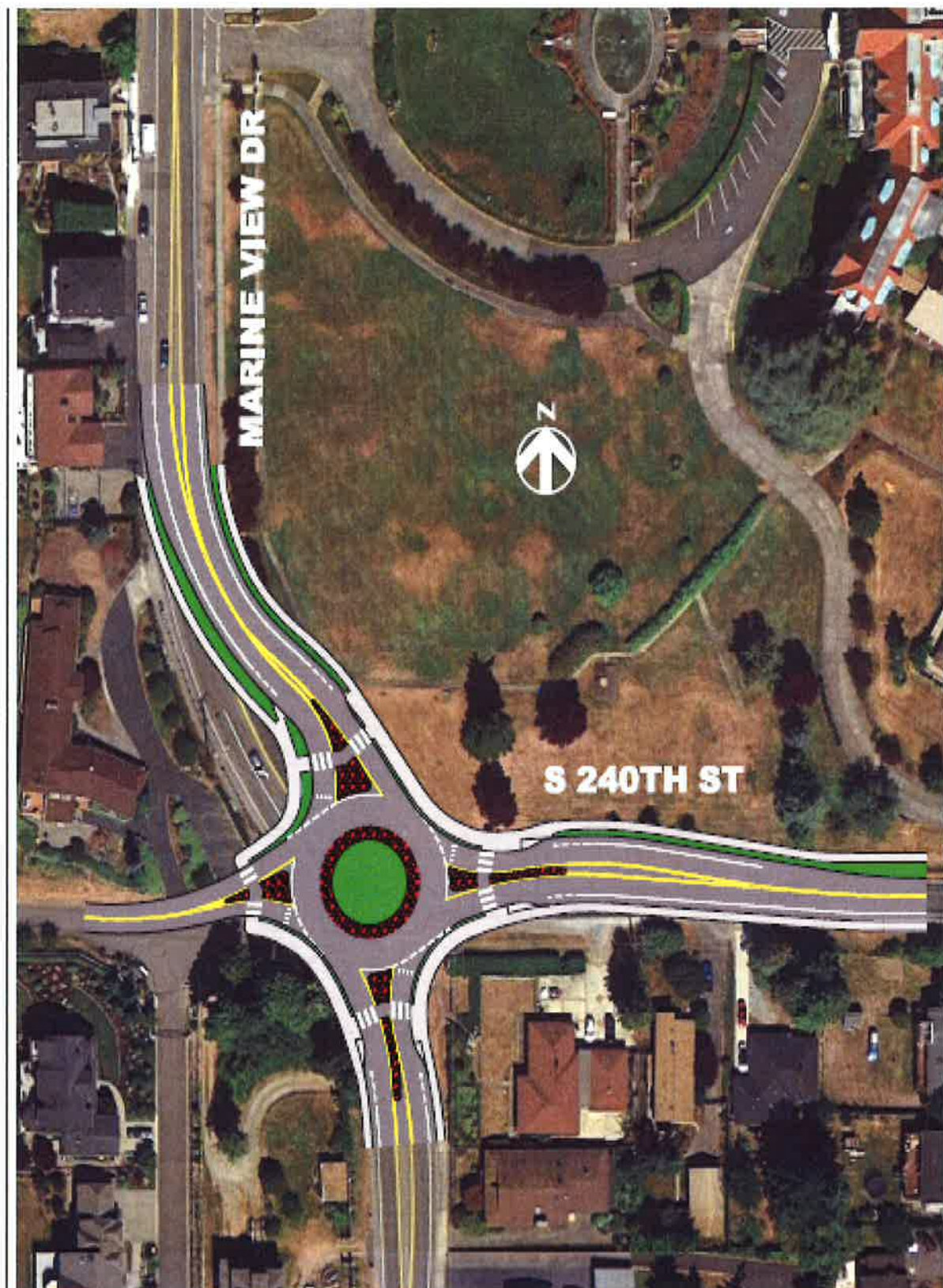
CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

S 200th St Safe Routes to School	319	Summary Project Description:
CIP Category: Transportation - Capital Project		Install sidewalk on the north side of the S 200th St between 8th Ave South and Des Moines Memorial Dr.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: Currently no sidewalk exists along the S 200th Street arterial. This route is identified as a high priority in the city's school walk route evaluation.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	75			75							
Land & Right of Way	-										
Construction	550				550						
Contingency	95				95						
Total Expenditures	720			75	645						
Funding Sources		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
ASE (Automatic Speed Enforcement) GF X-fer	75			25	50						
State of Washington Grants (Unconfirmed)	645			50	595						
Total Funding	720			75	645						
OPERATING IMPACT		ANNUAL OPERATING IMPACT									
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022			
Revenue	-	-	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-	-	-
Net Impact		-	-	-	-	-	-	-	-	-	-

Marine View Dr Roundabout



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Marine View Dr Roundabout 319,608

Summary Project Description:

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

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits: The project will install a modern roundabout 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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	160			160							
Land & Right of Way	200				200						
Construction	1,500				500	1,000					
Contingency	212				112	100					
Total Expenditures	2,072			160	812	1,100					

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Traffic in-Lieu	783				343	440					
Traffic Impact Fees - City Wide	160			160							
State of Washington Grants (Unconfirmed)	1,129				469	660					
Total Funding	2,072			160	812	1,100					

OPERATING IMPACT						ANNUAL OPERATING IMPACT					
Operating Impact						2016	2017	2018	2019	2020	2022
Revenue						-	-	-	-	-	-
Expenses						-	-	-	-	-	-
Net Impact						-	-	-	-	-	-

South 216th - Segment 3



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

South 216th - Segment 3 319,334

Summary Project Description:

Widen roadway to provide center turn lane, bike lanes, curb, gutter and sidewalks between 11th Ave South and 19th Avenue South. If grant is unavailable then debt financing would be required or project schedule would need to be adjusted.

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits: The need for pedestrian facilities along South 216th Street is identified in the City's Comprehensive Transportation Plan and the Six Year Transportation Improvement Plan. South 216th Street has numerous multi-family developments that generate pedestrian traffic along the shoulder of the road. Pedestrians use this route to access bus stops, city buildings, and the Pacific Highway and Marine View Drive corridors.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	530	-	-	159	371	-	-	-	-	-	-
Land & Right of Way	130	-	-	-	130	-	-	-	-	-	-
Construction	4,540	-	-	-	-	-	4,540	-	-	-	-
Contingency	450	-	-	-	-	-	450	-	-	-	-
Total Expenditures	5,650	-	-	159	501	4,990	4,990	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Traffic in-Lieu (Port)	1,300	-	-	-	-	1,300	-	-	-	-	-
Traffic Impact Fees - City Wide	420	-	-	24	75	321	-	-	-	-	-
State of Washington Grants (Unconfirmed)	3,009	-	-	135	426	2,448	-	-	-	-	-
Federal Grants	921	-	-	-	-	921	-	-	-	-	-
Total Funding	5,650	-	-	159	501	4,990	4,990	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

SeaTac Signal Improvements



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

SeaTac Signal Improvements	319,613	Summary Project Description:
CIP Category: Transportation - Capital Project		Des Moines Memorial Dr and South 200th Street. 1/4th cost of total improvements to install left turn lanes at all four approaches with curb, gutter and sidewalk. City of SeaTac is lead agency; project represents Des Moines share payable to SeaTac.
Managing Department: Plan, Build & PW Admin		

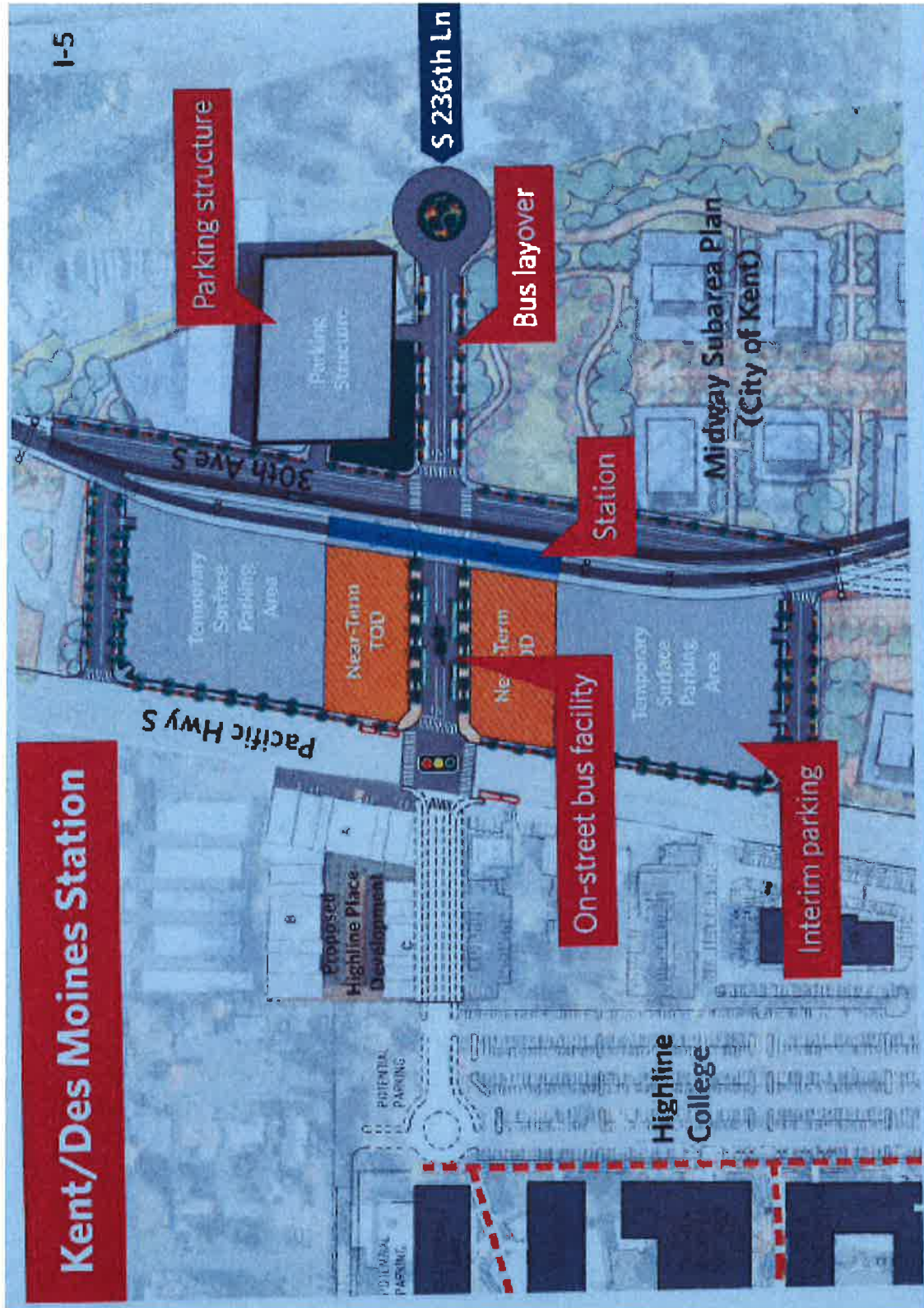
Justification/Benefits: Des Moines Memorial Dr and South 200th Street lack left turn pockets on all four legs as well as sidewalks and bike lanes.

PROJECT SCOPE			ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022			
Design	50	-	-	-	-	50	-	-	-			
Land & Right of Way	-	-	-	-	-	-	-	-	-			
Construction	300	-	-	-	-	100	200	-	-			
Contingency	-	-	-	-	-	-	-	-	-			
Total Expenditures	350	-	-	-	-	150	200	-	-			

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022			
Traffic Impact Fees - City Wide	350	-	-	-	-	150	200	-	-			
Total Funding	350	-	-	-	-	150	200	-	-			

OPERATING IMPACT			ANNUAL OPERATING IMPACT									
Operating Impact	6 Year Total		2016	2017	2018	2019	2020	2021	2022			
Revenue	-	-	-	-	-	-	-	-	-			
Expenses	-	-	-	-	-	-	-	-	-			
Net Impact	-	-	-	-	-	-	-	-	-			

South 236th Lane



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

South 236th Lane	319
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CIP Category:

Managing Department:

Summary Project Description:	
A 330 foot section of improved roadway between SR-99 and Highline College. Will include a two way left turn lane and pedestrian facilities.	

Justification/Benefits: Capacity need for two-way traffic, pedestrian facilities and connection to future traffic signal at South 236th Lane and SR-99.

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	200					200					
Land & Right of Way	200						200				
Construction	1,600								1,600		
Contingency	191								191		
Total Expenditures	2,191					200	200	200	1,791		

Funding Sources		Project to Date 12/31/14	Scheduled Year 2015	Plan Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021		
Traffic in-Lieu	1,091			517			574				
Traffic Impact Fees - City Wide	1,100					1,100					
Total Funding	2,191			517		1,674					

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2015	2016	2017	2018	2019	2020
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Redondo Area Street Improvement



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Redondo Area Street Improvements	319,610	Summary Project Description:
CIP Category: Transportation - Capital Project		Project will install approximately nine street lights in the Redondo neighborhood area. The power will need to be extended underground to serve these new lights. The lights will be installed and maintained by Intolight (lighting division of PSE).
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: The need for street lighting was identified in the Redondo Parking Management Study as a safety enhancement. There were several existing streets that had little to no lighting.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	10	-					10				
Land & Right of Way	-	-									
Construction	60	-					60				
Contingency	-	-									
Total Expenditures	70	-					70				

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Redondo Zone Parking	70	-					70				
Total Funding	70	-					70				

OPERATING IMPACT		ANNUAL OPERATING IMPACT								
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022		
Revenue	-	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-	-	-	-

South 240th Street Improve - Seg 1



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

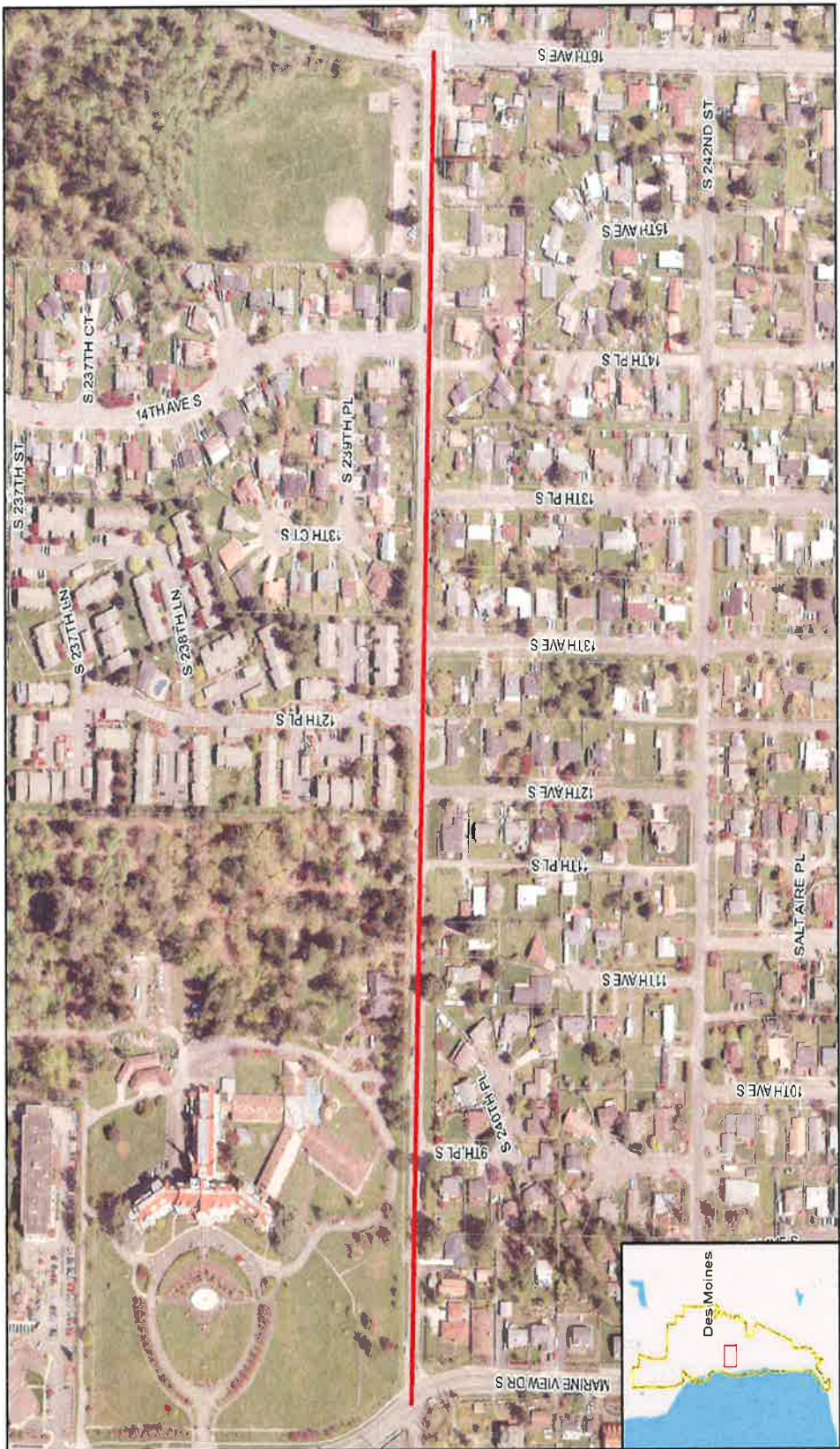
South 240th Street Improve - Seg 1	319,206
Summary Project Description: Widen roadway to three lanes between 16th Ave S and the East City limits and provide a continuous center turn lane, bike lanes, transit stops, curb, gutter and planters.	
CIP Category: Transportation - Capital Project Managing Department: Plan, Build & PW Admin	

Justification/Benefits: The need for pedestrian and bicycle facilities along South 240th Street is identified in the City's Comprehensive Transportation Plan and the Six Year Transportation Improvement Plan. South 240th Street has residential properties and Highline College that generate pedestrian and bicycle traffic along the shoulder of the road. Pedestrians use this route to access bus stops, Highline College, and the Pacific Highway Corridor. Roadway widening is needed to increase capacity as well as develop a complete street serving vehicles pedestrians, bicycles and transit.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
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	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

South 240th Street Improve - Seg 2



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

South 240th Street Improve - Seg 2	319,207	<i>Summary, Project Description:</i>
CIP Category: Transportation - Capital Project		Widen roadway to three lanes between Marine View Drive and 16th Ave South and provide a continuous center turn lane, bike lanes, transit stops, curb, gutter and planters.
Managing Department: Plan, Build & PW Admin		

Justification/Benefits: The need for pedestrian and bicycle facilities along South 240th Street is identified in the City's Comprehensive Transportation Plan and the Six Year Transportation Improvement Plan. South 240th Street has residential properties and Highline College that generate pedestrian and bicycle traffic along the shoulder of the road. Pedestrians use this route to access bus stops, Highline College, and the Pacific Highway Corridor. Roadway widening is needed to increase capacity as well as develop a complete street serving vehicles pedestrians, bicycles and transit.

PROJECT SCOPE		ANNUAL ALLOCATION							
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Traffic in-Lieu	2,900							235	2,665
State of Washington Grants (Unconfirmed)	1,750						200		1,550
Private Contributions	200						200		
Total Funding	4,850	-	-	-	-	-	635	4,215	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Kent-Des Moines Rd - Seg 2

Kent-Des Moines Rd - Seg 2



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Kent-Des Moines Rd - Seg 2 319,344

Summary Project Description:

Widen roadway to 5 lanes between 24th Avenue South and Pacific Highway South and provide a continuous center turn lane, bike lanes, transit stops, curb, gutter and planters.

CIP Category: Transportation - Capital Project

Managing Department Plan, Build & PW Admin

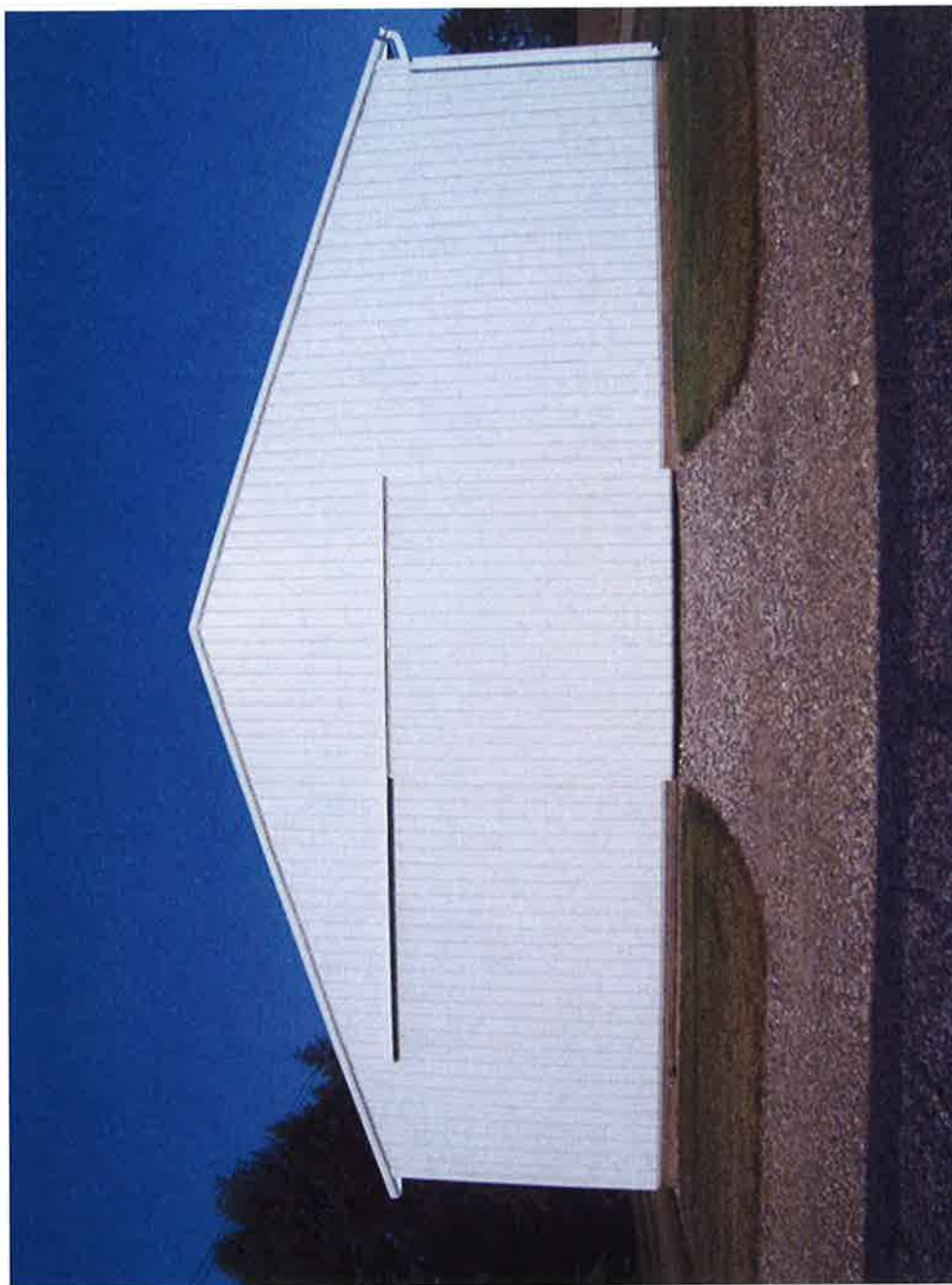
Justification/Benefits: The need for pedestrian and bicycle facilities along Kent-Des Moines Road is identified in the City's Comprehensive Transportation Plan and the Six Year Transportation Improvement Plan. Kent-Des Moines Rd has numerous multi-family developments, that generate pedestrian and bicycle traffic along the shoulder of the road. Pedestrians use this route to access bus stops, Highline College, and the Pacific Highway Corridor. Roadway widening is needed to increase capacity as well as develop a complete street serving vehicles pedestrians, bicycles and transit.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	485	-							485		
Land & Right of Way	500	-							500		
Construction	5,815	-							5,815		
Contingency	400	-							400		
Total Expenditures	7,200								985	6,215	

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Traffic in-Lieu	20								20		
Local Grants (County, etc.)	3,600								635		2,965
State of Washington Grants (Unconfirmed)	3,000										3,000
Private Contributions	250										250
Total Funding	7,200								985	6,215	

OPERATING IMPACT		ANNUAL OPERATING IMPACT						Net Impact	
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022	
Revenue	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-	-	-

Marina Boat Yard Building



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Marina Boat Building	403	Summary Project Description:
CIP Category: Marina Capital Improvements		Build 10,000 sq foot building to provide space for current boat yard tenant to expand and provide retail space for new boat sale show room.
Managing Department: Marina		

Justification/Benefits: A new building and expanded open space provides for expanded economic development on the Marina floor engaging businesses compatible with an operating Marina. New building and open space lease provides for on-going revenue source for the Marina and additional on-going tax base enhancements for the general fund.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-										
Land & Right of Way	-										
Construction	300		300								
Contingency	-										
Total Expenditures	300		300								

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Marina Rates	300		300						
Total Funding	300		300						

OPERATING IMPACT		ANNUAL OPERATING IMPACT				
Operating Impact	6 Year Total	2017	2018	2019	2020	2022
Revenue	-	-	-	-	-	-
Expenses	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-

Dock Electrical Replacements



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Dock Electrical Replacements	403	Summary Project Description:
CIP Category: Marina Capital Improvements		Install new shore power pedestals and distribution wiring on docks H,J,K and L.
Managing Department: Marina		

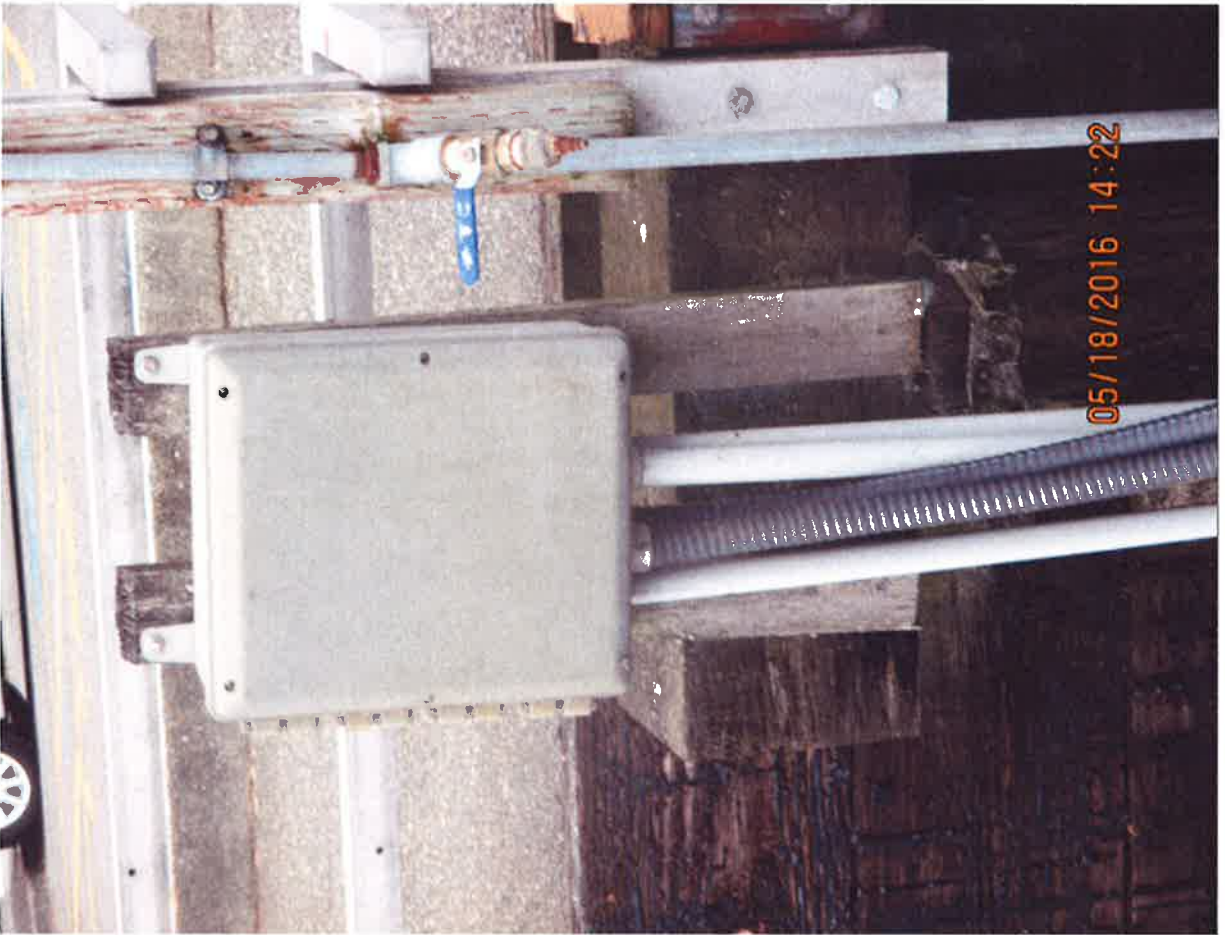
Justification/Benefits: The new electrical wiring will reduce the risk of fire as well as provide upgraded service to Marina tenants. These docks are 45 years old and still have the original shore power boxes and wiring. Most of the shore power boxes have been upgraded to 30 amps from the original 15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

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-	-	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	360	-	60	60	-	60	60	60	60	60	60
Contingency	-	-	-	-	-	-	-	-	-	-	-
Total Expenditures	360	-	60	60	-	60	60	60	60	60	60

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Marina Rates	360	-	60	60	-	60	60	60	60
Total Funding	360	-	60	60	-	60	60	60	60

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021 2022
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Marina Gate Security



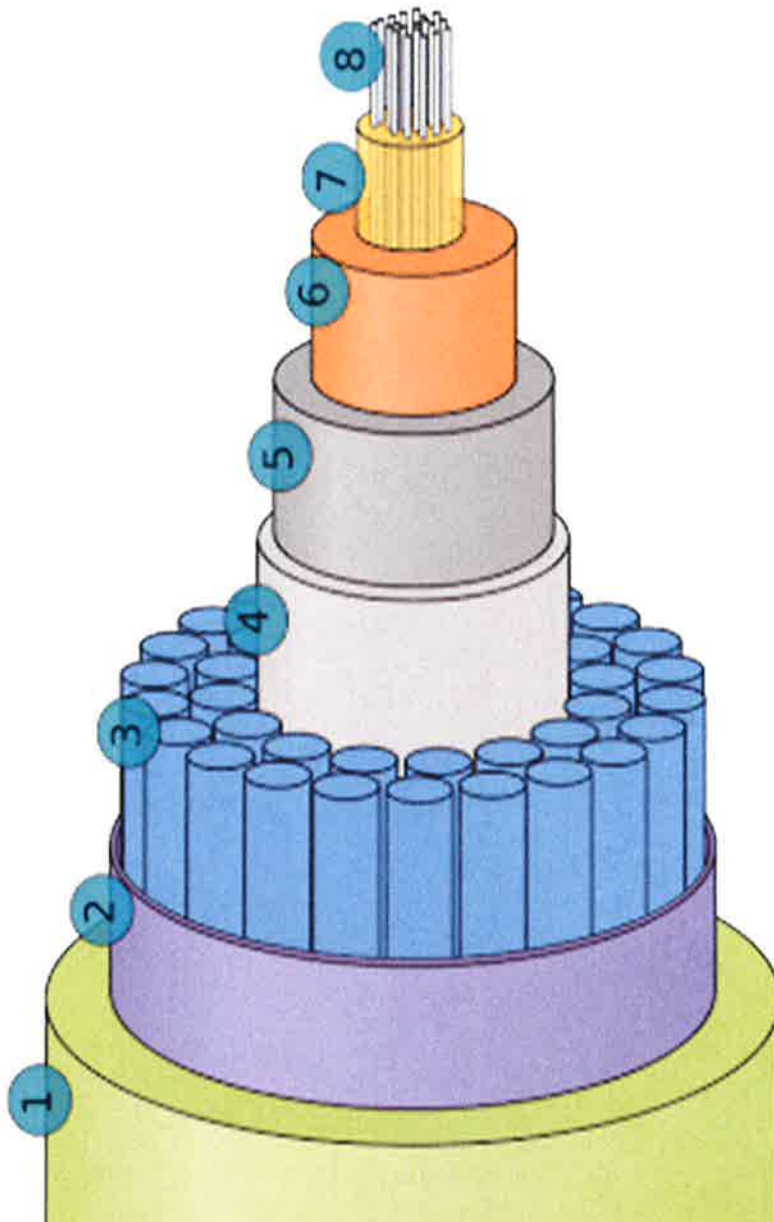
CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

Marina Gate Security	403,453	<i>Summary Project Description:</i> This project will replace the current gate security system with a new card reader system. The current system was installed in 1998 and many of the hardware components are no longer being manufactured. A new system will incorporate the latest security hardware and software and will be serviceable for another 15 to 20 years.
CIP Category: Marina Capital Improvements		
Managing Department: Marina		

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

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-						-				
Land & Right of Way	-						-				
Construction	40		40								
Contingency	-										
Total Expenditures	40		40								
Funding Sources		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Marina Rates	40		40								
Total Funding	40		40								
OPERATING IMPACT		ANNUAL OPERATING IMPACT									
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022			
Revenue	-	-	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-	-	-	-	-

Marina Fiber Optic Cable



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Marina Fiber Optic Cable	403	Summary Project Description:
CIP Category: Marina Capital Improvements Managing Department: Information Technology		This project will install a fiber optic cable from the Public Works Service Center to the Marina office, connecting the Marina's network to the City's network.

Justification/Benefits: Connecting the Marina network to the City's network will allow for the cancellation of the separate Comcast internet and phone service to the Marina office, will facilitate moving separate Marina servers to a consolidated location, will provide remote viewing of security cameras by the Police Department and will allow for remote management of parking equipment.

PROJECT SCOPE		ANNUAL ALLOCATION							
		Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
Expenditures	Total Budget	12/31/15	2016	2017	2018	2019	2020	2021	2022
Design	-								
Land & Right of Way	-								
Construction	150			150					
Contingency	-								
Total Expenditures	150								

Funding Sources	Total Budget	Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
		12/31/15	2016	2017	2018	2019	2020	2021	2022
Marina Rates	150			150					
Total Funding	150								

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
		2016	2017	2018	2019	2020	2021
Operating Impact	6 Year Total	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-
Expenses	(36)	(6)	(6)	(6)	(6)	(6)	(6)
Net Impact	(36)	(6)	(6)	(6)	(6)	(6)	(6)

Fuel Dispenser



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Fuel Dispenser	403	Summary Project Description:
		Replace fuel dispensers.

CIP Category: Marina Capital Improvements

Managing Department: Marina

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

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	-	-	-	-	-	-	-	-	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	60	-	-	-	60	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-	-	-
Total Expenditures	60	-	-	-	-	60	-	-	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Marina Rates	60	-	-	-	-	60	-	-	-
Total Funding	60	-	-	-	-	60	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Marina Dock Replacement



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Marina Dock Replacement	403	Summary Project Description:
CIP Category: Marina Capital Improvements Managing Department: Marina Justification/Benefits:		This project creates a set aside to accumulate funds for the purchase of a full dock replacement. When sufficient funds are accumulated a replacement dock will be installed.

PROJECT SCOPE		ANNUAL ALLOCATION													
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022						
Design	-														
Land & Right of Way	-														
Construction	1,200								1,200						
Contingency	-														
Total Expenditures									1,200						

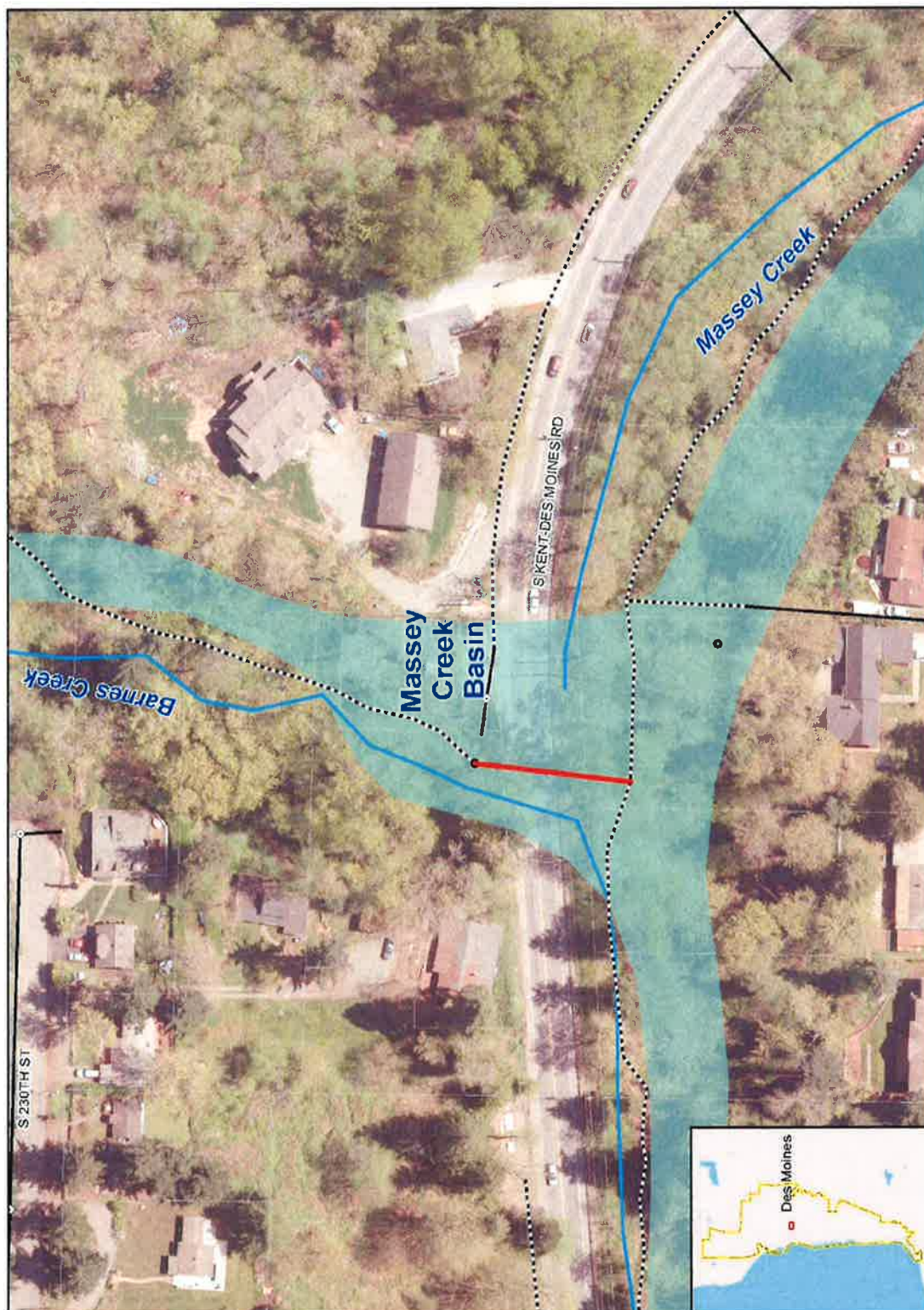
Funding Sources		Total Budget	
Marina Rates		1,200	
Total Funding		1,200	

Project to Date 12/31/15	Scheduled Year	2016	Plan Year	2017	Plan Year	2018	Plan Year	2019	Plan Year	2020	Plan Year	2021	Plan Year	2022
		116		125		125		125		125		125		459
		116		125		125		125		125		125		459

Operating Impact		6 Year Total					
Revenue							
Expenses							
Net Impact							

ANNUAL OPERATING IMPACT									
	2017	2018	2019	2020	2021	2022			
Revenue	-	-	-	-	-	-			
Expenses	-	-	-	-	-	-			
Net Impact									

Barnes Crk/Kent-Des Moines Rd Culvert



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Barnes Crk/Kent-Des Moines Rd Culvert	451
CIP Category: Surface Water Mgmt	
Managing Department: Plan, Build & PW Admin	
Summary Project Description:	
Project improvements will include the installation of 80 to 100 feet of 48-inch or 60-inch diameter culvert or possibly the construction of a box culvert, depending on the method of construction and current fisheries requirements. Due to the depth of culvert and the high traffic of Kent-Des Moines Road, use of boring or other trench-less technology will be explored. The dramatic elevation change from upstream to downstream and the need to moderate velocity for fish passage may require that a special energy dissipater and/or fish ladder be installed at the culvert outlet.	

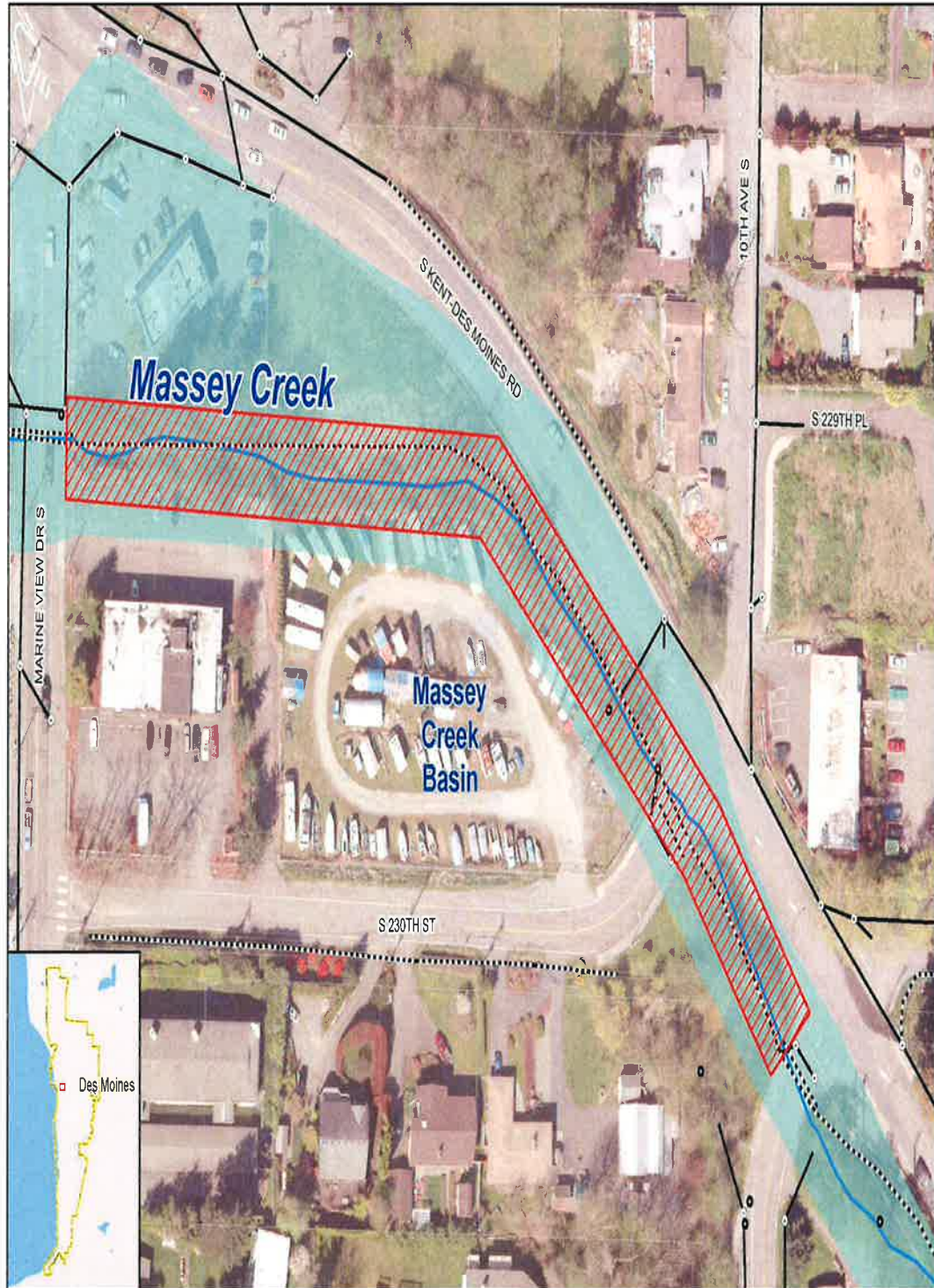
Justification/Benefits: This culvert replacement is needed to convey peak predicted flows without flooding Kent-Des Moines Road. At this point a new 42- to 48-inch reinforced concrete pipe culvert is planned to replace the existing undersized culvert. However, the new pipe size will need to be designed to meet current Hydraulic Code to allow both high- and low-flow fish passage. An energy dissipater will be included at the downstream end of the culvert (with a fish ladder). This project was identified in the Lower Massey Creek Basin Plan and Alternative Analysis. A culvert survey made in 2015 indicated the existing culvert is in poor condition.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	423		225	178							
Land & Right of Way	-										
Construction	1,155				1,155						
Contingency	300										
Total Expenditures	1,878	320	225	178	1,155						

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Surface Water Utility	1,878	304	241	178	1,155				
Total Funding	1,878	304	241	178	1,155				

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Lower Massey Creek Channel Modifications



CITY OF DES MOINES
2017 -2022 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 Taco 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, installing native plantings along the stream, removing invasive species and installing stream fish habitat features such as woody debris, stream boulders and bank logs. External funding is provide from King County with two grants: \$200K Flood Reduction Grant and \$196 Regional Opportunity Grant.

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

PROJECT SCOPE		
Expenditures	Total	Budget
Design	371	
Land & Right of Way	1	
Construction	1,129	
Contingency	407	
Total Expenditures	1,908	

ANNUAL ALLOCATION										
Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
12/31/15	2016	2017	2018	2019	2020	2021	2022			
364	7									
1										
-	1,129									
1	406									
366	1,542									

Funding Sources	Total	Budget
Surface Water Utility	1,512	
Local Grants (County, etc.)	396	
Total Funding	1,908	

Project to Date	Scheduled Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year	Plan Year
12/31/15	2016	2017	2018	2019	2020	2021	2022			
335	1,177									
	396									
335	1,573									

OPERATING IMPACT					
6 Year Total					
Revenue	-	-	-	-	-
Expenses	-	-	-	-	-
Net Impact	-	-	-	-	-

ANNUAL OPERATING IMPACT					
	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-
Expenses	-	-	-	-	-
Net Impact	-	-	-	-	-

S. 251st Street Storm Outfall



**CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

S. 251st Street Storm Outfall	451
CIP Category: Surface Water Mgmt	
Managing Department: Public Works	
Summary Project Description: This project proposes to extend the 24-inch outfall pipe downslope away from the existing MSE wall and install a dissipator at the terminus.	

Justification/Benefits: This project is a retrofit to a storm outfall improvement made in 2014 which failed following heavy rains in October 2015.

PROJECT SCOPE	
Expenditures	Total Budget
Design	106
Land & Right of Way	-
Construction	200
Contingency	64
Total Expenditures	370

ANNUAL ALLOCATION									
Project to Date 12/31/15	Scheduled Year	2016	Plan Year	2017	Plan Year	2018	Plan Year	2019	Plan Year
		106							
		200							
		64							
		370							

Funding Sources	Total Budget
Surface Water Utility	370
Total Funding	370

Project to Date 12/31/15	Scheduled Year	2016	Plan Year	2017	Plan Year	2018	Plan Year	2019	Plan Year	2020	Plan Year	2021	Plan Year	2022
		370												
		370												

OPERATING IMPACT	
Operating Impact	6 Year Total
Revenue	-
Expenses	-
Net Impact	-

ANNUAL OPERATING IMPACT									
	2016	2017	2018	2019	2020	2021	2022		
Revenue	-	-	-	-	-	-	-		
Expenses	-	-	-	-	-	-	-		
Net Impact	-	-	-	-	-	-	-		

24th Ave Pipeline Replacement/Upgrade



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

24th Ave Pipeline Replacement/Upgrade 451,606

CIP Category: Surface Water Mgmt

Managing Department: Plan, Build & PW Admin

Summary Project Description:

Replacement of existing 12-inch storm drainage system on 24th Avenue from S. 224th to S. 227th Street with approximately 1100 feet of 36-inch pipe.

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

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	20			20							
Land & Right of Way	-										
Construction	192			192							
Contingency	51			51							
Total Expenditures	263			263							

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Surface Water Utility	263			263					
Total Funding	263			263					

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Pipe Replacement Program



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

Pipe Replacement Program	451.826	<i>Summary Project Description:</i>
CIP Category: Surface Water Mgmt		Replacement of existing pipes based on customer request and video based condition assessment. This program is scheduled to be finished in 2022.
Managing Department: Plan, Build & PW Admin		

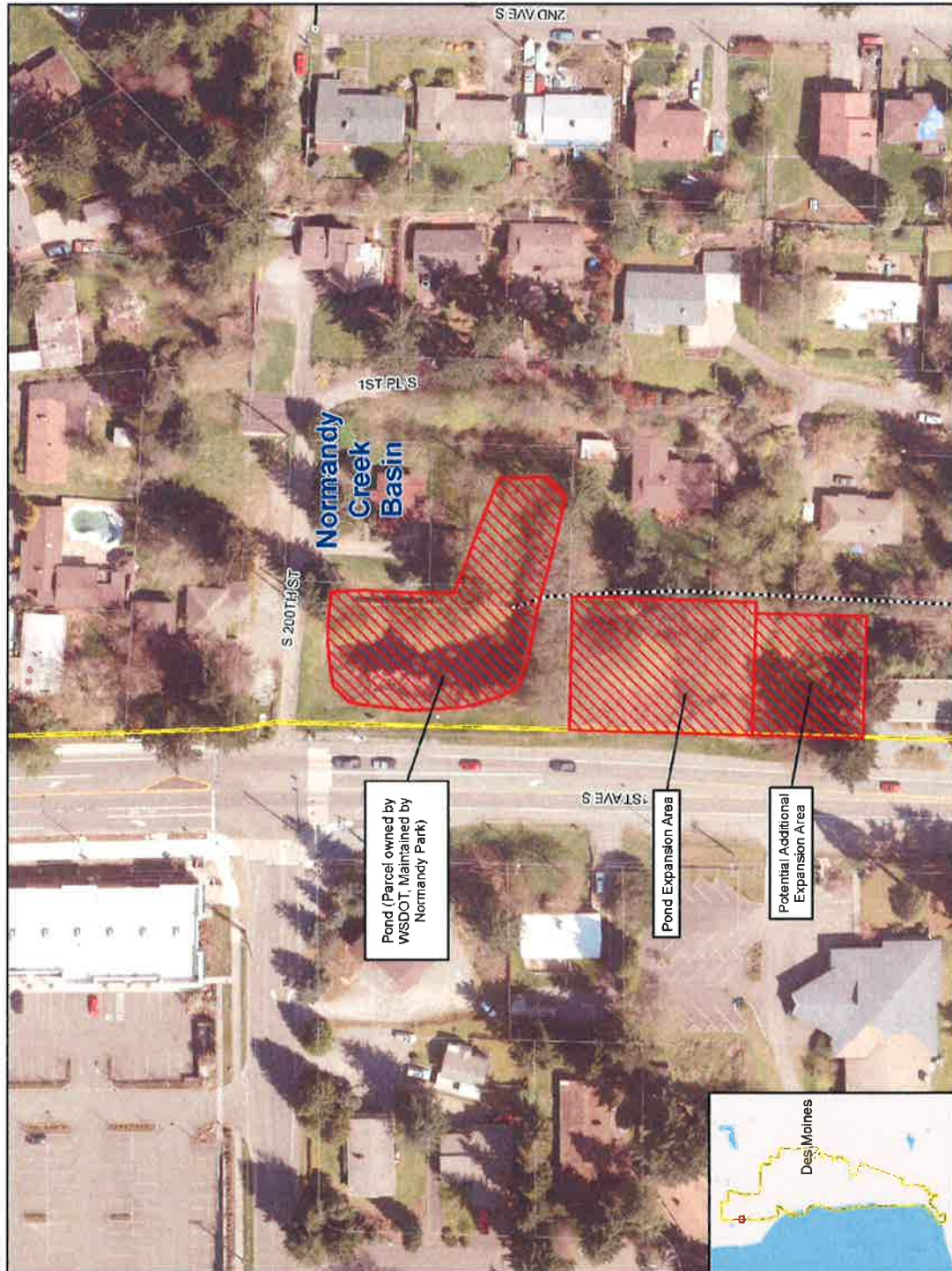
Justification/Benefits: A video assessment of existing storm drain pipes is scheduled to begin in 2016. From the assessment a prioritized list of pipes needing replacement will be developed along with estimated costs.

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2022	Plan Year 2022
Design	227	-	-	38	38	38	38	38	38	38	37
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	1,120	-	-	-	230	230	230	230	230	230	200
Contingency	293	-	-	11	60	60	60	60	60	60	42
Total Expenditures	1,640	-	-	49	328	328	328	328	328	328	279

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2022	Plan Year 2022
Surface Water Utility	1,640	-	-	49	328	328	328	328	328	328	279
Total Funding	1,640	-	-	49	328	328	328	328	328	328	279

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

1st Ave Pond Expansion



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

1st Ave Pond Expansion	451,823	Summary Project Description:
CIP Category: Surface Water Mgmt		Expand existing pond at 1st Ave and 4th Ave S, North Hill Area by 1.9 acre feet.
Managing Department: Plan, Build & PW Admin		

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

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Surface Water Utility	150	-	-	-	30	120	-	-	-	-	-
Local Grants (County, etc.)	235	-	-	-	30	205	-	-	-	-	-
Total Funding	385	-	-	-	60	325	-	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2022
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

5th Ave/212th Street Pipe Upgrade



CITY OF DES MOINES
2017-2022 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)

5th Ave/212th Street Pipe Upgrade	451	<i>Summary Project Description:</i>
CIP Category: Surface Water Mgmt		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.
Managing Department: Plan, Build & PW Admin		

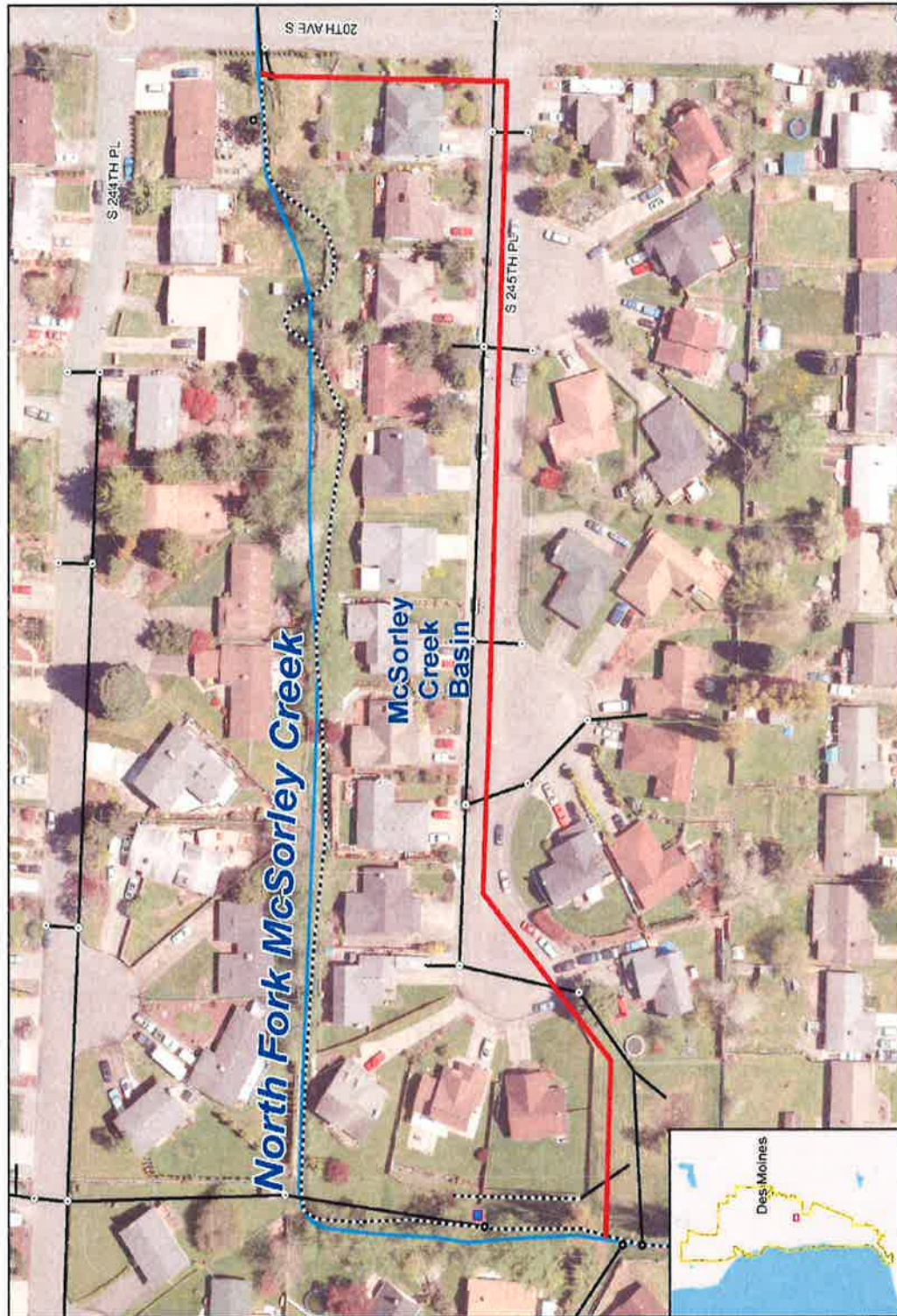
Justification/Benefits: This project will replace over 2,000 feet of aged corrugated metal pipe and upgrade over 900 feet of pipe to 18-inch pipe that has inadequate capacity during major storms. During two major storm events in 2013 and 2014, the pipe system overflowed creating significant erosion near the stairway at 212th Street and Des Moines Memorial Drive. The project will connect to the DMMID 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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Design	161	-	-	-	-	161	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-
Construction	529	-	-	-	-	529	-	-	-
Contingency	125	-	-	-	-	125	-	-	-
Total Expenditures	815	-	-	-	-	815	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Surface Water Utility	815	-	-	-	-	815	-	-	-
Total Funding	815	-	-	-	-	815	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

N. Fork McSorley Ck Diversion



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

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

Justification/Benefits: When the Des Moines Trace Subdivision was developed in the early 1980's a segment of the north fork of McSorley 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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	85	-	-	-	-	-	-	85	-	-	-
Land & Right of Way	-	-	-	-	-	-	-	-	-	-	-
Construction	281	-	-	-	-	-	281	-	-	-	-
Contingency	66	-	-	-	-	-	-	66	-	-	-
Total Expenditures	432	-	-	-	-	-	-	432	-	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Surface Water Utility	432	-	-	-	-	-	432	-	-	-	-
Total Funding	432	-	-	-	-	-	432	-	-	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2022
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

6th Ave/239th Pipe Replacement



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

6th Ave/239th Pipe Replacement	451	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.
CIP Category: Surface Water Mgmt		
Managing Department: Plan, Build & PW Admin		

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							
		Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Expenditures	Total Budget								
Design	38						38		
Land & Right of Way	-								
Construction	124						124		
Contingency	29						29		
Total Expenditures	191						191		

Funding Sources	Total Budget								
Surface Water Utility	191						191		
Total Funding	191						191		

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
		2016	2017	2018	2019	2020	2021
Operating Impact	6 Year Total						
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

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



CITY OF DES MOINES
2017 -2022 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.	

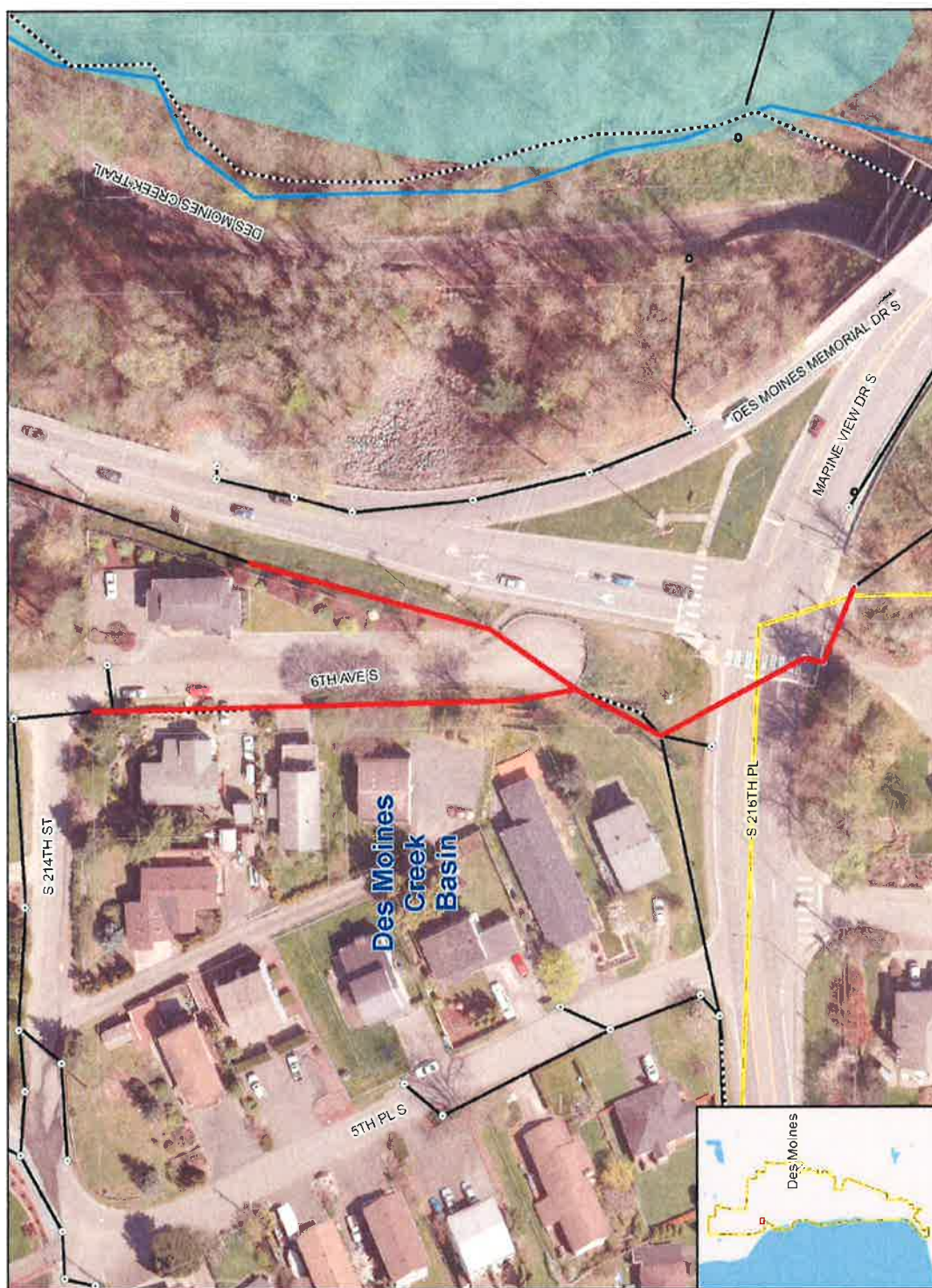
Justification/Benefits: The culvert below 272nd Street is not sufficiently sized and is too shallow. During major storms the pipe system leading from the Redondo Riveria subdivision (south of 272nd) backs up creating significant flooding within the subdivision particularly in the vicinity of 275th Place 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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Design	94	-	-	-	-	-	-	94	-
Land & Right of Way	-	-	-	-	-	-	-	-	-
Construction	310	-	-	-	-	-	310	-	-
Contingency	74	-	-	-	-	-	-	74	-
Total Expenditures	478	-	-	-	-	-	478	-	-

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Surface Water Utility	478	-	-	-	-	-	-	478	-
Total Funding	478	-	-	-	-	-	478	-	-

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2017	2018	2019	2020	2021	2022
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

216th Pl./ Marine View Dr. Pipe Upgrade



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

216th Pl//Marine View Dr. Pipe Upgrade 451

CIP Category: Surface Water Mgmt

Managing Department Plan, Build & PW Admin

Summary Project Description:

This project proposes to upgrade the ditch along Des Moines Memorial Drive with 300 linear feet of new 18-inch diameter pipe and connecting to 170 linear feet of new larger 24-inch diameter storm system crossing the intersection of MVD (216th Place). The project also proposes to pipe the ditches on the west side of 6th Avenue connecting to the new pipe system on DMMD.

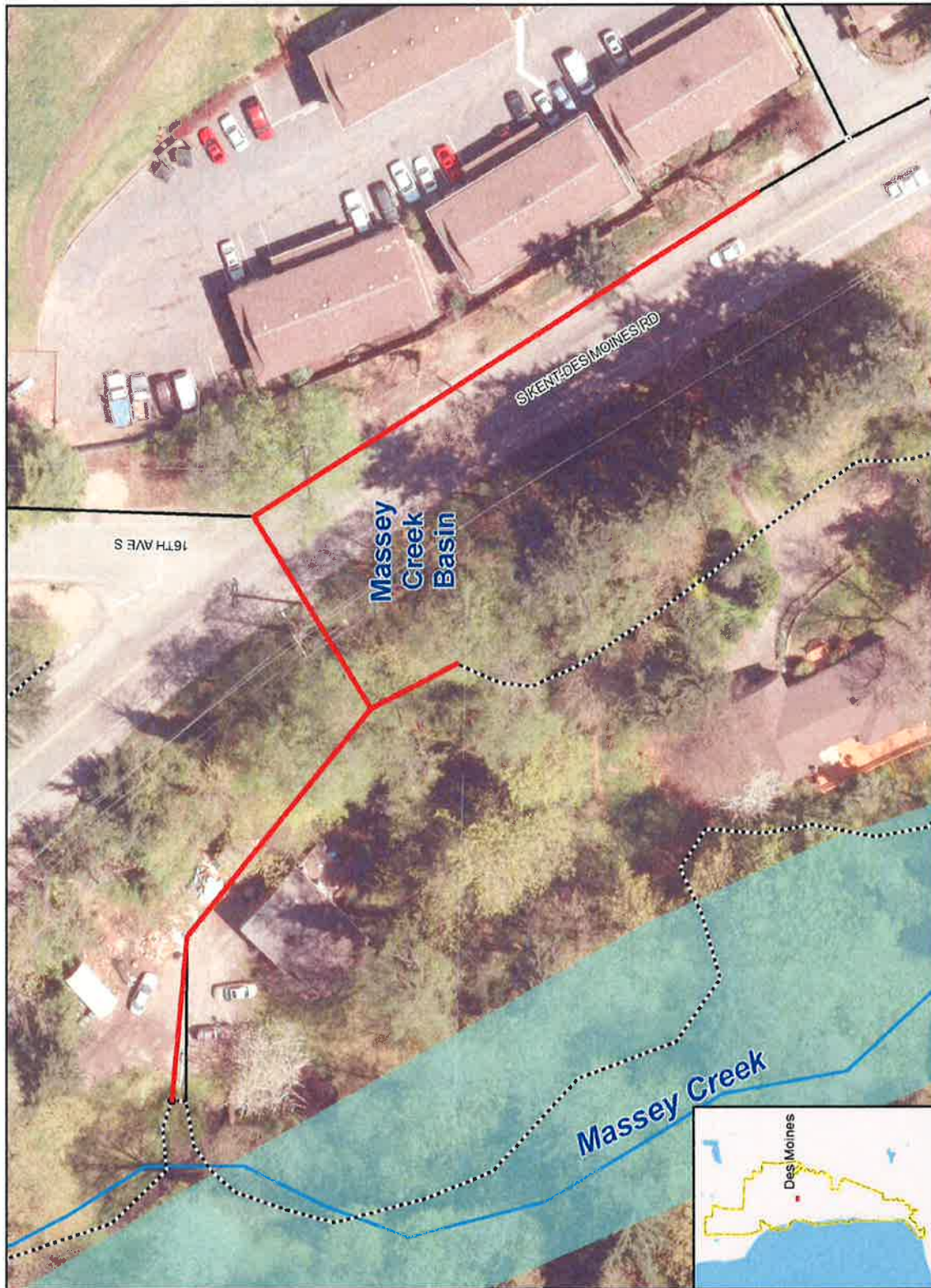
Justification/Benefits: Previous upgrades have occurred within the storm system downstream of the project and west of the project along 216th Place. This project proposes to upsize the 18-inch crossing at Marine View Drive to 24-inch as well as pipe the ditch along Des Moines Memorial Drive. Along the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

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	61	-							61		
Land & Right of Way	-	-									
Construction	200	-							200		
Contingency	48	-							48		
Total Expenditures	309								309		

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Surface Water Utility	309								309		
Total Funding	309								309		

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

KDM / 16th Avenue Pipe Replacement



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

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

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

PROJECT SCOPE		ANNUAL ALLOCATION									
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	54	-							54		
Land & Right of Way	-	-									
Construction	176	-							176		
Contingency	42	-							42		
Total Expenditures	272	-							272		

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Surface Water Utility	272								272		
Total Funding	272	-							272		

OPERATING IMPACT		ANNUAL OPERATING IMPACT					
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

DMMD 208th to 212th Pipe Project



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

DAMMD 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 installation 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 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022		
Design	119	-							119		
Land & Right of Way	-	-									
Construction	391	-							391		
Contingency	93	-							93		
Total Expenditures		-	-	-	-	-	-	-	603	-	-

Funding Sources		Total Budget
Surface Water Utility		603
Total Funding		603

OPERATING IMPACT		ANNUAL OPERATING IMPACT									
Operating Impact	6 Year Total	2017	2018	2019	2020	2021	2022				
Revenue	-	-	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-	-	-
Net Impact		-	-	-	-	-	-	-	-	-	-

8th Avenue (264th to 265th)



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

8th Ave (264th to 265th)	451
CIP Category: Surface Water Mgmt Managing Department: Public Works	
Summary Project Description: This project proposes to install approximately 910 feet of 12 inch storm pipe, 9 catch basins along the west side of 8th Avenue and replace an existing manhole at the intersection of S 265th Place and 8th Avenue where the new storm drain system connects to the existing system.	

Justification/Benefits: Presently most of the runoff from 8th Avenue sheetflows on the properties west of 8th Avenue and is not collected into the existing system located on the east side of the road. The purpose of this project is to collect and prevent runoff from 8th Avenue from exacerbating a landslide hazard located west of the project. This is a high priority project listed in the 2015 SWM Comprehensive Plan.

PROJECT SCOPE		ANNUAL ALLOCATION						
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021
Design	30							
Land & Right of Way	-							
Construction	210							
Contingency	30							
Total Expenditures	270							

Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Surface Water Utility	270								
Total Funding	270								

OPERATING IMPACT		ANNUAL OPERATING IMPACT						
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022
Revenue	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-	-

KDM/16th Ave B Pipe Replacement



CITY OF DES MOINES
2017 -2022 CAPITAL IMPROVEMENT PLAN
 (Amount in Thousands)

KDM/16th Ave B Pipe Replacement	451
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CIP Category: Surface Water Mgmt

Managing Department: Plan, Build & PW Admin

Summary Project Description:

Install a new stormwater conveyance system on the west side of 16th Avenue S consisting of approximately 1220 feet of 12 inch pipe and 6 catch basins. Replace the existing ditch along the north side of Kent-DesMoines Road (KDM) with approximately 935 feet of 36 inch pipe and 9 storm drain manholes. The new 16th Ave S storm system will connect to the new system on KDM and outfall to Barnes Creek.

Justification/Benefits: During periods of heavy rainfall, runoff from 16th Avenue will overtop Kent-Des Moines Road (KDM) and erode/flood the properties on the south side of the road. This project will better collect the runoff from the west side of 16th Avenue and the north side of KDM and allow the abandonment of at least one KDM storm crossing. The project will also enclose the existing ditch system along KDM for vehicle and pedestrian safety. This project is a high priority project (CIP-25B) listed in the 2015 SWM Comprehensive Plan.

PROJECT SCOPE		ANNUAL ALLOCATION							
Expenditures	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Design	176								176
Land & Right of Way	-								
Construction	572								572
Contingency	132								132
Total Expenditures	880	-	-	-	-	-	-	-	880
Funding Sources	Total Budget	Project to Date 12/31/15	Scheduled Year 2016	Plan Year 2017	Plan Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022
Surface Water Utility	880								880
Total Funding	880	-	-	-	-	-	-	-	880
OPERATING IMPACT		ANNUAL OPERATING IMPACT							
Operating Impact	6 Year Total	2016	2017	2018	2019	2020	2021	2022	
Revenue	-	-	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-	-	-

GLOSSARY OF TERMS

ADA: Acronym for “Americans with Disabilities Act.”

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

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

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

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

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

CDBG: Acronym for “Community Development Block Grant.”

CIP: Acronym for “Capital Improvement Plan.”

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

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

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

Capital Facility: A structure, improvement, piece of equipment or other major asset, including land, which 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.”