

AMENDED AGENDA

**DES MOINES CITY COUNCIL
REGULAR MEETING
City Council Chambers
21630 11th Avenue S, Des Moines, Washington**

July 26, 2018 – 7:00 p.m.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

CORRESPONDENCE

COMMENTS FROM THE PUBLIC

BOARD & COMMITTEE REPORTS/COUNCILMEMBER COMMENTS

PRESIDING OFFICER'S REPORT

ADMINISTRATION REPORT

Item 1: SHORELINE MASTER PLAN

Item 2: VANGASKEN UPDATE

Item 3: POLICE DEPARTMENT COMMUNICATION PLAN

Item 4: S. 223rd Street Paving Update

CONSENT CALENDAR

Page 1 Item 1: APPROVAL OF VOUCHERS

Motion is to approve for payment vouchers and payroll transfers through July 20, 2018 included in the attached list and further described as follows:

Total A/P Checks/Vouchers	#154596-154783	\$ 499,251.35
Electronic Wire Transfers	#1073-1077	\$ 306,326.03
Payroll Checks	#19069-19075	\$ 7,688.55
Payroll Direct Deposit	#290001-290185	\$ 362,208.81
Total Checks and Wires for A/P and Payroll:		\$1,175,474.74

Page 3 Item 2: 2018-2019 ON-CALL GENERAL CIVIL ENGINEERING SERVICES TASK ASSIGNMENT: BARNES CREEK TRAIL NEPA PERMITTING WETLAND SURVEY UPDATE

Motion to approve 2018-2019 On-Call General Engineering Services Task Assignment 2018-03 with KPG Inc. to provide NEPA wetland delineation update services for the Barnes Creek Trail project in the amount of \$40,000.00, and further authorize the City Manager to sign said Task Assignment substantially in the form as submitted.

Page 13 Item 3: ECOLOGY'S SHORELINE MASTER PROGRAM PERIODIC REVIEW GRANT

Motion is to authorize the City Manager to sign the Shoreline Master Program Periodic Review Grant Agreement No. SEASMP-1719-DeMDS-00034 between the City of Des Moines and the Washington State Department of Ecology, substantially in the form as attached.

PUBLIC HEARING/CONTINUED PUBLIC HEARING

Page 29 Item 1: DRAFT ORDINANCE APPROVING FEDERAL WAY LINK EXTENSION (FWLE) TRANSIT WAY AGREEMENT (TWA), AND DRAFT RESOLUTION APPROVING FWLE DEVELOPMENT AGREEMENT (DA)

Staff Presentation:

~~Chief Strategic Officer Susan Cezar~~
~~Chief Operations Officer Dan Brewer~~

OLD BUSINESS

Page 31 Item 1: DISCUSSION OF 2019-2024 CAPITAL IMPROVEMENT PLAN
Staff Presentation: Finance Director Beth Anne Wroe

EXECUTIVE SESSION

Potential Litigation under RCW 42.30.110(1)(i) – 20 minutes

NEXT MEETING DATE

August 2, 2018 City Council Budget Retreat

ADJOURNMENT

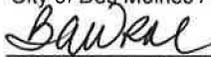
CITY OF DES MOINES
Voucher Certification Approval
26-Jul-18

Auditing Officer Certification

Vouchers and Payroll transfers audited and certified by the auditing officer as required by RCW 42.24.080, and those expense reimbursement claims certified as required by RCW 42.24.090, have been recorded on a listing, which has been made available to the City Council.

As of July 26, 2018 the Des Moines City Council, by unanimous vote, does approve for payment those vouchers and payroll transfers through July 20, 2018 included in the attached list and further described as follows:

The vouchers below have been reviewed and certified by individual departments and the City of Des Moines Auditing Officer:


 Beth Anne Wroe, Finance Director

	# From	# To	Amounts
Claims Vouchers:			
Total A/P Checks/Vouchers	154596	- 154783	499,251.35
Electronic Wire Transfers	1073	- 1077	306,326.03
Total claims paid			805,577.38
Payroll Vouchers			
Payroll Checks	19069	- 19075	7,688.55
Direct Deposit	290001	- 290185	362,208.81
Total Paychecks/Direct Deposits paid			369,897.36
Total checks and wires for A/P & Payroll			1,175,474.74

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A G E N D A I T E M

BUSINESS OF THE CITY COUNCIL City of Des Moines, WA

SUBJECT: 2018-2019 On-Call General Civil Engineering Services Task Assignment: Barnes Creek Trail NEPA Permitting Wetland Survey Update

FOR AGENDA OF: July 26, 2018

DEPT. OF ORIGIN: Public Works

DATE SUBMITTED: July 19, 2018

ATTACHMENTS:

1. KPG Inc. 2018-2019 On-Call Formal Task Assignment 2018-03

CLEARANCES:

- Community Development N/A
- Marina N/A
- Parks, Recreation & Senior Services N/A
- Public Works PBC

CHIEF OPERATIONS OFFICER: DJB

- Legal DLB
- Finance SAW
- Courts N/A
- Police N/A

APPROVED BY CITY MANAGER
FOR SUBMITTAL: [Signature]

Purpose and Recommendation

The purpose of this agenda item is to seek City Council approval for the 2018-2019 On-Call Formal Task Assignment 2018-03 with KPG Inc. (Attachment 1) to provide a NEPA wetland delineation update for the Barnes Creek Trail Project. The following motions will appear on the consent calendar:

Suggested Motions

Motion 1: “I move to approve 2018-2019 On-Call General Engineering Services Task Assignment 2018-03 with KPG Inc. to provide NEPA wetland delineation update services for the Barnes Creek Trail project in the amount of \$40,000.00, and further authorize the City Manager to sign said Task Assignment substantially in the form as submitted.”

Motion 2: “I move to direct administration to bring forward a budget amendment to the 2018-2023 Capital Improvement Plan (CIP) and the 2018 Capital Budget to include the NEPA wetland delineation update.”

Background

The Barnes Creek Trail will ultimately provide a connection from the Regional Lake to Sound Trail, via the Des Moines Creek Trail, to Highline College. This project will develop a multiuse, ADA compliant pedestrian and bike facility from South 216th Street to Highline College.

In 2013, the City was awarded a Federal Highways Administration (FHWA) CMAQ grant in the amount of \$378,005 for Preliminary Engineering (PE) for the entire trail. In June, the City entered into a Local Agency Agreement (LAA) with the Washington State Department of Transportation (WSDOT) to obligate the federal funds.

In 2018, the City was notified that the project has been selected for a FHWA CMAQ grant award in the amount of \$519,000 to complete Right-of-Way acquisition (RW) for the entire project corridor. These funds will become available in 2021 when obligated by WSDOT under a new LAA.

Previous and current task assignments for this project under the current FHWA CMAQ grant include the following:

- 85% Project Plans, Specifications, and Estimate (PS&E).
- Determination of trail alignments for (3) distinct project segments:
 - North Segment – S 216th Street to S 223rd Street.
 - Central Segment – S 223rd Street to Intersection of KDM/16th Ave S.
 - South Segment – Intersection of KDM/16th Ave S to Highline College.
- Execution of trail easement with WSDOT located within the Historic 509 corridor between S 220th Street and Kent Des Moines Road.
- Geotechnical investigation.
- Project design and urban design documentation.
- Preliminary environmental review for National Environmental Policy Act (NEPA) scoping.
- NEPA Documented Categorical Exclusion (DCE) submittal to WSDOT.

Discussion

This Task Assignment with KPG will focus on NEPA permitting wetland delineation updates for the Central Segment of the project, South 223rd Street to Kent-Des Moines Road. The project team previously delineated wetlands and streams within this project segment in 2012 in support of potential RW acquisition for parcels owned by WSDOT, known as the Historic SR509 Right-of-Way. This previous delineation was performed in accordance with DMMC 18.86.

In early 2018, the project NEPA documents were transmitted to WSDOT for review and approval. WSDOT reviewed the documentation and requested that verification of wetland boundaries located within the Central Segment and in close proximity to the trail alignment be conducted due to the previous delineation occurring past the 5-year expiration period recommended by the Army Corps of Engineers and WSDOT.

NEPA approval is required to conclude the current Preliminary Engineering (PE) phase of the project and allow advancement into RW acquisition. NEPA approval also allows the City to satisfy current PE CMAQ grant obligations.

This task assignment does not provide for review and approvals for JARPA, Hydraulic Permit Approval (HPA), SEPA, or Corps Individual or Nationwide permits. As each project segment advances into Construction, remaining permit needs will be addressed.

Alternatives

Alternative 1: No Task Assignment Authorization

The City Council could elect not to continue with the Barnes Creek Trail NEPA permitting efforts. As a result, the City would not be able to meet current FHWA grant obligations and would be required to repay entire amount of existing grant expended to date (YTD Approx. \$350,000) in addition to not being able to obligate the future grant award funds for RW acquisition totaling \$519,000.

Alternative 2: Delay Task Authorization

The City Council could elect to postpone task authorization to a future date. As a result, there is greater risk WSDOT would require an entire project corridor sensitive area re-delineation vs limited wetland verification as proposed in this task assignment.

Financial Impact

A 2018 Capital Budget amendment will be utilized to appropriate secured REET funding for this expenditure.

Recommendation

Staff recommends adoption of the motion.

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Formal Task Assignment Document

Task Number 2018-03

The general provisions and clauses of Agreement 2018-2019 On-Call General Civil Engineering Services shall be in full force and effect for this Task Assignment

Location of Project: Barnes Creek Trail (S 216th Street to S 240th Street/20th Avenue S)

Project Title: Barnes Creek Trail

Maximum Amount Payable Per Task Assignment: \$40,000

Completion Date: December 31, 2018

Description of Work:

Through previous authorization 2016-05, a preferred route has been selected and 85% Plans and NEPA documentation are in process. This task assignment provides for wetland verification within the central segment (S 223rd Street to Kent-Des Moines Road) of the preferred alignment for Barnes Creek Trail in order to address WSDOT comments on the NEPA documentation.

Attachments:

- Exhibit A – Scope of Work
- Exhibit B – Estimated Budget

Agency Project Manager Signature: _____ Date: _____

Oral Authorization Date: _____ Date: _____

Consultant Signature: _____ Date: _____

Agency Approving Authority: _____ Date: _____

EXHIBIT A

**City of Des Moines
Barnes Creek Trail
Task Assignment 2018-003
Wetland verification and NEPA update**

**KPG
Scope of Work
July 13, 2018**

Purpose

Through previous authorization 2016-05, a preferred route has been selected and 85% Plans and NEPA documentation are in process. This task assignment provides for wetland verification within the central segment (S 223rd Street to Kent-Des Moines Road) of the preferred alignment for Barnes Creek Trail in order to address WSDOT comments on the NEPA documentation.

The Consultant team previously delineated wetlands and streams within the Central Segment in 2012 and provided a brief technical memorandum that identified wetland and stream types and buffer widths in accordance with the requirements of City of Des Moines Municipal Code (DMMC 18.86). The City used this information to support the acquisition of surplus ROW owned by the Washington State Department of Transportation (WSDOT) for the regional trail system, including both the trail and a trailhead parking area.

In 2018 following selection of a preferred alignment by the City, the Consultant team prepared NEPA documents, in addition to other environmental materials, to support trail construction through all segments. WSDOT reviewed NEPA documentation and requested that verification of wetland boundaries located within the Central Segment and in close proximity to the trail alignment because the previous delineation is beyond the standard 5-year wetland delineation expiration period recommended by Corps and WSDOT. The following scope of work details the approach to verifying wetland boundaries located within the Central Segment.

Scope of Work

Task 1 Project Management/Coordination/Administration

- 1.1 Provide project management administrative services including:
- ◆ Project set-up and execute agreement
 - ◆ Execution of subconsultant agreements
 - ◆ Preparation of monthly progress reports and invoices (estimate 3 months)
 - ◆ Staff and subconsultant management and coordination

Deliverables

- ◆ *Monthly progress reports and invoicing*
- ◆ *Bi-weekly team meeting via phone / video conference*

Task 2 Wetland verification and NEPA update

- 2.1 Wetland verification will be prepared by ESA under subcontract to the Consultant. ESA biologists previously delineated wetlands and streams in the Central Segment in April 2012. The ordinary high water mark (OHWM) of Barnes Creek and tributaries in the study area in 2012 was also delineated. Wetland boundaries and OHWM were marked in the field with sequentially numbered colored flagging.

Under this task assignment, the Consultant will verify the boundaries of wetlands in the Central Segment that either intersect with the proposed trail alignment or are within proximity to the trail. In this context, proximity means the distance of the locally required buffer for each wetland (i.e., if the buffer of a wetland intersects the trail, that particular wetland boundary will be verified). Wetland boundaries that do not meet these criteria will not be verified (i.e., wetland boundaries on the side of the wetland further away from the trail).

To complete this work, the Consultant will upload surveyed wetland boundaries to hand-held GPS units and compare surveyed boundaries to current conditions observed in the field. Areas where wetland boundaries remain the same will be noted. Where wetland boundaries change, either by expansion or constriction, The Consultant will delineate the new boundary by collecting data plot information, hanging boundary flags, and collecting GPS points. However, minor discrepancies in the boundary less than two feet will not be recorded.

The Consultant will use the methods defined in the Western Mountains, Valleys, and Coast Regional Supplement to the U.S. Army Corps of Engineers 1987 Wetlands Delineation Manual to determine the presence and extent of wetlands in the study area. Field sketches and GPS data points of all wetland and stream boundaries will be provided to the Consultant for survey verification where required.

Delineation of wetland boundaries will require digging soil pits to a depth below 12 inches, which triggers the "Call Before You Dig Law" under RCW 19.122. Consultant staff will contact the Utility Notification Center and request a utility locate to be performed before the delineation site visit.

Deliverables:

- ◆ *Wetland sketch map and GPS data (to be used for survey).*

Assumptions:

- ◆ *Field work can be completed by 2 biologists within two days.*
- ◆ *Right of access will be provided by the City in writing prior to issuance of a notice to proceed with the field delineation.*

- 2.2 The Consultant will prepare a Technical Memorandum with associated figures that document field conditions and changes to wetland boundaries.

Deliverables:

- ◆ *Draft Technical Memorandum (provided in electronic format).*
- ◆ *Final Technical Memorandum revised per one round of review and comment*

Assumptions:

- ◆ *ESA will not revise wetland ratings; ratings were updated as part of the 2018 Wetland Discipline Report NEPA submittal for the project.*

- 2.3 The Consultant will update impact numbers and figures reported in the NEPA Wetland Discipline Report; Biological Assessment Letter of “No Effect;” and Fish, Wildlife, and Vegetation Technical Memorandum.

Deliverables:

- ◆ *Revised, Final Wetland Discipline Report; Biological Assessment Letter of “No Effect;” and Fish, Wildlife, and Vegetation Technical Memorandum (provided in electronic format).*

Assumptions:

- ◆ *There will be no review cycle, only submittal of revised, final documents.*

Additional Services

The City may require additional services of the Consultant in order to advance all or portions of the project corridor through final design and construction. The scope of these services will be determined based available funding, phasing, or other considerations at the sole discretion of the City. This work may include items identified in the current task authorizations as well other items, which may include, but are not necessarily limited to the following:

- ◆ Preparation of Final Plans, Specifications, and Estimates for bidding one or more segments.
- ◆ Obtaining title reports and providing final right of way calculations
- ◆ Preparation of right of way / easement legal descriptions and exhibits
- ◆ Providing property appraisals and negotiations
- ◆ NEPA documentation or additional permitting not included in the scope
- ◆ Providing bid period assistance
- ◆ Providing construction services

These services will be authorized under a future contract supplement if necessary. At the time these services are required, the Consultant shall provide a detailed scope of work and an estimate of costs. The Consultant shall not proceed with the work until the City has authorized the work and issued a notice to proceed.

HOURLY AND FEE ESTIMATE

EXHIBIT B

**Project: City of Des Moines
 Barnes Creek Trail
 Task Assignment 2018-003
 Wetland verification and NEPA update**



Task	Description	Labor Hour Estimate							Total Fee	
		*Project Manager \$ 198.33	*Senior Engineer \$ 161.37	*Project Engineer \$ 128.86	*Surveyor \$ 126.08	*Survey Technician \$ 96.89	*Survey Crew \$ 165.98	*Senior Admin \$ 110.00		*Office Admin \$ 83.52
Task1 - Management/coordination/administration										
1.1	Project administration (estimate 3 months)	6	0	0	0	0	0	4	4	\$ 1,964.05
	Reimbursable expenses									\$ -
	Task Totals	6	0	0	0	0	0	4	4	\$ 1,964.05
Task 2 - Wetland verification and NEPA update										
2.1	Wetland verification	2	0	4	8	16	30	0	0	\$ 8,450.51
2.2	Prepare wetland technical memo	2	0	8	0	0	0	0	0	\$ 1,427.58
2.3	Update NEPA document	4	0	8	0	0	0	0	2	\$ 1,991.28
	Reimbursable expense - mileage									\$ 100.00
	Subconsultant - ESA verification									\$ 20,000.00
	Task Totals	8	0	20	8	16	30	0	2	\$ 31,969.37

Total Estimated Fee: \$ 33,933.42
Management Reserve: \$ 6,066.58
Total Contract Amount: \$ 40,000.00

* Hourly rates are based on the following:

Direct Salary Costs	\$ 74.00	\$ 60.21	\$ 48.08	\$ 47.04	\$ 36.15	\$ 61.93	\$ 41.04	\$ 31.16
Overhead Rate	138.02%							
Fixed Fee	30%							

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A G E N D A I T E M

BUSINESS OF THE CITY COUNCIL City of Des Moines, WA

SUBJECT: Ecology's Shoreline Master Program
Periodic Review Grant

FOR AGENDA OF: July 26, 2018

DEPT. OF ORIGIN: Community Development

DATE SUBMITTED: July 18, 2018

ATTACHMENTS:

1. Washington State Department of Ecology
Shoreline Master Program Periodic Review
Agreement No. SEASMP-1719-DeMDSD-
00034

CLEARANCES:

- Community Development *gme*
 Marina _____
 Parks, Recreation & Senior Services _____
 Public Works _____

CHIEF OPERATIONS OFFICER: *DSB* _____

- Legal *TV6*
 Finance _____
 Courts _____
 Police _____

APPROVED BY CITY MANAGER
FOR SUBMITTAL: *[Signature]*

Purpose and Recommendation

The purpose of this agenda item is to provide information enabling the Council to take action on the acceptance of the Washington State Department of Ecology Shoreline Master Program Periodic Review Grant for 2018-2019.

Suggested Motion

Motion 1: "I move to authorize the City Manager to sign the Shoreline Master Program Periodic Review Grant Agreement No. SEASMP-1719-DeMDSD-00034 between the City of Des Moines and the Washington State Department of Ecology, substantially in the form as attached."

Background

Staff is requesting that the City Council authorize acceptance of the Washington State Department of Ecology (Ecology) grant in the amount of \$20,000 (Attachment 1) that would provide partial funding for the City's 2018-2019 Shoreline Master Program (SMP) periodic review and amendment. In February 2018, City Council was informed that Community Development would be submitting an application for this grant. Note that there is no requirement for the City to provide matching funds in order to accept this grant, and the Department of Ecology has reviewed and approved the agreement as attached.

Discussion

A periodic review of the Shoreline Master Program (SMP) is required pursuant to Chapter 90.58 RCW and Chapter 173-26 WAC. The purpose of the SMP periodic review is:

- To assure that the master program complies with applicable State law and guidelines in effect at the time of the review,
- To assure consistency of the master program with the City's comprehensive plan and development regulations adopted under chapter 36.70A RCW,
- To consider amendments needed to address changes in City policy, and
- To facilitate review of projects by clarifying SMP content that it is not currently clear.

Staff also proposes to include an amendment to allow for commercial uses at the Wasson House property per Council direction on May 25, 2017. The deadline to complete the review and associated amendments is June 30, 2019.

There are four primary tasks the City must take during the periodic review process that provides the framework for the City's work program:

- Project coordination and grant management.
- Implement a public participation plan that will include 3 public events plus a City Council Public Hearing.
- Review relevant plans and regulations and draft amendments.
- Take legislative action.

The bulk of the City's effort will be tied to the public participation, regulatory review and update tasks. To facilitate this work, Ecology is providing the City of Des Moines the subject \$20,000 non-competitive grant that can be used for staff time or consultant support.

Alternatives

1. The City Council may accept the SMP Periodic Review Grant Agreement No. SEASMP-1719-DeMDS-00034 between the City of Des Moines and the Washington State Department of Ecology.
2. The City Council may decline the SMP Periodic Review Grant Agreement No. SEASMP-1719-DeMDS-00034 between the City of Des Moines and the Washington State Department of Ecology and forego the grant funds.
3. The City Council may continue this Agenda Item and request that staff provides additional information on the SMP Periodic Review Grant. Continuance of this item may result in loss of grant funds for the required 2018-2019 periodic review and amendment of the SMP.

Financial Impact

If the City Council accepts the grant, there will be no fiscal impact to the City. However, if the City Council does not accept the grant, then the City will need to use additional General Fund monies to review and amend the SMP. The periodic review of the SMP is required by the State of Washington pursuant to Chapter 90.58 RCW and Chapter 173-26 WAC whether or not City Council accepts the grant.

Recommendation

Staff recommends that the City Council accept the SMP Periodic Review Grant Agreement No. SEASMP-1719-DeMDSD-00034.

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Agreement No. SEASMP-1719-DeMDS-00034

SHORELANDS SHORELINE MASTER PROGRAM (1719) AGREEMENT

BETWEEN

THE STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

AND

CITY OF DES MOINES

This is a binding Agreement entered into by and between the state of Washington, Department of Ecology, hereinafter referred to as "ECOLOGY," and City of Des Moines, hereinafter referred to as the "RECIPIENT," to carry out with the provided funds activities described herein.

GENERAL INFORMATION

Project Title:	Shoreline Master Program – Periodic Review
Total Cost:	\$20,000.00
Total Eligible Cost:	\$20,000.00
Ecology Share:	\$20,000.00
Recipient Share:	\$0.00
The Effective Date of this Agreement is:	07/01/2017
The Expiration Date of this Agreement is no later than:	06/30/2019
Project Type:	Periodic Review of the Shoreline Master Program

Project Short Description:

The RECIPIENT will complete a periodic review of the Shoreline Master Program (SMP) that is developed and adopted in a manner consistent with requirements of the Shoreline Management Act (SMA), RCW 90.58, and its implementing rules, WAC 173-26, including the Shoreline Master Program Guidelines (Guidelines).

Project Long Description:

The purpose of the SMP periodic review is (a) To assure that the master program complies with applicable law and guidelines in effect at the time of the review, and (b) To assure consistency of the master program with the local government's comprehensive plan and development regulations adopted under RCW 36.70A, if applicable. Local governments should also consider amendments needed to address changed circumstances, new information or improved data.

Overall Goal:

Periodic Review Checklist and draft SMP amendment or Findings of Adequacy.

State of Washington Department of Ecology
Agreement No: SEASMP-1719-DeMDS-00034
Project Title: Shoreline Master Program – Periodic Review
Recipient Name: City of Des Moines

ECOLOGY INFORMATION

Mailing Address: Department of Ecology
Shorelands
PO BOX 47600
Olympia, WA 98504-7600

Physical Address: Shorelands
300 Desmond Drive SE
Lacey, WA 98503

Contacts

Project Manager	Misty Blair 3190 - 160th Ave SE Bellevue, Washington 98008-5452 Email: mbla461@ecy.wa.gov Phone: (425) 649-4309
Financial Manager	Amy Krause PO Box 47600 Olympia, Washington 98504-7600 Email: amkr461@ecy.wa.gov Phone: (360) 407-7107

State of Washington Department of Ecology
 Agreement No: SEASMP-1719-DeMDS-00034
 Project Title: Shoreline Master Program – Periodic Review
 Recipient Name: City of Des Moines

SCOPE OF WORK

Task Number: 1 **Task Cost: \$1,760.00**

Task Title: Project Oversight: Coordination, Management, and Administration

Task Description:

Project Oversight

The RECIPIENT shall provide services necessary to complete the scope of work in compliance with this ECOLOGY grant. Oversight services include 1) project coordination, 2) project management, and 3) project administration.

1.1 Project Coordination:

- A. The RECIPIENT shall coordinate throughout the SMP review process with ECOLOGY. The RECIPIENT will provide ECOLOGY opportunities to review draft deliverables at appropriate intervals. ECOLOGY will provide ongoing technical assistance, and will evaluate consistency of deliverables with the Shoreline Management Act and applicable guidelines throughout the review process.
- B. The RECIPIENT shall coordinate with other applicable federal, state and local agencies, neighboring jurisdictions, and Indian tribes as provided in the Guidelines and SMA procedural rules. In addition, the RECIPIENT will consult with other appropriate entities which may have useful information if necessary.

1.2 Project Management:

- A. The RECIPIENT shall conduct activities including compliance with state statutes and rules, project scheduling, adherence to the scope of work, timelines, and due dates; request for, and if applicable, conducting the competitive procurement process including preparation of contractor bidding documents, advertisements, and grant monitoring.

1.3 Project Administration:

- A. The RECIPIENT shall submit quarterly progress reports and payment requests (PRPRs) with supporting documentation; maintain project records, and be in compliance of deliverables on content and established due dates.

Task Goal Statement:

Properly managed and fully documented project that meets ECOLOGY's grant administration requirements.

Task Expected Outcome:

- * Timely and complete submittal of requests for reimbursement, quarterly progress reports and recipient closeout report.
- * Properly maintained project documentation.

State of Washington Department of Ecology
 Agreement No: SEASMP-1719-DeMDSD-00034
 Project Title: Shoreline Master Program – Periodic Review
 Recipient Name: City of Des Moines

SCOPE OF WORK

Task Number: 2 **Task Cost: \$500.00**

Task Title: Secure Consultant Services

Task Description:

If applicable, the RECIPIENT will:

A. Secure qualified consultant services: In accordance with the RECIPIENT procurement procedures, (if none, then State procurement procedures), the RECIPIENT will enter into a contract with the selected consultant(s) and prepare a sub agreement in accordance with the scope of work in this agreement.

Task Goal Statement:

To ensure the RECIPIENT has qualified personnel to conduct the scope of this project.

Task Expected Outcome:

Contract and sub-agreement with consultant(s) (if applicable).

Recipient Task Coordinator: Jason Woycke

Secure Consultant Services

Deliverables

Number	Description	Due Date
2.1	Final signed consulting contract. Upload to EAGL.	
2.2	Update in progress report.	

State of Washington Department of Ecology
 Agreement No: SEASMP-1719-DeMDS-00034
 Project Title: Shoreline Master Program – Periodic Review
 Recipient Name: City of Des Moines

SCOPE OF WORK

Task Number: 4 **Task Cost: \$465.00**

Task Title: Review Shoreline Master Program and draft revisions, if needed

Task Description:

The RECIPIENT will:

- A. Review the SMP to determine if revisions are needed
 1. Review amendments to RCW 90.58 and Ecology rules that have occurred since the Shoreline Master Program was last amended, and determine if local amendments are needed to maintain compliance. Ecology will provide a checklist of legislative and rule amendments to assist local governments with this review.
 2. Review changes to the comprehensive plan and development regulations to determine if the Shoreline Master Program policies and regulations remain consistent with them. Document the consistency analysis to support proposed changes to the Shoreline Master Program.
 3. Conduct additional analysis deemed necessary to address changing local circumstances, new information or improved data.

- B. Draft revised SMP goals, policies and regulations, or prepare Finding of Adequacy
 1. Prepare amended goals and policies or regulations identified through the review process. Use the checklist to identify where in the SMP changes are made to address applicable statutory or regulatory changes.
 2. Where the review conducted under Task 4A concludes no changes are necessary, prepare draft Findings of Adequacy.

Task Goal Statement:

To review the SMP to determine if changes are necessary, and revise the SMP if changes are deemed necessary.

Task Expected Outcome:

A completed Periodic Review Checklist documenting the public review of the SMP, and either initial draft SMP amendments or draft Findings of Adequacy.

Recipient Task Coordinator: Jason Woycke

Review Shoreline Master Program and draft revisions, if needed

Deliverables

Number	Description	Due Date
4.1	A Periodic Review Checklist documenting consideration of statutory amendments, and internal consistency review. Upload to EAGL.	
4.2	Draft SMP amendments or Findings of Adequacy and supporting documentation. Upload to EAGL.	

State of Washington Department of Ecology
 Agreement No: SEASMP-1719-DcMDSD-00034
 Project Title: Shoreline Master Program – Periodic Review
 Recipient Name: City of Des Moines

Recipient Task Coordinator: Jason Woycke

Local SMP or Findings of Adequacy Adoption Process

Deliverables

Number	Description	Due Date
5.1	A draft SMP amendment or Findings of Adequacy, with relevant supporting documentation, and a complete Periodic Review checklist. (Task 5.A). Upload to EAGL.	
5.2	SEPA products: Checklist; Threshold Determination; SEPA notice. (Task 5.B). Upload to EAGL.	
5.3	Evidence of compliance with GMA notice requirements. (Task 5.C). Upload to EAGL.	
5.4	Public hearing record. (Task 5.D). Upload to EAGL.	
5.5	Response to comments received. (Task 5.E). Upload to EAGL.	
5.6	Locally adopted draft SMP amendment or Findings of Adequacy and Periodic Review Checklist. (Task 5.F). Upload to EAGL.	

State of Washington Department of Ecology
 Agreement No: SEASMP-1719-DeMDS-00034
 Project Title: Shoreline Master Program – Periodic Review
 Recipient Name: City of Des Moines

Funding Distribution Summary

Recipient / Ecology Share

Funding Distribution Name	Recipient Match %	Recipient Share	Ecology Share	Total
Environmental Legacy Stewardship Account (ELSA)	0.00 %	\$ 0.00	\$ 20,000.00	\$ 20,000.00
Total		\$ 0.00	\$ 20,000.00	\$ 20,000.00

AGREEMENT SPECIFIC TERMS AND CONDITIONS

N/A

SPECIAL TERMS AND CONDITIONS

The RECIPIENT will negotiate the task deliverable due dates with ECOLOGY’s Project Manager.

The task deliverable due dates will be managed by and through the Deliverable Due Date form located on the Application Menu – Forms page in EAGL. (Note: This form does not automatically print out with the agreement).

The RECIPIENT will coordinate and keep track of these dates with ECOLOGY’s Project Manager and will note any changes on the quarterly progress reports.

GENERAL FEDERAL CONDITIONS

If a portion or all of the funds for this agreement are provided through federal funding sources or this agreement is used to match a federal grant award, the following terms and conditions apply to you.

A. CERTIFICATION REGARDING SUSPENSION, DEBARMENT, INELIGIBILITY OR VOLUNTARY EXCLUSION:

1. The RECIPIENT/CONTRACTOR, by signing this agreement, certifies that it is not suspended, debarred, proposed for debarment, declared ineligible or otherwise excluded from contracting with the federal government, or from receiving contracts paid for with federal funds. If the RECIPIENT/CONTRACTOR is unable to certify to the statements contained in the certification, they must provide an explanation as to why they cannot.
2. The RECIPIENT/CONTRACTOR shall provide immediate written notice to ECOLOGY if at any time the RECIPIENT/CONTRACTOR learns that its certification was erroneous when submitted or had become erroneous by reason of changed circumstances.
3. The terms covered transaction, debarred, suspended, ineligible, lower tier covered transaction, participant, person, primary covered transaction, principal, proposal, and voluntarily excluded, as used in this clause, have the meaning set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact ECOLOGY for assistance in obtaining a copy of those regulations.
4. The RECIPIENT/CONTRACTOR agrees it shall not knowingly enter into any lower tier covered transaction with a person who is proposed for debarment under the applicable Code of Federal Regulations, debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction.
5. The RECIPIENT/CONTRACTOR further agrees by signing this agreement, that it will include this clause titled

State of Washington Department of Ecology
 Agreement No: SEASMP-1719-DeMDS-00034
 Project Title: Shoreline Master Program – Periodic Review
 Recipient Name: City of Des Moines

GENERAL TERMS AND CONDITIONS

Pertaining to Grant and Loan Agreements With the state of Washington, Department of Ecology

GENERAL TERMS AND CONDITIONS AS OF LAST UPDATED 1/22/2018 VERSION

1. ADMINISTRATIVE REQUIREMENTS

- a) RECIPIENT shall follow the "Administrative Requirements for Recipients of Ecology Grants and Loans – EAGL Edition." (<https://fortress.wa.gov/ecy/publications/SummaryPages/1701004.html>)
- b) RECIPIENT shall complete all activities funded by this Agreement and be fully responsible for the proper management of all funds and resources made available under this Agreement.
- c) RECIPIENT agrees to take complete responsibility for all actions taken under this Agreement, including ensuring all subgrantees and contractors comply with the terms and conditions of this Agreement. ECOLOGY reserves the right to request proof of compliance by subgrantees and contractors.
- d) RECIPIENT's activities under this Agreement shall be subject to the review and approval by ECOLOGY for the extent and character of all work and services.

2. AMENDMENTS AND MODIFICATIONS

This Agreement may be altered, amended, or waived only by a written amendment executed by both parties. No subsequent modification(s) or amendment(s) of this Agreement will be of any force or effect unless in writing and signed by authorized representatives of both parties. ECOLOGY and the RECIPIENT may change their respective staff contacts and administrative information without the concurrence of either party.

3. ARCHAEOLOGICAL AND CULTURAL RESOURCES

RECIPIENT shall take reasonable action to avoid, minimize, or mitigate adverse effects to archeological and historic resources. The RECIPIENT must agree to hold harmless the State of Washington in relation to any claim related to historical or cultural artifacts discovered, disturbed, or damaged due to the RECIPIENT's project funded under this Agreement.

RECIPIENT shall:

- a) Contact the ECOLOGY Program issuing the grant or loan to discuss any Cultural Resources requirements for their project:
 - For capital construction projects or land acquisitions for capital construction projects, if required, comply with Governor Executive Order 05-05, Archaeology and Cultural Resources.
 - For projects with any federal involvement, if required, comply with the National Historic Preservation Act.
 - Any cultural resources federal or state requirements must be completed prior to the start of any work on the project site.
- b) If required by the ECOLOGY Program, submit an Inadvertent Discovery Plan (IDP) to ECOLOGY prior to implementing any project that involves ground disturbing activities. ECOLOGY will provide the IDP form.

RECIPIENT shall:

- Keep the IDP at the project site.
 - Make the IDP readily available to anyone working at the project site.
 - Discuss the IDP with staff and contractors working at the project site.
 - Implement the IDP when cultural resources or human remains are found at the project site.
- c) If any archeological or historic resources are found while conducting work under this Agreement:
 - Immediately stop work and notify the ECOLOGY Program, the Department of Archaeology and Historic Preservation at (360) 586-3064, any affected Tribe, and the local government.
 - d) If any human remains are found while conducting work under this Agreement:

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ECOLOGY shall have the right to immediately terminate for cause this Agreement as provided herein if the RECIPIENT fails to comply with above requirements.

If any provision of this Agreement violates any statute or rule of law of the state of Washington, it is considered modified to conform to that statute or rule of law.

8. CONFLICT OF INTEREST

RECIPIENT and ECOLOGY agree that any officer, member, agent, or employee, who exercises any function or responsibility in the review, approval, or carrying out of this Agreement, shall not have any personal or financial interest, direct or indirect, nor affect the interest of any corporation, partnership, or association in which he/she is a part, in this Agreement or the proceeds thereof.

9. CONTRACTING FOR GOODS AND SERVICES

RECIPIENT may contract to buy goods or services related to its performance under this Agreement. RECIPIENT shall award all contracts for construction, purchase of goods, equipment, services, and professional architectural and engineering services through a competitive process, if required by State law. RECIPIENT is required to follow procurement procedures that ensure legal, fair, and open competition.

RECIPIENT must have a standard procurement process or follow current state procurement procedures. RECIPIENT may be required to provide written certification that they have followed their standard procurement procedures and applicable state law in awarding contracts under this Agreement.

ECOLOGY reserves the right to inspect and request copies of all procurement documentation, and review procurement practices related to this Agreement. Any costs incurred as a result of procurement practices not in compliance with state procurement law or the RECIPIENT's normal procedures may be disallowed at ECOLOGY's sole discretion.

10. DISPUTES

When there is a dispute with regard to the extent and character of the work, or any other matter related to this Agreement the determination of ECOLOGY will govern, although the RECIPIENT shall have the right to appeal decisions as provided for below:

- a) RECIPIENT notifies the funding program of an appeal request.
- b) Appeal request must be in writing and state the disputed issue(s).
- c) RECIPIENT has the opportunity to be heard and offer evidence in support of its appeal.
- d) ECOLOGY reviews the RECIPIENT's appeal.
- e) ECOLOGY sends a written answer within ten (10) business days, unless more time is needed, after concluding the review.

The decision of ECOLOGY from an appeal will be final and conclusive, unless within thirty (30) days from the date of such decision, the RECIPIENT furnishes to the Director of ECOLOGY a written appeal. The decision of the Director or duly authorized representative will be final and conclusive.

The parties agree that this dispute process will precede any action in a judicial or quasi-judicial tribunal.

Appeals of the Director's decision will be brought in the Superior Court of Thurston County. Review of the Director's decision will not be taken to Environmental and Land Use Hearings Office.

Pending final decision of a dispute, the RECIPIENT agrees to proceed diligently with the performance of this Agreement and in accordance with the decision rendered.

Nothing in this Agreement will be construed to limit the parties' choice of another mutually acceptable method, in addition to the dispute resolution procedure outlined above.

11. ENVIRONMENTAL DATA STANDARDS

- a) RECIPIENT shall prepare a Quality Assurance Project Plan (QAPP) for a project that collects or uses environmental measurement data. RECIPIENTS unsure about whether a QAPP is required for their project shall contact

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minority and women's businesses.

d) Use the services and assistance of the Washington State Office of Minority and Women's Business Enterprises (OMWBE) (866-208-1064) and the Office of Minority Business Enterprises of the U.S. Department of Commerce, as appropriate.

17. ORDER OF PRECEDENCE

In the event of inconsistency in this Agreement, unless otherwise provided herein, the inconsistency shall be resolved by giving precedence in the following order: (a) applicable federal and state statutes and regulations; (b) The Agreement; (c) Scope of Work; (d) Special Terms and Conditions; (e) Any provisions or terms incorporated herein by reference, including the "Administrative Requirements for Recipients of Ecology Grants and Loans"; and (f) the General Terms and Conditions.

18. PRESENTATION AND PROMOTIONAL MATERIALS

ECOLOGY reserves the right to approve RECIPIENT's communication documents and materials related to the fulfillment of this Agreement:

- a) If requested, RECIPIENT shall provide a draft copy to ECOLOGY for review and approval ten (10) business days prior to production and distribution.
- b) RECIPIENT shall include time for ECOLOGY's review and approval process in their project timeline.
- c) If requested, RECIPIENT shall provide ECOLOGY two (2) final copies and an electronic copy of any tangible products developed.

Copies include any printed materials, and all tangible products developed such as brochures, manuals, pamphlets, videos, audio tapes, CDs, curriculum, posters, media announcements, or gadgets with a message, such as a refrigerator magnet, and any online communications, such as web pages, blogs, and twitter campaigns. If it is not practical to provide a copy, then the RECIPIENT shall provide a description (photographs, drawings, printouts, etc.) that best represents the item.

Any communications intended for public distribution that uses ECOLOGY's logo shall comply with ECOLOGY's graphic requirements and any additional requirements specified in this Agreement. Before the use of ECOLOGY's logo contact ECOLOGY for guidelines.

RECIPIENT shall acknowledge in the communications that funding was provided by ECOLOGY.

19. PROGRESS REPORTING

- a) RECIPIENT must satisfactorily demonstrate the timely use of funds by submitting payment requests and progress reports to ECOLOGY. ECOLOGY reserves the right to amend or terminate this Agreement if the RECIPIENT does not document timely use of funds.
- b) RECIPIENT must submit a progress report with each payment request. Payment requests will not be processed without a progress report. ECOLOGY will define the elements and frequency of progress reports.
- c) RECIPIENT shall use ECOLOGY's provided progress report format.
- d) Quarterly progress reports will cover the periods from January 1 through March 31, April 1 through June 30, July 1 through September 30, and October 1 through December 31. Reports shall be submitted within thirty (30) days after the end of the quarter being reported.
- e) RECIPIENT must submit within thirty (30) days of the expiration date of the project, unless an extension has been approved by ECOLOGY, all financial, performance, and other reports required by the agreement and funding program guidelines. RECIPIENT shall use the ECOLOGY provided closeout report format.

20. PROPERTY RIGHTS

- a) Copyrights and Patents. When the RECIPIENT creates any copyrightable materials or invents any patentable property under this Agreement, the RECIPIENT may copyright or patent the same but ECOLOGY retains a royalty free, nonexclusive, and irrevocable license to reproduce, publish, recover, or otherwise use the material(s) or property, and to

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this Agreement and for at least three (3) years following grant or loan termination or dispute resolution hereunder. RECIPIENT shall provide right of access to ECOLOGY, or any other authorized representative, at all reasonable times, in order to monitor and evaluate performance, compliance, and any other conditions under this Agreement.

22. RECOVERY OF FUNDS

The right of the RECIPIENT to retain monies received as reimbursement payments is contingent upon satisfactory performance of this Agreement and completion of the work described in the Scope of Work.

All payments to the RECIPIENT are subject to approval and audit by ECOLOGY, and any unauthorized expenditure(s) or unallowable cost charged to this Agreement shall be refunded to ECOLOGY by the RECIPIENT.

RECIPIENT shall refund to ECOLOGY the full amount of any erroneous payment or overpayment under this Agreement.

RECIPIENT shall refund by check payable to ECOLOGY the amount of any such reduction of payments or repayments within thirty (30) days of a written notice. Interest will accrue at the rate of twelve percent (12%) per year from the time ECOLOGY demands repayment of funds.

Any property acquired under this Agreement, at the option of ECOLOGY, may become ECOLOGY's property and the RECIPIENT's liability to repay monies will be reduced by an amount reflecting the fair value of such property.

23. SEVERABILITY

If any provision of this Agreement or any provision of any document incorporated by reference shall be held invalid, such invalidity shall not affect the other provisions of this Agreement which can be given effect without the invalid provision, and to this end the provisions of this Agreement are declared to be severable.

24. STATE ENVIRONMENTAL POLICY ACT (SEPA)

RECIPIENT must demonstrate to ECOLOGY's satisfaction that compliance with the requirements of the State Environmental Policy Act (Chapter 43.21C RCW and Chapter 197-11 WAC) have been or will be met. Any reimbursements are subject to this provision.

25. SUSPENSION

When in the best interest of ECOLOGY, ECOLOGY may at any time, and without cause, suspend this Agreement or any portion thereof for a temporary period by written notice from ECOLOGY to the RECIPIENT. RECIPIENT shall resume performance on the next business day following the suspension period unless another day is specified by ECOLOGY.

26. SUSTAINABLE PRACTICES

In order to sustain Washington's natural resources and ecosystems, the RECIPIENT is fully encouraged to implement sustainable practices and to purchase environmentally preferable products under this Agreement.

- a) Sustainable practices may include such activities as: use of clean energy, use of double-sided printing, hosting low impact meetings, and setting up recycling and composting programs.
- b) Purchasing may include such items as: sustainably produced products and services, EPEAT registered computers and imaging equipment, independently certified green cleaning products, remanufactured toner cartridges, products with reduced packaging, office products that are refillable, rechargeable, and recyclable, and 100% post-consumer recycled paper.

For more suggestions visit ECOLOGY's web page: Green Purchasing, ,
<https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Sustainable-purchasing>.

27. TERMINATION

- a) For Cause

ECOLOGY may terminate for cause this Agreement with a seven (7) calendar days prior written notification to the

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completed on such documents and other materials.

Nothing contained herein shall preclude ECOLOGY from demanding repayment of all funds paid to the RECIPIENT in accordance with Recovery of Funds, identified herein.

28. THIRD PARTY BENEFICIARY

RECIPIENT shall ensure that in all subcontracts entered into by the RECIPIENT pursuant to this Agreement, the state of Washington is named as an express third party beneficiary of such subcontracts with full rights as such.

29. WAIVER

Waiver of a default or breach of any provision of this Agreement is not a waiver of any subsequent default or breach, and will not be construed as a modification of the terms of this Agreement unless stated as such in writing by the authorized representative of ECOLOGY.

A G E N D A I T E M

BUSINESS OF THE CITY COUNCIL City of Des Moines, WA

SUBJECT: Public Hearing:
Draft Ordinance Approving Federal Way Link
Extension (FWLE) Transit Way Agreement
(TWA), and Draft Resolution Approving FWLE
Development Agreement (DA)

ATTACHMENTS: None

FOR AGENDA OF: July 26, 2018

DEPT. OF ORIGIN: Community Development &
Public Works

DATE SUBMITTED: July 19, 2018

CLEARANCES:

Community Development SME

Public Works RBC

Marina N/A

Parks, Recreation & Senior Services N/A

CHIEF OPERATIONS OFFICER: DSS

Legal JG

Finance BAW

Police N/A

Courts N/A

APPROVED BY CITY MANAGER
FOR SUBMITTAL: [Signature]

Purpose and Recommendation:

The purpose of this agenda item is to open and then continue, to a date to be set by the Mayor, a Public Hearing to consider the Federal Way Link Extension (FWLE) Transit Way Agreement (TWA) and the FWLE Development Agreement (DA).

Motion:

Motion: "I move to continue the public hearing to consider the Federal Way Link Extension Transit Way and Development Agreements to a date to be set by the Mayor."

Background

The City has planned for the extension of the Link light rail transit (LRT) system through Des Moines, by including this Project in the City's Comprehensive Plan, for the past 20 years. In November 2008, central Puget Sound area voters approved Sound Transit 2 (ST2) including extension of the LRT system from SeaTac to the cities of Kent and Des Moines, and in November 2016, voters approved Sound Transit 3 (ST3) which included the extension of the LRT system to the City of Federal Way as part of the Federal Way Link Extension Project.

Public Hearing:

Draft Ordinance Approving the FWLE TWA and Draft Resolution Approving the FWLE DA

Page 2 of 2

The City has been working with Sound Transit (ST) for several years to negotiate the TWA and DA to address various project requirements and permitting processes that would provide certainty and predictability for the FWLE Project, such as use of completed Sound Transit Environmental documents and FTA mitigation requirements, establishing a consolidated permit process, amending and resolving technical code requirements that are impractical or infeasible, supporting and accommodating the LRT system in land use plans and development regulations.

A Public Hearing for July 26, 2018 was formally noticed on July 3, 2018, anticipating that the remaining open issues of negotiation would be resolved by the date the Council packet materials were to be distributed on Friday, July 20, 2018. Despite staff's best efforts, a few key details remain unresolved between Sound Transit and the City, and additional time is needed to resolve those issues before the Public Hearing can begin.

Sound Transit anticipates issuing the Request For Proposals (RPF) on September 7, 2018. Proposals will be due to Sound Transit in March 2019. Final Design and Construction of the FWLE project will begin in the summer of 2019. The City's TWA and DA, along with those of the three other corridor cities, will be provided to short-listed firms this fall.

Discussion:

At the Continued Public Hearing, the Council will be asked to approve Sound Transit's (ST) permanent location and use of facilities within the City's Rights-of-Way (ROW) and determine that ST's proposed FWLE Project is generally consistent with the City's development regulations; that the proposed Project conforms with the conditions of approval provided in DMMC 18.35.020; and to approve the FWLE Project as a permitted land use, pursuant to the City's Essential Public Facilities (EPF) Code (DMMC 18.255). To accomplish this the Council will be asked to enact an ordinance approving the Transit Way Agreement, and adopt a resolution approving the Development Agreement.

Recommendations/Conclusion:

Administration recommends that the City Council continue the noticed public hearing to a future date set by the Mayor.

Concurrence:

Community Development, Public Works, Legal and Finance Departments concur.

A G E N D A I T E M

BUSINESS OF THE CITY COUNCIL City of Des Moines, WA

SUBJECT: Discussion of 2019-2024 Capital Improvement Plan

ATTACHMENTS:

1. Draft Resolution No. 18-085
2. 2019-2024 Capital Improvement Plan.

FOR AGENDA OF: July 26, 2018

DEPT. OF ORIGIN: Finance

DATE SUBMITTED: July 19, 2018

CLEARANCES:

- Community Development _____
 Marina _____
 Parks, Recreation & Senior Services _____
 Public Works PBC

CHIEF OPERATIONS OFFICER: _____

- Legal MM
 Finance BAW
 Courts _____
 Police _____

APPROVED BY CITY MANAGER
 FOR SUBMITTAL: mm

Purpose and Recommendation

The purpose of this agenda item is for the City Council to adopt Draft Resolution 18-085 (Attachment 1) approving the City of Des Moines 2019-2024 Capital Improvement Plan (CIP) included as Attachment 2. The CIP has been discussed with the various Council Committees, and was presented on July 19, 2018 for Council review and direction.

Suggested Motion

“I move to adopt draft Resolution No. 18-085 approving the City of Des Moines 2019 – 2024 Capital Improvements Plan.”

Background

The projects shown in the 2019-2024 Capital Improvement Plan were discussed with the following council committees: Environmental Committee on June 14, 2018, the Municipal Facilities Committee on June 28, 2018 and the Transportation Committee on July 12, 2018.

The following summary of changes from the 2019-2024 CIP Draft to the 2019-2024 CIP Final were presented at the July 19, 2018 Council meeting and have been incorporated into Attachment 2:

Page #	Transportation Committee Changes
73	North Bulkhead Project - Project description and justification/benefits.
87	Arterial Traffic Calming - Increase total project budget by \$50,000 with \$10,000 in design and \$40,000 in construction in 2020. Increased funding from General Fund (Red Light Runner) by \$50,000 in 2020.
97	Downtown Alley Improvement - Project description.
101	S 223rd Walkway Improvements - Project description.
103	16th Ave – Seg 5A - Increase estimated cost of design by \$150,000 with a matching funding increase from Traffic in-Lieu.
105	North Hill Elementary Walkway Improvements - Project description and justification/benefits.
109	DMMD & S 200th Street Signal Improvements - Moved project from 2020 to 2019.
121	S 224th St Improvements - Project description. Increased estimated cost of construction by \$150,000. Added a new \$150,000 funding source from Private Contributions (Sound Transit).
	Staff Changes Due to Funding & Timing Constraints
23	Founders' Lodge Improvements - Change in funding source.
73	North Bulkhead Project Changes: - Change in funding sources and funding timing.
95	24th Ave Sidewalk (223rd – Kent Des Moines Rd) - Change in Funding Source. Increase total project budget by \$990,000 by adding project contingencies and increasing the estimated cost of construction.
99	Marine View Dr/South 240th St. Intersection Improvement - Reduced total project budget by \$35,000.
115	South 240th Street Improve – Seg 1 - Moved project from 2021 start date to 2022.
	Changes from Discussion at the July 19, 2018 City Council Meeting:
131	Tenant Restroom Replacement: Moved project from 2020 start date to 2019.
	Additional Staff Changes Due to Timing
61	Steven J Underwood (SJU) Park – Play - Add project to CIP. Originally estimated to be completed in 2018; project updated to reflect completion in 2019.
67	Mary Gay Park - Add project to CIP. Moved project from 2019 start date to 2018.

Alternatives

- 1) Council may adopt the plan as submitted.
- 2) Council may adopt the plan with revisions.

Recommendations or Conclusion

Staff recommends the City Council approve the 2019-2024 Capital Improvements Plan by adopting Draft Resolution No. 18-085.

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CITY ATTORNEY'S FIRST DRAFT 07/19/2018
CITY ATTORNEY'S SECOND DRAFT 07/26/2018

DRAFT RESOLUTION NO. 18-085

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DES MOINES, WASHINGTON, relating to capital improvements planning, adopting the 2019-2024 City of Des Moines Capital Improvements Plan, and superseding Resolution No. 1365.

WHEREAS, the City Council of the City of Des Moines adopted the 2018-2023 Capital Improvement Plan by Resolution No. 1365, and

WHEREAS, the City Council finds it to be in the public interest to adopt the 2019-2024 Capital Improvements Plan; now therefore,

THE CITY COUNCIL OF THE CITY OF DES MOINES RESOLVES AS FOLLOWS:

Sec. 1. The City of Des Moines Capital Improvements Plan 2019-2024 is adopted by reference, as a guide for future capital improvement projects and policies.

Sec. 2. The City Manager is directed to submit to the City Council, for approval or adoption, annual updates to the Des Moines Capital Improvements Plan at least once a year.

Sec. 3. The City Manager is directed to submit to the City Council, for approval or adoption, amendments to specific projects contained in the Capital Improvements Plan when any project exceeds or will exceed budgetary authorization.

Sec. 4. The City Manager is directed to submit to the City Council, for approval, significant changes to the scope of any project contained in the Capital Improvements Plan as adopted in this Resolution. Determinations regarding what constitutes a significant change in a CIP project shall rest with the City Manager, provided in all circumstances that the provisions of section 3 are enforced. Finally, three City Councilmembers may determine a significant change has occurred or is proposed to occur with respect to any project contained in the CIP, which determination shall bring the matter before the full City Council for approval or authorization.

Sec. 5. Any new capital project meeting the criteria for inclusion in the CIP shall not be authorized without review and amendment to the 2019-2024 Capital Improvement Plan by the City Council.

Resolution No. _____
Page 2 of 2

Sec. 6. Capital Improvements Plan projects identified in the Comprehensive Transportation Plan (CTP) as "Intersection and Roadway Capacity Improvement Projects" are eligible for funding by Transportation Impact Fees authorized under Ordinance No. 1322. Eligible projects shall be funded from Transportation Impact Fees, to the extent such funds are available, in the following priority order:

(1) Payment of debt service on bonds or loans for CTP-identified eligible projects.

(2) Reimbursement of past CIP transportation capital expenditures for CTP-identified eligible projects.

(3) Reimbursement of current CIP transportation capital expenditures for CTP-identified eligible projects.

(4) Use as matching funds required to obtain grants for CTP-identified eligible projects.

Sec. 7. Resolution No. 1365 is hereby superseded.

ADOPTED BY the City Council of the City of Des Moines, Washington this ____ day of July, 2018, and signed in authentication thereof this ____ day of July, 2018.

M A Y O R

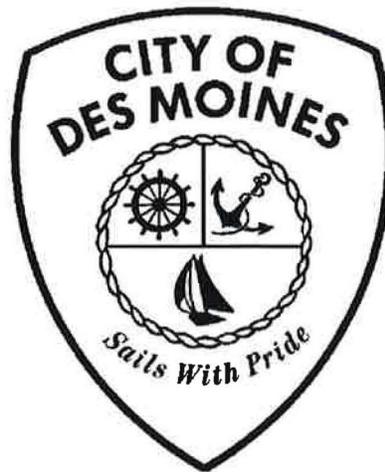
APPROVED AS TO FORM:

City Attorney

ATTEST:

City Clerk

7/26/18



2019-2024

CAPITAL IMPROVEMENTS PLAN

Resolution No. 18-085
Adopted by the City Council
on July 26, 2018

CITY OF DES MOINES
2019 – 2024
CAPITAL IMPROVEMENTS PLAN

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INTRODUCTION

This document is the City of Des Moines’s 2019-2024 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 2019-2024 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 2019-2024 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 certainty 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 those identified 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 Surface Water Management Utility completed its latest rate study in 2015. In November 2015 the City Council approved Ordinance No. 1627 adopting a five-year plan for rate increases as proposed by the Surface Water Management Utility Rate Study. The rate increase is a combination of an increase related to the CCI/CPI inflation index and a fixed rate increase after applying the CCI/CPI inflation index. In June 2017, the City Council approved Ordinance No. 1685 adopting increases in Marina rates effective July 1, 2017, and January 1 for each succeeding year through 2020.
- 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 Committee for Surface Water Management capital projects; Municipal Facilities Committee for Parks, Administrative and Maintenance Facilities, and Marina capital projects; Transportation Committee for Transportation capital projects) for review and prioritization based on the criteria contained in the Capital Project Criteria section.

6. *Adopt 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.

SUMMARY LISTING OF
PROJECT EXPENDITURES
AND FUNDING SOURCES

**CITY OF DES MOINES
CIP COSTS SUMMARY: 2019-2024
(Amounts in Thousands)**

Page #	Project Name	Total Budget	Project to Date 12/31/17	Sched Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2023	Plan Year 2024
GENERAL MUNICIPAL IMPROVEMENTS										
<u>Economic Development Projects</u>										
16	Redondo Paid Parking	350	-	-	50	300	-	-	-	-
	Total Econ Dev & Tourism	350	-	-	50	300	-	-	-	-
<u>Building Facility Projects</u>										
18	Building Access System	58	-	12	46	-	-	-	-	-
20	Police HVAC	277	-	-	277	-	-	-	-	-
22	Founders' Lodge Improvements	200	-	-	200	-	-	-	-	-
24	City Hall Heat Pumps	60	-	-	-	60	-	-	-	-
26	LED Exterior Lighting	34	-	-	-	34	-	-	-	-
28	Engineer Bldg Windows	25	-	-	-	25	-	-	-	-
30	PW Service Center Interior Painting	60	-	-	-	-	60	-	-	-
32	Field House Interior Paint	35	-	-	-	-	35	-	-	-
34	City Hall Canopy Repairs	55	-	-	-	-	-	55	-	-
36	Police Dept Storage Building	445	-	-	-	-	-	-	445	-
38	City Hall Parking Lot	360	-	-	-	-	-	-	360	-
40	Activity Center Irrigation/Landscape	65	-	-	-	-	-	-	65	-
42	Service Center Fueling Station Canopy	87	-	-	-	-	-	-	-	87
44	Service Center Material Storage Improvements	400	-	-	-	-	-	-	-	400
	Total Building Facilities	2,161	-	12	523	119	95	55	870	487
<u>Technology Projects</u>										
46	Financial System Replacement	252	-	-	72	180	-	-	-	-
	Total Technology	252	-	-	72	180	-	-	-	-
<u>Park Facility & Playground Projects</u>										
48	The Van Gasken Park	2,438	34	-	1,404	-	1,000	-	-	-
50	Kiddie Park Play Equipment City Park Improvements	227	4	23	200	-	-	-	-	-
52	Field House Play Equipment	194	3	-	-	191	-	-	-	-
54	Cecil Powell Play Equipment	103	3	-	-	10	90	-	-	-
56	Wooton Park	210	2	21	187	-	-	-	-	-
58	Westwood Play Equipment	104	2	13	89	-	-	-	-	-
60	SJU Play	479	5	454	20	-	-	-	-	-
62	DMBP Sun Home Lodge Rehab	638	-	66	-	572	-	-	-	-
64	Field House Play Field/Skate Park	187	-	-	187	-	-	-	-	-
66	Mary Gay Park	100	-	50	50	-	-	-	-	-
68	Beach Park Promenade & Play Equip	775	-	-	90	685	-	-	-	-
70	Marina Dynamic Messaging Signs	50	-	-	50	-	-	-	-	-
	Total City Wide Park Facilities	5,505	53	627	2,277	1,458	1,090	-	-	-
<u>Waterfront Facility Projects</u>										
72	North Bulkhead	8,430	15	1,377	2,928	4,110	-	-	-	-
74	N Lot Restrooms, Plazas & Promenade	856	-	106	750	-	-	-	-	-
76	Redondo Floats	110	-	-	110	-	-	-	-	-
78	Redondo Fishing Pier Replace Decking	235	-	-	10	225	-	-	-	-
80	Redondo Restroom & Plaza	400	-	-	-	-	-	-	400	-
	Total Waterfront Facilities	10,031	15	1,483	3,798	4,335	-	-	400	-

**CITY OF DES MOINES
CIP COSTS SUMMARY: 2019-2024
(Amounts in Thousands)**

Page #	Project Name	Total Budget	Project to Date 12/31/17	Sched Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2023	Plan Year 2024
<u>Transportation - Operating Projects</u>										
82	Arterial Street Pavement Preservation	6,870	101	1,218	926	925	925	925	925	925
84	Sidewalk Program	137	17	20	20	20	20	20	20	-
86	Arterial Traffic Calming	201	-	151	-	50	-	-	-	-
88	Guardrail Program	75	-	-	25	25	-	25	-	-
	Total Transport - O&M Projects	7,283	118	1,389	971	1,020	945	970	945	925
<u>Transportation - Capital Projects</u>										
90	Barnes Creek Trail	4,875	905	210	50	50	190	480	896	2,094
92	South 216th - Segment 3	7,292	523	274	6,495	-	-	-	-	-
94	24th Ave Sidewalk (223rd - Kent Des Moines Rd)	5,712	67	-	500	75	5,070	-	-	-
96	Downtown Alley Improvement	541	-	257	284	-	-	-	-	-
98	Marine View Dr / South 240th St. Intersection Improvement	2,098	-	-	-	365	1,733	-	-	-
100	S 223rd Walkway Improvements	150	-	-	150	-	-	-	-	-
102	16th Ave - Seg 5A	279	-	-	279	-	-	-	-	-
104	North Hill Elementary Walkway Improvements	890	-	-	120	770	-	-	-	-
106	24th Ave/S. 208th St Intersection Improvements	540	-	-	60	480	-	-	-	-
108	DMMD & S 200th Street Signal Improvements	550	-	-	550	-	-	-	-	-
110	South 240th Street Improve - Seg 2	4,850	-	-	-	435	4,415	-	-	-
112	College Way	1,450	-	-	-	-	1,450	-	-	-
114	South 240th Street Improve - Seg 1	6,300	-	-	-	-	-	735	5,565	-
116	Redondo Area Street Improvements	70	-	-	-	-	70	-	-	-
118	Kent-Des Moines Rd - Seg 2	7,200	-	-	-	-	-	985	6,215	-
120	S 224th St Improvements	756	-	-	-	-	-	756	-	-
122	Puget Sound Gateway - SR509 Extension	500	-	-	-	-	-	500	-	-
124	30th Ave S Improvements - South Segments	4,485	-	-	-	-	-	-	385	4,100
	Total Transport - Capital Projects	48,538	1,495	741	8,488	2,175	12,928	3,456	13,061	6,194
	Total General Municipal Improvements	74,120	1,681	4,252	16,179	9,587	15,058	4,481	15,276	7,606
MARINA CAPITAL IMPROVEMENTS										
126	Dock Electrical Replacements	240	-	60	-	60	60	60	-	-
128	Fuel & Electrical Replacement	240	-	50	190	-	-	-	-	-
130	Tenant Restroom Replacement	380	-	-	-	50	330	-	-	-
132	Marina Dock Replacement	1,400	-	-	-	-	-	-	1,400	-
	Total Marina	2,260	-	110	190	110	390	60	1,400	-
SURFACE WATER MANAGEMENT CAPITAL										
134	Barnes Crk/Kent-Des Moines Rd Culvert	1,963	405	318	20	1,220	-	-	-	-
136	24th Ave Pipeline Replacement/Upgrade	861	28	25	64	-	-	744	-	-
138	216th/11th Ave Intersection Pipe Replacement	329	20	29	280	-	-	-	-	-
140	Deepdene Plat Outfall Replacement	410	1	185	224	-	-	-	-	-
142	Pond Safety Improvements	93	-	58	35	-	-	-	-	-
144	8th Ave (264th to 265th)	258	-	-	258	-	-	-	-	-
146	6th Ave/239th Pipe Replacement	257	-	-	257	-	-	-	-	-
148	14th Ave (268th to 272nd) Pipe Upgrade	478	-	-	94	384	-	-	-	-
150	N. Fork McSorley Ck Diversion	432	-	-	85	347	-	-	-	-
152	Soundview Dr./Redondo Beach Dr. Pipe Upgrade Project	205	-	-	45	160	-	-	-	-
154	Pipe Replacement Program	667	-	-	-	49	328	290	-	-
156	DMMD 208th to 212th Pipe Project	603	-	-	-	-	603	-	-	-
158	KDM /16th Avenue A Pipe Replacement	272	-	-	-	-	272	-	-	-
160	5th Ave/212th Street Pipe Upgrade	884	-	-	-	-	170	714	-	-
162	216th Pl/ Marine View Dr. Pipe Upgrade	324	-	-	-	-	-	324	-	-
164	KDM/16th Ave B Pipe Replacement	991	-	-	-	-	-	211	780	-
166	232nd Street (10th to 14th) Pipe Project	629	-	-	-	-	-	-	629	-
168	258th Street (13th Pl to 16th) Pipe Project	343	-	-	-	-	-	-	-	343
	Total Surface Water Mgmt	9,999	454	615	1,362	2,160	1,373	2,283	1,409	343
	TOTAL CITY WIDE	86,379	2,135	4,977	17,731	11,857	16,821	6,824	18,085	7,949

**CITY OF DES MOINES
CIP REVENUE SUMMARY: 2019-2024
(Amounts in Thousands)**

Page #	Project Name	Total Budget	Project to Date 12/31/17	Sched Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2023	Plan Year 2024
GENERAL MUNICIPAL IMPROVEMENTS										
<u><i>Economic Development Projects</i></u>										
16	Redondo Paid Parking	350	-	-	50	300	-	-	-	-
	Total Econ Dev & Tourism	350	-	-	50	300	-	-	-	-
<u><i>Building Facility Projects</i></u>										
18	Building Access System	58	-	12	46	-	-	-	-	-
20	Police HVAC	277	-	138	139	-	-	-	-	-
22	Founders' Lodge Improvements	200	-	-	200	-	-	-	-	-
24	City Hall Heat Pumps	60	-	-	-	60	-	-	-	-
26	LED Exterior Lighting	34	-	-	-	34	-	-	-	-
28	Engineer Bldg Windows	25	-	-	-	25	-	-	-	-
30	PW Service Center Interior Painting	60	-	-	-	-	60	-	-	-
32	Field House Interior Paint	35	-	-	-	-	35	-	-	-
34	City Hall Canopy Repairs	55	-	-	-	-	-	55	-	-
36	Police Dept Storage Building	445	-	-	-	-	-	-	445	-
38	City Hall Parking Lot	360	-	-	-	-	-	-	360	-
40	Activity Center Irrigation/Landscape	65	-	-	-	-	-	-	65	-
42	Service Center Fueling Station Canopy	87	-	-	-	-	-	-	-	87
44	Service Center Material Storage Improvements	400	-	-	-	-	-	-	-	400
	Total Building Facilities	2,161	-	150	385	119	95	55	870	487
<u><i>Technology Projects</i></u>										
46	Financial System Replacement	252	101	151	-	-	-	-	-	-
	Total Technology	252	101	151	-	-	-	-	-	-
<u><i>Park Facility & Playground Projects</i></u>										
48	The Van Gasken Park	2,438	34	186	1,218	-	1,000	-	-	-
50	Kiddie Park Play Equipment City Park Improvements	227	4	23	200	-	-	-	-	-
52	Field House Play Equipment	194	3	-	-	191	-	-	-	-
54	Cecil Powell Play Equipment	103	3	-	-	10	90	-	-	-
56	Wooton Park	210	2	21	187	-	-	-	-	-
58	Westwood Play Equipment	104	2	13	89	-	-	-	-	-
60	SJU Play	479	5	454	20	-	-	-	-	-
62	DMBP Sun Home Lodge Rehab	638	-	66	-	572	-	-	-	-
64	Field House Play Field/Skate Park	187	-	-	187	-	-	-	-	-
66	Mary Gay Park	100	-	50	50	-	-	-	-	-
68	Beach Park Promenade & Play Equip	775	-	-	90	685	-	-	-	-
70	Marina Dynamic Messaging Signs	50	-	-	50	-	-	-	-	-
	Total City Wide Park Facilities	5,505	53	813	2,091	1,458	1,090	-	-	-
<u><i>Waterfront Facility Projects</i></u>										
72	North Bulkhead	8,430	-	4,700	1,950	1,780	-	-	-	-
74	N Lot Restrooms, Plazas & Promenade	856	-	106	750	-	-	-	-	-
76	Redondo Floats	110	-	-	110	-	-	-	-	-
78	Redondo Fishing Pier Replace Decking	235	-	-	10	225	-	-	-	-
80	Redondo Restroom & Plaza	400	-	-	-	-	-	-	400	-
	Total Waterfront Facilities	10,031	-	4,806	2,820	2,005	-	-	400	-

**CITY OF DES MOINES
CIP REVENUE SUMMARY: 2019-2024**
(Amounts in Thousands)

Page #	Project Name	Total Budget	Project to Date 12/31/17	Sched Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2023	Plan Year 2024
<u>Transportation - Operating Projects</u>										
82	Arterial Street Pavement Preservation	7,618	1,193	875	925	925	925	925	925	925
84	Sidewalk Program	137	17	20	20	20	20	20	20	-
86	Arterial Traffic Calming	201	-	151	-	50	-	-	-	-
88	Guardrail Program	75	-	-	25	25	-	25	-	-
	Total Transport - O&M Projects	8,031	1,210	1,046	970	1,020	945	970	945	925
<u>Transportation - Capital Projects</u>										
90	Barnes Creek Trail	4,875	1,029	86	50	50	190	480	896	2,094
120	S 224th St Improvements	756	-	-	-	-	-	756	-	-
92	South 216th - Segment 3	7,292	523	272	6,497	-	-	-	-	-
94	24th Ave Sidewalk (223rd - Kent Des Moines Rd)	5,712	210	-	500	75	4,927	-	-	-
102	16th Ave - Seg 5A	279	129	150	-	-	-	-	-	-
96	Downtown Alley Improvement	541	-	435	106	-	-	-	-	-
122	Puget Sound Gateway - SR509 Extension	500	-	400	25	25	25	25	-	-
98	Marine View Dr / South 240th St. Intersection Improvement	2,098	-	-	-	365	1,733	-	-	-
100	S 223rd Walkway Improvements	150	-	-	150	-	-	-	-	-
104	North Hill Elementary Walkway Improvements	890	-	-	120	770	-	-	-	-
106	24th Ave/S. 208th St Intersection Improvements	540	-	-	60	480	-	-	-	-
110	South 240th Street Improve - Seg 2	4,850	-	-	-	635	4,215	-	-	-
108	DMMD & S 200th Street Signal Improvements	550	-	-	550	-	-	-	-	-
112	College Way	1,450	-	-	-	-	1,450	-	-	-
114	South 240th Street Improve - Seg 1	6,300	-	-	-	-	-	735	5,565	-
116	Redondo Area Street Improvements	70	-	-	-	-	70	-	-	-
118	Kent-Des Moines Rd - Seg 2	7,200	-	-	-	-	-	965	6,235	-
124	30th Ave S Improvements - South Segments	4,485	-	-	200	-	200	350	300	3,435
	Total Transport - Capital Projects	48,538	1,891	1,343	8,258	2,400	12,810	3,311	12,996	5,529
	Total General Municipal Improvements	74,868	3,154	8,158	14,574	7,302	14,940	4,336	15,211	6,941
MARINA CAPITAL IMPROVEMENTS										
126	Dock Electrical Replacements	240	-	60	-	60	60	60	-	-
128	Fuel & Electrical Replacement	240	-	50	190	-	-	-	-	-
130	Tenant Restroom Replacement	380	-	-	-	50	330	-	-	-
132	Marina Dock Replacement	1,400	200	200	200	200	200	200	200	-
	Total Marina	2,260	200	310	390	310	590	260	200	-
SURFACE WATER MANAGEMENT CAPITAL										
134	Barnes Crk/Kent-Des Moines Rd Culvert	1,963	405	318	20	1,220	-	-	-	-
136	24th Ave Pipeline Replacement/Upgrade	861	28	25	64	-	-	744	-	-
140	Deepdene Plat Outfall Replacement	410	1	185	224	-	-	-	-	-
138	216th/11th Ave Intersection Pipe Replacement	329	20	29	280	-	-	-	-	-
152	Soundview Dr./Redondo Beach Dr. Pipe Upgrade Project	205	-	-	45	160	-	-	-	-
142	Pond Safety Improvements	93	-	58	35	-	-	-	-	-
160	5th Ave/212th Street Pipe Upgrade	884	-	-	-	-	170	714	-	-
154	Pipe Replacement Program	667	-	-	-	49	328	290	-	-
150	N. Fork McSorley Ck Diversion	432	-	-	85	347	-	-	-	-
146	6th Ave/239th Pipe Replacement	257	-	-	257	-	-	-	-	-
148	14th Ave (268th to 272nd) Pipe Upgrade	478	-	-	94	384	-	-	-	-
162	216th Pl / Marine View Dr. Pipe Upgrade	324	-	-	-	-	-	324	-	-
158	KDM /16th Avenue A Pipe Replacement	272	-	-	-	-	272	-	-	-
156	DMMD 208th to 212th Pipe Project	603	-	-	-	-	603	-	-	-
144	8th Ave (264th to 265th)	258	-	-	258	-	-	-	-	-
164	KDM/16th Ave B Pipe Replacement	991	-	-	-	-	-	211	780	-
166	232nd Street (10th to 14th) Pipe Project	629	-	-	-	-	-	-	629	-
168	258th Street (13th Pl to 16th) Pipe Project	343	-	-	-	-	-	-	-	343
	Total Surface Water Mgmt	9,999	454	615	1,362	2,160	1,373	2,283	1,409	343
	TOTAL CITY WIDE	87,127	3,808	9,083	16,326	9,772	16,903	6,879	16,820	7,284

CITY OF DES MOINES
CIP REVENUE SOURCE SUMMARY: 2019-2024
 (Amounts in Thousands)

Page #	Project Name	Total Budget	Project to Date 12/31/17	Sched Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2023	Plan Year 2024
GENERAL FUND										
70	Marina Dynamic Messaging Signs	50	-	50	-	-	-	-	-	-
86	Arterial Traffic Calming	201	-	151	-	50	-	-	-	-
16	Redondo Paid Parking	350	-	-	50	300	-	-	-	-
72	North Bulkhead	1,000	-	1,000	-	-	-	-	-	-
96	Downtown Alley Improvement	393	-	393	-	-	-	-	-	-
	Total General Fund	1,994	-	1,594	50	350	-	-	-	-
FRANCHISE FEES										
82	Arterial Street Pavement Preservation	3,718	396	502	470	470	470	470	470	470
	Total Franchise Fee	3,718	396	502	470	470	470	470	470	470
COMPUTER REPLACEMENT FUND										
46	Financial System Replacement	192	71	121	-	-	-	-	-	-
	Total Computer Replacement Fund	192	71	121	-	-	-	-	-	-
REDONDO ZONE										
116	Redondo Area Street Improvements	70	-	-	-	-	70	-	-	-
	Total Redondo Zone Parking	70	-	-	-	-	70	-	-	-
AUTOMATED SPEED ENFORCE (ASE)										
94	24th Ave Sidewalk (223rd - Kent Des Moines Rd)	358	208	-	-	-	150	-	-	-
84	Sidewalk Program	137	17	20	20	20	20	20	20	-
100	S 223rd Walkway Improvements	150	-	-	150	-	-	-	-	-
104	North Hill Elementary Walkway Improvements	160	-	-	40	120	-	-	-	-
	Total ASE	805	225	20	210	140	170	20	20	-
TRANSPORTATION BENEFIT DISTRICT										
82	Arterial Street Pavement Preservation	3,900	797	373	455	455	455	455	455	455
	Total Transportation Benefit District	3,900	797	373	455	455	455	455	455	455
REET 1st QTR %										
90	Barnes Creek Trail	900	263	86	50	50	35	116	100	200
72	North Bulkhead	1,960	-	400	-	1,560	-	-	-	-
62	DMBP Sun Home Lodge Rehab	3	-	3	-	-	-	-	-	-
36	Police Dept Storage Building	445	-	-	-	-	-	-	445	-
38	City Hall Parking Lot	360	-	-	-	-	-	-	360	-
22	Founders' Lodge Improvements	200	-	-	200	-	-	-	-	-
	Total REET 1st Qtr %	3,868	263	489	250	1,610	35	116	905	200
REET - 2nd QTR %										
60	SJU Play	184	5	159	20	-	-	-	-	-
50	Kiddie Park Play Equipment City Park Improvements	27	4	23	-	-	-	-	-	-
56	Wooton Park	160	2	21	137	-	-	-	-	-
52	Field House Play Equipment	58	3	-	-	55	-	-	-	-
54	Cecil Powell Play Equipment	13	3	-	-	10	-	-	-	-
58	Westwood Play Equipment	104	2	13	89	-	-	-	-	-
74	N Lot Restrooms, Plazas & Promenade	356	-	106	250	-	-	-	-	-
88	Guardrail Program	75	-	-	25	25	-	25	-	-
78	Redondo Fishing Pier Replace Decking	77	-	-	10	67	-	-	-	-
76	Redondo Floats	40	-	-	40	-	-	-	-	-
80	Redondo Restroom & Plaza	200	-	-	-	-	-	-	200	-
	Total REET 2nd Qtr %	1,294	19	322	571	157	-	25	200	-

CITY OF DES MOINES
CIP REVENUE SOURCE SUMMARY: 2019-2024
 (Amounts in Thousands)

Page #	Project Name	Total Budget	Project to Date 12/31/17	Sched Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2023	Plan Year 2024
KING COUNTY PARK LEVY										
90	Barnes Creek Trail	287	287	-	-	-	-	-	-	-
	Total King County Park Levy	287	287	-	-	-	-	-	-	-
PARK IN LIEU										
68	Beach Park Promenade & Play Equip	380	-	-	90	290	-	-	-	-
48	The Van Gasken Park	758	34	-	224	-	500	-	-	-
66	Mary Gay Park	50	-	25	25	-	-	-	-	-
	Total Park in Lieu	1,188	34	25	339	290	500	-	-	-
ONE TIME REVENUE										
48	The Van Gasken Park	-	-	186	(186)	-	-	-	-	-
130	Tenant Restroom Replacement	380	-	-	-	50	330	-	-	-
66	Mary Gay Park	50	-	25	25	-	-	-	-	-
42	Service Center Fueling Station Canopy	87	-	-	-	-	-	-	-	87
44	Service Center Material Storage Improvements	200	-	-	-	-	-	-	-	200
74	N Lot Restrooms, Plazas & Promenade	500	-	-	500	-	-	-	-	-
96	Downtown Alley Improvement	148	-	42	106	-	-	-	-	-
122	Puget Sound Gateway - SR509 Extension	500	-	400	25	25	25	25	-	-
72	North Bulkhead	220	-	-	-	220	-	-	-	-
	Total One Time Revenue	2,085	-	653	470	295	355	25	-	287
TRAFFIC IN LIEU										
102	16th Ave - Seg 5A	279	129	150	-	-	-	-	-	-
98	Marine View Dr / South 240th St. Intersection Improvement	612	-	-	-	265	347	-	-	-
112	College Way	950	-	-	-	-	950	-	-	-
110	South 240th Street Improve - Seg 2	2,900	-	-	-	235	2,665	-	-	-
92	South 216th - Segment 3	1,500	-	-	1,500	-	-	-	-	-
106	24th Ave/S. 208th St Intersection Improvements	200	-	-	50	150	-	-	-	-
124	30th Ave S Improvements - South Segments	350	-	-	200	-	-	150	-	-
	Total Traffic in Lieu	6,791	129	150	1,750	650	3,962	150	-	-
TRANSPORTATION CIP FUND										
90	Barnes Creek Trail	68	68	-	-	-	-	-	-	-
	Total Transportation CIP Fund	68	68	-	-	-	-	-	-	-
TRAFFIC IMPACT CITY WIDE										
92	South 216th - Segment 3	1,916	242	152	1,522	-	-	-	-	-
94	24th Ave Sidewalk (223rd - Kent Des Moines Rd)	932	2	-	60	23	847	-	-	-
106	24th Ave/S. 208th St Intersection Improvements	210	-	-	10	200	-	-	-	-
112	College Way	500	-	-	-	-	500	-	-	-
90	Barnes Creek Trail	190	-	-	-	-	-	-	96	94
118	Kent-Des Moines Rd - Seg 2	330	-	-	-	-	-	330	-	-
108	DMMD & S 200th Street Signal Improvements	550	-	-	550	-	-	-	-	-
120	S 224th St Improvements	326	-	-	-	-	-	326	-	-
	Total Traffic Impact City Wide	4,954	244	152	2,142	223	1,347	656	96	94
TRAFFIC IMPACT PAC RIDGE										
120	S 224th St Improvements	280	-	-	-	-	-	280	-	-
124	30th Ave S Improvements - South Segments	850	-	-	-	-	200	200	300	150
	Total Traffic Impact Pac Ridge	1,130	-	-	-	-	200	480	300	150
MARINA REVENUES										
132	Marina Dock Replacement	1,400	200	200	200	200	200	200	200	-
126	Dock Electrical Replacements	240	-	60	-	60	60	60	-	-
128	Fuel & Electrical Replacement	240	-	50	190	-	-	-	-	-
46	Financial System Replacement	30	15	15	-	-	-	-	-	-
	Total Marina Revenues	1,910	215	325	390	260	260	260	200	-

CITY OF DES MOINES
CIP REVENUE SOURCE SUMMARY: 2019-2024

(Amounts in Thousands)

Page #	Project Name	Total Budget	Project to Date 12/31/17	Sched Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2023	Plan Year 2024
SURFACE WATER UTILITY										
134	Barnes Crk/Kent-Des Moines Rd Culvert	1,963	405	318	20	1,220	-	-	-	-
136	24th Ave Pipeline Replacement/Upgrade	861	28	25	64	-	-	744	-	-
140	Deepdene Plat Outfall Replacement	410	1	185	224	-	-	-	-	-
138	216th/11th Ave Intersection Pipe Replacement	329	20	29	280	-	-	-	-	-
152	Soundview Dr./Redondo Beach Dr. Pipe Upgrade Project	205	-	-	45	160	-	-	-	-
46	Financial System Replacement	30	15	15	-	-	-	-	-	-
44	Service Center Material Storage Improvements	100	-	-	-	-	-	-	-	100
142	Pond Safety Improvements	93	-	58	35	-	-	-	-	-
160	5th Ave/212th Street Pipe Upgrade	884	-	-	-	-	170	714	-	-
154	Pipe Replacement Program	667	-	-	-	49	328	290	-	-
150	N. Fork McSorley Ck Diversion	432	-	-	85	347	-	-	-	-
146	6th Ave/239th Pipe Replacement	257	-	-	257	-	-	-	-	-
148	14th Ave (268th to 272nd) Pipe Upgrade	478	-	-	94	384	-	-	-	-
162	216th Pl./ Marine View Dr. Pipe Upgrade	324	-	-	-	-	-	324	-	-
158	KDM/16th Avenue A Pipe Replacement	272	-	-	-	-	272	-	-	-
156	DMMD 208th to 212th Pipe Project	603	-	-	-	-	603	-	-	-
144	8th Ave (264th to 265th)	258	-	-	258	-	-	-	-	-
164	KDM/16th Ave B Pipe Replacement	991	-	-	-	-	-	211	780	-
166	232nd Street (10th to 14th) Pipe Project	629	-	-	-	-	-	-	629	-
94	24th Ave Sidewalk (223rd - Kent Des Moines Rd)	808	-	-	64	-	744	-	-	-
92	South 216th - Segment 3	279	-	-	279	-	-	-	-	-
168	258th Street (13th Pl to 16th) Pipe Project	343	-	-	-	-	-	-	-	343
	Total Surface Water Utility	11,216	469	630	1,705	2,160	2,117	2,283	1,409	443
FACILITY MAJOR MAINT/REPAIR										
20	Police HVAC	277	-	138	139	-	-	-	-	-
18	Building Access System	58	-	12	46	-	-	-	-	-
24	City Hall Heat Pumps	60	-	-	-	60	-	-	-	-
34	City Hall Canopy Repairs	55	-	-	-	-	-	55	-	-
26	LED Exterior Lighting	34	-	-	-	34	-	-	-	-
28	Engineer Bldg Windows	25	-	-	-	25	-	-	-	-
30	PW Service Center Interior Painting	60	-	-	-	-	60	-	-	-
32	Field House Interior Paint	35	-	-	-	-	35	-	-	-
40	Activity Center Irrigation/Landscape	65	-	-	-	-	-	-	65	-
44	Service Center Material Storage Improvements	100	-	-	-	-	-	-	-	100
	Total Facility Major Maint/Repair	769	-	150	185	119	95	55	65	100
LOCAL GRANTS										
90	Barnes Creek Trail	44	44	-	-	-	-	-	-	-
48	The Van Gasken Park	594	-	-	594	-	-	-	-	-
62	DMBP Sun Home Lodge Rehab	93	-	63	-	30	-	-	-	-
64	Field House Play Field/Skate Park	187	-	-	187	-	-	-	-	-
60	SJU Play	245	-	245	-	-	-	-	-	-
114	South 240th Street Improve - Seg 1	3,380	-	-	-	-	-	365	3,015	-
118	Kent-Des Moines Rd - Seg 2	3,620	-	-	-	-	-	635	2,985	-
	Total Local Grants	8,163	44	308	781	30	-	1,000	6,000	-

CITY OF DES MOINES
CIP REVENUE SOURCE SUMMARY: 2019-2024
(Amounts in Thousands)

Page #	Project Name	Total Budget	Project to Date 12/31/17	Sched Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2023	Plan Year 2024
STATE GRANTS (Includes: TIB, RCO, CTED, etc.)										
92	South 216th - Segment 3	3,157	281	120	2,756	-	-	-	-	-
72	North Bulkhead	1,950	-	-	1,950	-	-	-	-	-
48	The Van Gasken Park	1,086	-	-	586	-	500	-	-	-
98	Marine View Dr / South 240th St. Intersection Improvement	1,486	-	-	-	100	1,386	-	-	-
62	DMBP Sun Home Lodge Rehab	542	-	-	-	542	-	-	-	-
78	Redondo Fishing Pier Replace Decking	158	-	-	-	158	-	-	-	-
76	Redondo Floats	70	-	-	70	-	-	-	-	-
68	Beach Park Promenade & Play Equip	380	-	-	-	380	-	-	-	-
114	South 240th Street Improve - Seg 1	2,670	-	-	-	-	-	370	2,300	-
110	South 240th Street Improve - Seg 2	1,750	-	-	-	200	1,550	-	-	-
118	Kent-Des Moines Rd - Seg 2	3,000	-	-	-	-	-	-	3,000	-
80	Redondo Restroom & Plaza	200	-	-	-	-	-	-	200	-
94	24th Ave Sidewalk (223rd - Kent Des Moines Rd)	3,614	-	-	376	52	3,186	-	-	-
124	30th Ave S Improvements - South Segments	3,285	-	-	-	-	-	-	-	3,285
Total State Grants		23,348	281	120	5,738	1,432	6,622	370	5,500	3,285
FEDERAL GRANTS (Includes: STP, FMSIB, etc.)										
90	Barnes Creek Trail	3,386	367	-	-	-	155	364	700	1,800
50	Kiddie Park Play Equipment City Park Improvements	200	-	-	200	-	-	-	-	-
52	Field House Play Equipment	111	-	-	-	111	-	-	-	-
104	North Hill Elementary Walkway Improvements	730	-	-	80	650	-	-	-	-
Total Federal Grants		4,427	367	-	280	761	155	364	700	1,800
PRIVATE CONTRIBUTIONS										
54	Cecil Powell Play Equipment	90	-	-	-	-	90	-	-	-
56	Wooton Park	50	-	-	50	-	-	-	-	-
60	SJU Play	50	-	50	-	-	-	-	-	-
110	South 240th Street Improve - Seg 2	200	-	-	-	200	-	-	-	-
68	Beach Park Promenade & Play Equip	15	-	-	-	15	-	-	-	-
114	South 240th Street Improve - Seg 1	250	-	-	-	-	-	-	250	-
118	Kent-Des Moines Rd - Seg 2	250	-	-	-	-	-	-	250	-
92	South 216th - Segment 3	440	-	-	440	-	-	-	-	-
120	S 224th St Improvements	150	-	-	-	-	-	150	-	-
52	Field House Play Equipment	25	-	-	-	25	-	-	-	-
106	24th Ave/S. 208th St Intersection Improvements	130	-	-	-	130	-	-	-	-
Total Private Contributions		1,650	-	50	490	370	90	150	500	-
DEBT PROCEEDS										
72	North Bulkhead	3,300	-	3,300	-	-	-	-	-	-
Total Debt Proceeds		3,300	-	3,300	-	-	-	-	-	-
TOTAL REVENUE SOURCES		87,127	3,909	9,284	16,276	9,772	16,903	6,879	16,820	7,284

Redondo Paid Parking



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Redondo Paid Parking

Project # **319.611**

Summary Project Description:

CIP Category:

Waterfront Facility Project

Equip the Redondo parking lot with an automated pay parking system including gates, ticket dispensers, a pay station, on street pay and display, and neighborhood parking management.

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	50	50
Land & Right of Way	-	-	-
Construction	-	300	300
Contingency	200	(200)	-
Total Expenditures	200	150	350

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-		50					
-			300				
-	-	50	300	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
General Fund (One Time Revenues)	-	350	350
REET 1	200	(200)	-
Total Funding	200	150	350

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		50	300				
-	-	50	300	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Building Access System



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Building Access System

Project # **506.712**

Summary Project Description:

CIP Category:

Building Facility Project

Expand electronic building access system to include engineering building, parks fieldhouse, activity center, and public works service center. Add city hall court lobby entrance doors and council chamber doors.

Managing Department:

IT

Justification/Benefits:

Expanding the electronic system to all building will allow for better access control to buildings and negate the need for issuing keys to staff. It will also give us the capability of locking down building access in the event of an emergency.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	-	-
Land & Right of Way	-	-	-
Construction	55	(5)	50
Contingency	3	5	8
Total Expenditures	58	-	58

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	12	38	-	-	-	-	-
-	-	8	-	-	-	-	-
-	12	-46	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Facility Repair & Replace Fund	58	-	58
Total Funding	58	-	58

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	12	46	-	-	-	-	-
-	12	-46	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

CHIA						
<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Police HVAC



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Police HVAC

Project # **506**

Summary Project Description:

CIP Category:

Building Facility Project

Replacement of the Mechanical and HVAC Equipment in the Police Department Building. Nearly all of the mechanical equipment was installed in 1996 and has reached its useful life. This project is a replacement of the current assets and beyond "maintenance" activity.

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

The current HVAC equipment is requiring increased maintenance due to the age of the components. The combined costs for these items exceeds the typical maintenance thresholds on an annual basis.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	20	(10)	10
Land & Right of Way	-	-	-
Construction		267	267
Contingency	270	(270)	-
Total Expenditures	290	(13)	277

ANNUAL ALLOCATION							
<i>Project to Date 12/31/17</i>	<i>Scheduled Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>	<i>Plan Year 2023</i>	<i>Plan Year 2024</i>
-		10					
-		267					
-							
-		277					

<i>Funding Sources</i>	<i>Current</i>	<i>Requested</i>	<i>Total</i>
Facility Repair & Replace Fund	-	277	277
Total Funding	300	(23)	277

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
	138	139					
	138	139					

OPERATING IMPACT		
<i>Operating Impact</i>		<i>6 Year Total</i>
Revenue	-	-
Expenses	-	-
Net Impact	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Founders' Lodge Improvements



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Founders' Lodge Improvements

Project # **506**

Summary Project Description:

Repair siding and paint the outside of the Founders' Lodge, replace roof, and interior improvements.

CIP Category:

Building Facility Project

Managing Department:

Plan, Build & PW Admin

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	700	(700)	-
Land & Right of Way	-	-	-
Construction		200	200
Contingency	10,000	(10,000)	-
Total Expenditures	10,700	(10,500)	200

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-							
-		200					
-							
-	-	200	-	-	-	-	-

Funding Sources			
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 1	-	200	200
Total Funding	10,700	(10,500)	200

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		200					
-	-	200	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-							
-							
-	-	-	-	-	-	-	-

City Hall Heat Pumps



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

City Hall Heat Pumps

Project # **506**

Summary Project Description:

CIP Category:

Building Facility Project

Managing Department:

Public Works

Replace three (3) heat pumps currently serving the City Hall Buildings.

Justification/Benefits:

The existing three (3) heat pumps are nearing the end of the service life.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	-	-
Land & Right of Way	-	-	-
Construction		60	60
Contingency	-	-	-
Total Expenditures	-	60	60

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
			60				
-	-	-	60	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Facility Repair & Replace Fund	-	60	60
Total Funding	-	60	60

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
			60				
-	-	-	60	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

LED Exterior Lighting



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

LED Exterior Lighting

Project # **506**

Summary Project Description:			
Activity Center	\$4,000	SJU Park	\$2,100
PW Service Ctr \$	\$7,200		
City Hall	\$9,100		
PW Engineering	\$2,750		
Police	\$5,200		
Field House	\$3,500		

CIP Category: Building Facility Project
 Managing Department: Plan, Build & PW Admin

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

PROJECT SCOPE			
Expenditures	Current Budget	Requested Change	Total Budget
Design	-	1	1
Land & Right of Way	360	(360)	-
Construction		30	30
Contingency	-	3	3
Total Expenditures	360	(326)	34

ANNUAL ALLOCATION							
Project to Date	Scheduled Year	Plan Year					
12/31/17	2018	2019	2020	2021	2022	2023	2024
-			1				
-			30				
-			3				
-	-	-	34	-	-	-	-

Funding Sources	Current Budget	Requested Change	Total Budget
Facility Repair & Replace Fund	-	34	34
Total Funding	360	(326)	34

Project to Date	Scheduled Year	Plan Year					
12/31/17	2018	2019	2020	2021	2022	2023	2024
			34				
-	-	-	34	-	-	-	-

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

ANNUAL OPERATING IMPACT							
	2017	2019	2020	2021	2022	2023	2024
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Engineer Bldg Windows



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Engineer Bldg Windows

Project # **506**

Summary Project Description:

CIP Category: Building Facility Project
 Managing Department: Plan, Build & PW Admin

Replace upstairs windows and Information Systems' windows.

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	4	(4)	-
Land & Right of Way	-	-	-
Construction		25	25
Contingency	130	(130)	-
Total Expenditures	134	(109)	25

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-							
-			25				
-							
-	-	-	25	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Facility Repair & Replace Fund	-	25	25
Total Funding	134	(109)	25

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
			25				
-	-	-	25	-	-	-	-

OPERATING IMPACT		
<i>Operating Impact</i>	<i>\$0</i>	<i>6 Year Total</i>
Revenue	-	-
Expenses	-	-
Net Impact	-	-

ANNUAL OPERATING IMPACT							
<i>0</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

PW Service Center Interior Painting



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

PW Service Center Interior Painting

Project # **506**

Summary Project Description:

CIP Category:

Building Facility Project

Managing Department:

Plan, Build & PW Admin

Paint the interior of the PW Service Center.

Justification/Benefits:

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

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	-	-
Land & Right of Way	-	-	-
Construction		60	60
Contingency	268	(268)	-
Total Expenditures	268	(208)	60

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-							
-				60			
-				60			
-	-	-	-	60	-	-	-

FUNDING SOURCES			
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Facility Repair & Replace Fund	57	3	60
Total Funding	453	(393)	60

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
				60			
-	-	-	-	60	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-							
-							
-	-	-	-	-	-	-	-

Field House Interior Paint



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Field House Interior Paint

Project # **506**

Summary Project Description:

CIP Category:

Building Facility Project

Managing Department:

Plan, Build & PW Admin

Paint the inside of the Field House.

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	-	-
Land & Right of Way	-	-	-
Construction	-	35	35
Contingency	-	-	-
Total Expenditures	-	35	35

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
12/31/17	2018	2019	2020	2021	2022	2023	2024
-							
-				35			
-							
-				35			

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Facility Repair & Replace Fund	-	35	35
Total Funding	-	35	35

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
12/31/17	2018	2019	2020	2021	2022	2023	2024
				35			
-				35			

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	2018	2019	2020	2021	2022	2023	2024
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

City Hall Canopy Repairs



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

City Hall Canopy Repairs

Project # 506

Summary Project Description:

CIP Category:

Building Facility Project

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

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

The existing walkway canopy has structural defects in the wooden timbers.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	5	11	16
Land & Right of Way	200	(200)	-
Construction		34	34
Contingency	-	5	5
Total Expenditures	205	(150)	55

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
12/31/17	2018	2019	2020	2021	2022	2023	2024
-					16		
-							
-					34		
-					5		
-	-	-	-	-	55	-	-

Funding Sources			
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Facility Repair & Replace Fund	-	55	55
Total Funding	205	(150)	55

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
12/31/17	2018	2019	2020	2021	2022	2023	2024
					55		
-	-	-	-	-	55	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	2018	2019	2020	2021	2022	2023	2024
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Police Dept Storage Building



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Police Dept Storage Building

Project # **310**

Summary Project Description:
Construction of a new building behind the existing City Shop and Engineering offices to store property seized by police actions.

CIP Category:
Managing Department:

Building Facility Project
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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	60	60
Land & Right of Way	203	(203)	-
Construction		340	340
Contingency	1,041	(996)	45
Total Expenditures	1,244	(799)	445

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-						60	
-						340	
-						45	
-	-	-	-	-	-	445	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 1	-	445	445
Total Funding	1,344	(899)	445

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
						445	
-	-	-	-	-	-	445	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

City Hall Parking Lot



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

City Hall Parking Lot

Project # 310

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 as a part of the parking lot construction work.

CIP Category:

Building Facility Project

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

A design for these parking lots was completed in 2007. The results of the design were that an overlay 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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	30	30
Land & Right of Way	-	-	-
Construction		306	306
Contingency	120	(96)	24
Total Expenditures	120	240	360

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-						30	
-							
-						306	
-						24	
-	-	-	-	-	-	360	-

FUNDING SOURCES			
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 1	-	360	360
Total Funding	120	240	360

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
						360	
-	-	-	-	-	-	360	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Activity Center Irrigation/Landscape



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Activity Center Irrigation/Landscape

Project # **310**

Summary Project Description:

Irrigate and landscape the front lawn area between the building and South 216th Street

CIP Category:

Building Facility Project

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	9	9
Land & Right of Way	-	-	-
Construction	-	53	53
Contingency	-	3	3
Total Expenditures	-	65	65

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-						9	
-						53	
-						3	
-	-	-	-	-	-	65	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Facility Repair & Replace Fund	-	65	65
Total Funding	70	(5)	65

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
						65	
-	-	-	-	-	-	65	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Service Center Fueling Station Canopy



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Service Center Fueling Station Canopy

Project # **506**

Summary Project Description:

Construct canopy cover and concrete runoff improvements at service center fueling station.

CIP Category:

Building Facility Project

Managing Department:

Public Works

Justification/Benefits:

The Department of Ecology has required that the fueling station at the service center be covered as an element of the City's NPDES permit.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	10	10
Land & Right of Way	-	-	-
Construction		70	70
Contingency	-	7	7
Total Expenditures	-	87	87

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
							10
							70
							7
							87

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
One Time Sales/B&O Tax	-	87	87
Total Funding	-	87	87

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
							87
							87

OPERATING IMPACT		
<i>Operating Impact</i>		<i>6 Year Total</i>
Revenue	-	-
Expenses	-	-
Net Impact	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-	-	-	-	-	-	-

Service Center Material Storage Improvements



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Service Center Material Storage Improvements

Project # **506**

Summary Project Description:

Construct covered material storage bins with associated drainage facilities.

CIP Category:

Building Facility Project

Managing Department:

Public Works

Justification/Benefits:

The Department of Ecology has required the material storage areas in the service center to be covered as an element of the City's NPDES permit.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	40	40
Land & Right of Way	-	-	-
Construction	-	360	360
Contingency	-	-	-
Total Expenditures	-	400	400

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
							40
							360
							400

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
One Time Sales/B&O Tax	-	200	200
Surface Water Utility	-	100	100
Facility Repair & Replace Fund	-	100	100
Total Funding	-	400	400

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
							200
							100
							100
							400

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Financial System Replacement



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Financial System Replacement

Project # **310.514**

Summary Project Description:

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

CIP Category:

Technology Project

Managing Department:

Finance

Justification/Benefits:

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

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	-	-
Land & Right of Way	-	-	-
Construction	252	-	252
Contingency	-	-	-
Total Expenditures	252	-	252

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-							
-	-	72	180				
-							
-	-	72	180	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Computer Replacement Fund	192	-	192
Marina Rates	30	-	30
Surface Water Utility	30	-	30
Total Funding	252	-	252

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
71	121						
15	15						
15	15						
101	151	-	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

The Van Gasken Park



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

The Van Gasken Park

Project # **310.067**

Summary Project Description:

CIP Category: Parks Facility Project

Managing Department: Parks, Recr & Sr Services

Project will purchase a new City Park and make subsequent improvements to be determined.

Justification/Benefits: Open/Public park space is a highly valued asset for the City. Expanding the recreational and open space areas in the City is a high priority.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	50	50
Land & Right of Way	1,338	-	1,338
Construction		1,000	1,000
Contingency	-	50	50
Total Expenditures	1,338	1,100	2,438

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	-	50		-			
34	-	1,304		-			
				1,000			
		50		-			
34	-	1,404	-	1,000	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Park in-Lieu	551	207	758
One Time Sales/B&O Tax	77	(77)	-
Local Grants (County, etc.) (CFT)	600	(6)	594
State of Washington Grants (RCO)	109	977	1,086
Total Funding	1,337	1,101	2,438

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
34		224		500			
	186	(186)					
		594					
		586		500			
34	186	1,218	-	1,000	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Kiddie Park Play Equipment | City Park Improvements

(Kiddie Park)



(City Park)



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Kiddie Park Play Equipment|City Park Improvements

Project # **310.070**

Summary Project Description:

Replace play equipment to meet safety and ADA standards. New play equipment will be relocated to a more optimal location on kiddie park. Trail improvements for City Park.

CIP Category:

Park Facility Projects

Managing Department:

Parks, Recr. & Sr. Services

Justification/Benefits:

Kiddie Park was built in 1987. The play equipment is 30 years old and the location is not ADA accessible. It does not meet current safety and ADA requirements. This is a priority in the 2010 and 2016 Parks, Recreation and Senior Services Master Plans.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	27	-	27
Land & Right of Way	-	-	-
Construction	100	80	180
Contingency	11	9	20
Total Expenditures	138	89	227

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
4	23		-				
		180					
		20	-				
4	23	200	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 2	27	-	27
Federal Grants (CDBG)	111	89	200
Total Funding	138	89	227

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
4	23						
		200					
4	23	200	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Field House Play Equipment



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Field House Play Equipment

Project # **310.071**

Summary Project Description:

CIP Category:

Park Facility Projects

Replace a portion of the aging play structure. Park renovation will include ADA compliance. There is a companion project for the repair to the skate park and ballfield drainage.

Managing Department:

Parks, Recr & Sr Services

Justification/Benefits:

Replace a portion of the aging play structure for safety reasons. Field House Park was transferred to the city by King County in 1993. The portion of the play equipment currently on site was purchased by the Des Moines Rotary Club and installed at the Beach Park in 1996. Later it was removed and stored until repainted and reinstalled in 2008. Some of the equipment doesn't meet current Play Equipment safety and ADA standards and must be replaced.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	15	15
Land & Right of Way	-	-	-
Construction		164	164
Contingency	850	(835)	15
Total Expenditures	850	(656)	194

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
3			12				
-			164				
-			15				
3	-	-	191	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 2	-	58	58
Federal Grants	200	(89)	111
Private Contributions	-	25	25
Total Funding	850	(656)	194

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
3			55				
			111				
			25				
3	-	-	191	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Cecil Powell Play Equipment



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Cecil Powell Play Equipment

Project # **310**

Summary Project Description:

Replace the play structure that was removed for safety reasons due to age and deterioration. Park renovation will include ADA compliance, picnic table and bench replacement. Based on condition and remaining lifecycle, the Kompan ship play structure currently located at Field House Park may be relocated to Cecil Powell Park, reducing the amount of community contribution needed for improvements to this park for play equipment.

CIP Category:

Park Facility Projects

Managing Department:

Parks, Recr & Sr Services

Justification/Benefits:

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

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	13	13
Land & Right of Way	-	-	-
Construction	-	82	82
Contingency	-	8	8
Total Expenditures	-	103	103

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
3			10				
-				82			
-				8			
3	-	-	10	90	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 2	-	13	13
Private Contributions	-	90	90
Total Funding	-	103	103

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
3			10				
				90			
3	-	-	10	90	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Wooton Park



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Wooton Park

Project # **310.066**

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. The park's play equipment is over 25 years old, outdated and replacement parts are not available. The park was assessed as part of the 2010 and 2016 Master Plan updates. Findings identified that the play equipment needed replacement as soon as possible. The wooden gazebo and site furnishings need to be upgraded and the pathways need refurbishing as

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	23	23
Land & Right of Way	-	-	-
Construction		170	170
Contingency	1,410	(1,393)	17
Total Expenditures	1,410	(1,200)	210

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
2	21						
-		170					
-		17					
2	21	187	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 2	-	160	160
Private Contributions	-	50	50
Total Funding	1,410	(1,200)	210

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
2	21	137					
		50					
2	21	187	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Westwood Play Equipment



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Westwood Play Equipment

Project # **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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	55	(40)	15
Land & Right of Way	-	-	-
Construction		81	81
Contingency	360	(352)	8
Total Expenditures	415	(311)	104

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
2	13						
-							
-		81					
-		8					
2	13	89	-	-	-	-	-

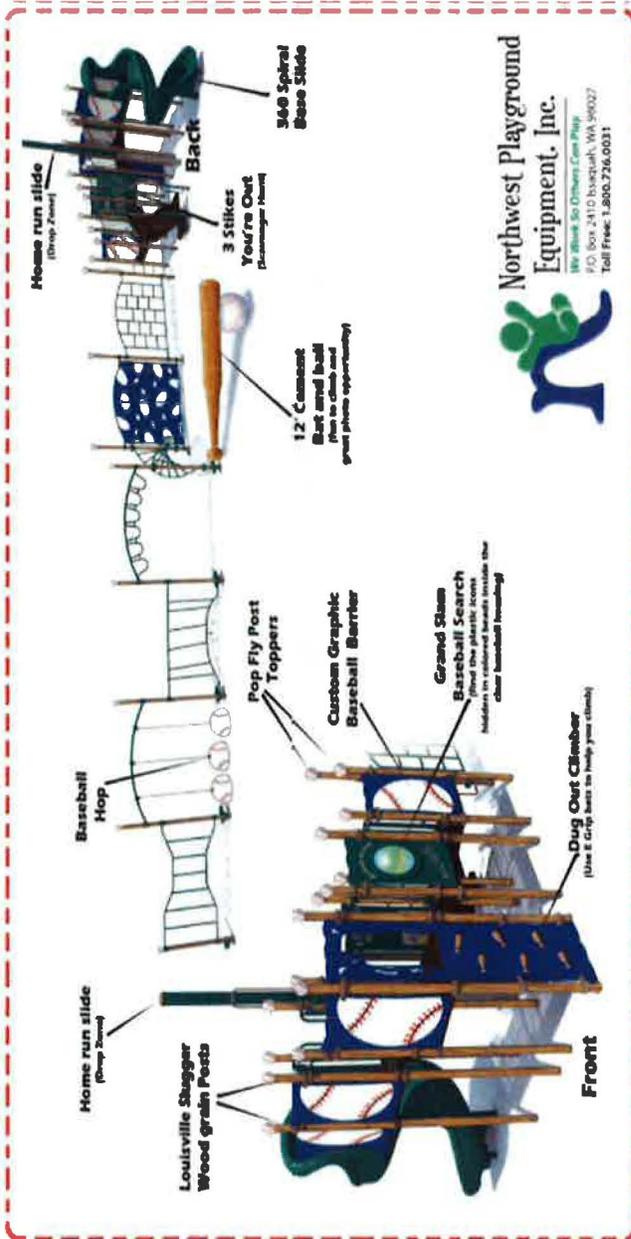
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 2	-	104	104
Total Funding	415	(311)	104

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
2	13	89					
2	13	89	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

SJU Play



Northwest Playground Equipment, Inc.



18000 36th Division Court
PO Box 2410 Belpash, WA 98027
Toll Free: 1.800.726.0031

**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

SJU Play

Project # **310**

Summary Project Description:
Install new "play for all" play equipment that will be ADA accessible.

CIP Category:

Park Facility Projects

Managing Department:

Parks, Recr & Sr Services

Justification/Benefits:

Steven J Underwood Park is a top priority Community Park which has heavy family use. The park is heavily used for youth sporting activities by families with children. A play area is included in the park's master plan due to the thousands of family visits to the park annually.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	37	37
Land & Right of Way	-	-	-
Construction	-	408	408
Contingency	-	34	34
Total Expenditures	-	479	479

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
5	32						
-	-						
-	408						
-	14	20					
5	454	20	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 2	-	184	184
Local Grants (County, etc.)	-	245	245
Private Contributions	-	50	50
Total Funding	1,400	(921)	479

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
5	159	20					
-	245						
-	50						
5	454	20	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

DMBP Sun Home Lodge Rehab



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

DMBP Sun Home Lodge Rehab

Project # **310.056**

Summary Project Description:

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.

CIP Category: Park Facility Projects

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

<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	66	-	66
Land & Right of Way	-	-	-
Construction	-	505	505
Contingency	-	67	67
Total Expenditures	66	572	638

ANNUAL ALLOCATION

<i>Project to Date</i> 12/31/17	<i>Scheduled Year</i> 2018	<i>Plan Year</i> 2019	<i>Plan Year</i> 2020	<i>Plan Year</i> 2021	<i>Plan Year</i> 2022	<i>Plan Year</i> 2023	<i>Plan Year</i> 2024
	66						
			505				
			67				
	66	-	572	-	-	-	-

Funding Sources

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 1	3	-	3
Local Grants (County, etc.)	63	30	93
State of Washington Grants (Unconfirmed)	-	542	542
Total Funding	66	572	638

<i>Project to Date</i> 12/31/17	<i>Scheduled Year</i> 2018	<i>Plan Year</i> 2019	<i>Plan Year</i> 2020	<i>Plan Year</i> 2021	<i>Plan Year</i> 2022	<i>Plan Year</i> 2023	<i>Plan Year</i> 2024
	3						
	63		30				
			542				
	66	-	572	-	-	-	-

OPERATING IMPACT

<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT

	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-

Field House Play Field/Skate Park



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Field House Play Field/Skate Park

Project # **310**

Summary Project Description:
Repair drainage in Field 1 and Field 2 outfields; repair Field 2 backstop fencing, repair worn concrete skate park edges with steel. Park renovation will include ADA compliance. This is a companion project for the play equipment replacement project.

CIP Category: Park Facility Projects
Managing Department: Parks, Recr & Sr Services

Justification/Benefits: Repair field drainage is needed for safe playing conditions. Poor drainage creates pools of mud and rutting as well as program rainouts. There are very few fields for baseball, softball and soccer in Des Moines. The skate park was built in 1996 and needs a facelift for continued use and skater safety. Funding for these projects would come from a King County Youth Sports Grant and CDBG Grant as match.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	13	13
Land & Right of Way	-	-	-
Construction		155	155
Contingency	-	19	19
Total Expenditures	-	187	187

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		13					
		155					
		19					
-	-	187	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Local Grants (County, etc.)	-	187	187
Total Funding	-	187	187

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		187					
-	-	187	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Mary Gay Park



103

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**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Mary Gay Park

Project # **310**

Summary Project Description:

CIP Category: Park Facility Projects
 Managing Department: Parks, Recr & Sr Services

Improvements to the house, barn, and sewer system serving the property.

Justification/Benefits: This property was recently donated to the City by the Bundy Estate to be a future park. Some initial improvements are necessary on the property.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	7	3	10
Land & Right of Way	-	-	-
Construction		80	80
Contingency	77	(67)	10
Total Expenditures	84	16	100

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	2	8					
		43	37				
	5	5					
	50	50	-	-	-	-	-

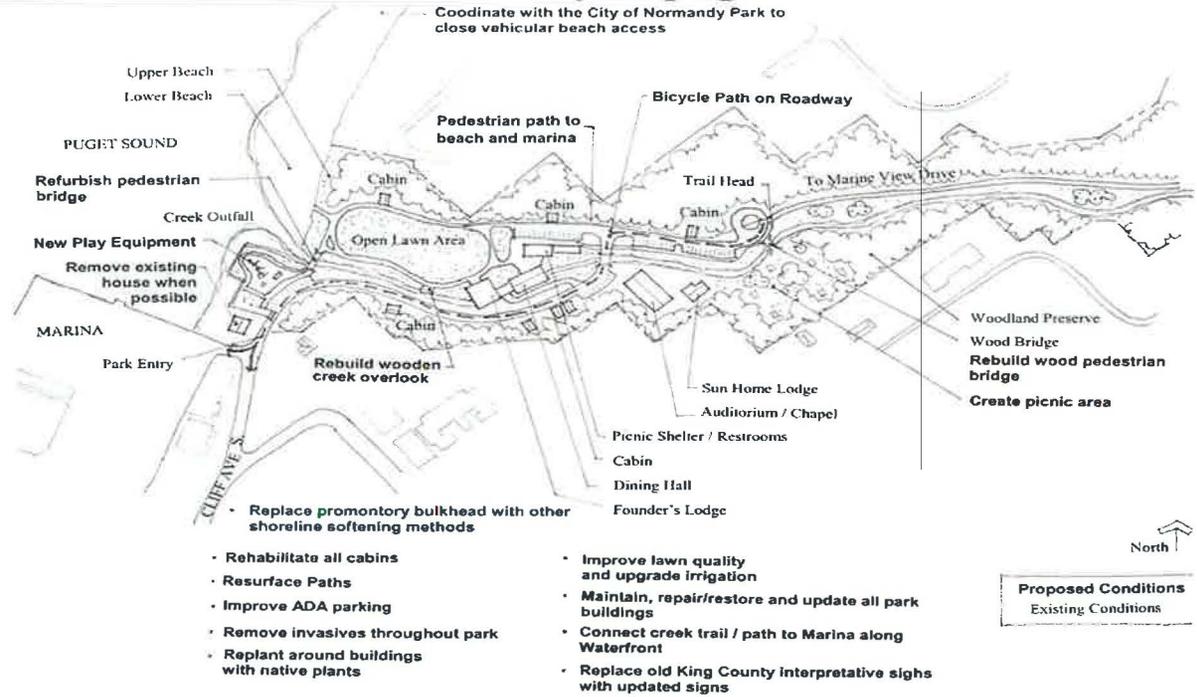
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Park in-Lieu	-	50	50
One Time Sales/B&O Tax	-	50	50
Total Funding	-	100	100

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	25	25					
	25	25					
	50	50	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Beach Park Promenade & Play Equip



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Beach Park Promenade & Play Equip

Project # **310**

Summary Project Description:

CIP Category:

Park Facility Projects

Construct play equipment or water feature at the Des Moines Beach Park. Project also includes possible improvements for a promenade once the utilization or disposition of the Wasson property is decided.

Managing Department:

Parks, Recr & Sr Services

Justification/Benefits:

Des Moines Beach Park was purchased with funds from the City, King County and State of Washington for park uses in perpetuity. The Park serves the region as one of 6 waterfront parks located on Puget Sound between Tacoma and Seattle. The park is visited by hundreds of thousands of visitors annually. This project was a number one project in the 2010 and 2016 Parks, Recreation and Senior Services Master Plans to provide enhanced public access to and enjoyment of the Puget Sound as identified in the 1988 Des Moines Beach Park Master Plan and subsequent Master Plans since that time. Play equipment installed in the meadow by the Rotary Club of Des Moines in 1996 was removed from the Beach Park in the 2000's due to multiple flooding events and the need to make infrastructure improvements, creek modifications and rehabilitate historic buildings.

PROJECT SCOPE				
106	Expenditures	Current Budget	Requested Change	Total Budget
	Design	-	90	90
	Land & Right of Way	-	-	-
	Construction		605	605
	Contingency	720	(640)	80
	Total Expenditures	720	55	775

ANNUAL ALLOCATION							
Project to Date	Scheduled Year	Plan Year					
12/31/17	2018	2019	2020	2021	2022	2023	2024
-		90					
-			605				
-			80				
-	-	90	685	-	-	-	-

Funding Sources	Current Budget	Requested Change	Total Budget
Park in-Lieu	-	380	380
State of Washington Grants (Unconfirmed)	-	380	380
Private Contributions	-	15	15
Total Funding	720	55	775

Project to Date	Scheduled Year	Plan Year					
12/31/17	2018	2019	2020	2021	2022	2023	2024
		90	290				
			380				
			15				
-	-	90	685	-	-	-	-

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

ANNUAL OPERATING IMPACT							
	2018	2019	2020	2021	2022	2023	2024
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Marina Dynamic Messaging Signs



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Marina Dynamic Messaging Signs

Project # **310.709**

Summary Project Description:

Marina Dynamic Messaging Signs. Two fixed signs to be placed at 6th & 223rd and 6th & 227

CIP Category: Marina Capital Improvements

Managing Department: Marina

Justification/Benefits:

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	3	-	3
Land & Right of Way	-	-	-
Construction	42	-	42
Contingency	5	-	5
Total Expenditures	50	-	50

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		3		-			
			42				
		5		-			
-	-	50	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
General Fund	50	-	50
Total Funding	50	-	50

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		50					
-	-	50	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

North Bulkhead



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

North Bulkhead

Project # **310.405**

Summary Project Description:

CIP Category:

Waterfront Facility Project

Managing Department:

Marina

Replace the north marina parking lot bulkhead and revetment to also include wider sidewalks and pedestrian amenities supporting multimodal emergency management operations, marina operations, and public land-water access.

Justification/Benefits:

Existing north marina bulkheads are experiencing structural deficiencies and have been damaged by storm activities which require periodic spot rebuilding. Replacing the bulkheads will provide long-term protection with lower maintenance costs. Public access to waterfront activities will also be improved from the north parking lot to the marina facilities and Beach Park.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	900	492	1,392
Land & Right of Way	-	-	-
Construction	4,300	2,238	6,538
Contingency	500	-	500
Total Expenditures	5,700	2,730	8,430

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
15	1,377						
-							
-		2,700	3,838				
-		228	272				
15	1,377	2,928	4,110	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
General Fund	1,500	(500)	1,000
REET 1	920	1,040	1,960
One Time Sales/B&O Tax	300	(80)	220
State of Washington Grants (Confirmed)	2,000	(50)	1,950
Debt Proceeds	980	2,320	3,300
Total Funding	5,700	2,730	8,430

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	1,000						
	400		1,560				
			220				
		1,950					
	3,300						
-	4,700	1,950	1,780	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

N Lot Restrooms, Plazas & Promenade



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

N Lot Restrooms, Plazas & Promenade

Project # **310.406**

Summary Project Description:

CIP Category:

Waterfront Facility Project

Demolish and replace exiting restroom in the north parking lot and create 10,000 square foot public plaza in the northwest corner of the parking lot. Add vertical extension to the bulkhead in front of the Wasson property and create an additional 1,800 square foot plaza. Includes 480ft of 8ft wide sidewalk to connect the two new plazas and the Beach Park. This is Project #3 on the Legislative capital support request.

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	114	(8)	106
Land & Right of Way	-	-	-
Construction	607	83	690
Contingency	29	31	60
Total Expenditures	750	106	856

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	106						
-		690					
-		60					
-	106	750	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 2	250	106	356
One Time Sales/B&O Tax	500	-	500
Total Funding	750	106	856

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	106	250					
		500					
-	106	750	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Redondo Floats



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Redondo Floats

Project # **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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	100	(100)	-
Land & Right of Way	-	-	-
Construction		100	100
Contingency	1,050	(1,040)	10
Total Expenditures	1,150	(1,040)	110

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-							
-							
-		100					
-		10					
-	-	110	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 2	-	40	40
State of Washington Grants (Unconfirmed)	-	70	70
Total Funding	1,150	(1,040)	110

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		40					
		70					
-	-	110	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Redondo Fishing Pier Replace Decking



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Redondo Fishing Pier Replace Decking

Project # **310**

Summary Project Description:

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

CIP Category:

Waterfront Facility Project

Managing Department:

Marina

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	429	(419)	10
Land & Right of Way	140	(140)	-
Construction		200	200
Contingency	1,625	(1,600)	25
Total Expenditures	2,194	(1,959)	235

ANNUAL ALLOCATION							
<i>Project to Date</i> 12/31/17	<i>Scheduled Year</i> 2018	<i>Plan Year</i> 2019	<i>Plan Year</i> 2020	<i>Plan Year</i> 2021	<i>Plan Year</i> 2022	<i>Plan Year</i> 2023	<i>Plan Year</i> 2024
-		10					
-			200				
-			25				
-	-	10	225	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 2	-	77	77
State of Washington Grants (Unconfirmed)	-	158	158
Total Funding	2,325	(2,090)	235

<i>Project to Date</i> 12/31/17	<i>Scheduled Year</i> 2018	<i>Plan Year</i> 2019	<i>Plan Year</i> 2020	<i>Plan Year</i> 2021	<i>Plan Year</i> 2022	<i>Plan Year</i> 2023	<i>Plan Year</i> 2024
		10	67				
			158				
-	-	10	225	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	2018	2019	2020	2021	2022	2023	2024
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Redondo Restroom & Plaza



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Redondo Restroom & Plaza

Project # **310**

Summary Project Description:

Demolish existing restroom and replace with smaller pre-fab structure across the street. Replace restroom foundation with surface similar to rest of plaza and add railings. \$250,000 for pre-fab restroom and \$150,000 for ground restoration.

CIP Category:

Waterfront Facility Project

Managing Department:

Marina

Justification/Benefits:

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

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	-	-
Land & Right of Way	-	-	-
Construction	-	400	400
Contingency	-	-	-
Total Expenditures	-	400	400

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-							
-						400	-
-							
-	-	-	-	-	-	400	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 2	-	200	200
State of Washington Grants (Unconfirmed)	-	200	200
Total Funding	-	400	400

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
						200	
						200	
-	-	-	-	-	-	400	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Arterial Street Pavement Preservation



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Arterial Street Pavement Preservation

Project # **102.102**

Summary Project Description:
Maintain and preserve the integrity of the City's existing roadway surfaces through a combination of pavement rehabilitation measures, such as chip seals, patches and overlays.

CIP Category: Transportation - Operating Project
Managing Department: Plan, Build & PW Admin

TOTAL EXPENDITURES DOES NOT EQUAL TOTAL FUNDING

Justification/Benefits: The City's Comprehensive Transportation Plan has identified the Pavement Management Program as a high priority. A major component of this program are pavement maintenance and rehabilitation projects. These projects are intended to protect and preserve the surface condition and help maintain the structural integrity of roadways. 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 bi-annually, if resources are available.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	65	438	503
Land & Right of Way		-	-
Construction	1,310	4,981	6,291
Contingency	1	75	76
Total Expenditures	1,376	5,494	6,870

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
83	60	60	60	60	60	60	60
-							
18	1,142	856	855	855	855	855	855
-	16	10	10	10	10	10	10
101	1,218	926	925	925	925	925	925

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Transportation Benefit District	797	3,103	3,900
Franchise Fees	405	3,313	3,718
Total Funding	797	3,103	7,618

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
797	373	455	455	455	455	455	455
396	502	470	470	470	470	470	470
1,193	875	925	925	925	925	925	925

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Sidewalk Program



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Sidewalk Program

Project # **101.205**

Summary Project Description:

CIP Category:

Transportation - Operating Project

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.

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

Provides safer pedestrian mobility and reduces liability to City from substandard sidewalks.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	3	12	15
Land & Right of Way	-	18	18
Construction	17	87	104
Contingency	-	-	-
Total Expenditures	20	117	137

ANNUAL ALLOCATION							
<i>Project to Date 12/31/17</i>	<i>Scheduled Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>	<i>Plan Year 2023</i>	<i>Plan Year 2024</i>
3	2	2	2	2	2	2	2
-						18	
14	18	18	18	18	18		
-							
17	20	20	20	20	20	20	20

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
ASE (Automatic Speed Enforcement) GF X-fer	20	117	137
Total Funding	20	117	137

<i>Project to Date 12/31/17</i>	<i>Scheduled Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>	<i>Plan Year 2023</i>	<i>Plan Year 2024</i>
17	20	20	20	20	20	20	20
17	20	20	20	20	20	20	20

OPERATING IMPACT		
<i>Operating Impact</i>		<i>6 Year Total</i>
Revenue	-	-
Expenses	-	-
Net Impact	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Arterial Traffic Calming



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Arterial Traffic Calming

Project # **319.619**

Summary Project Description:

CIP Category:
Managing Department:

Transportation - Capital Project
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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	10	10	20
Land & Right of Way	-	-	-
Construction	141	40	181
Contingency	-	-	-
Total Expenditures	151	50	201

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	10		10				
	141		40				
	-						
	151		50				

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
General Fund (Red Light Runner)	151	50	201
ASE (Automatic Speed Enforcement) GF X-fer	-	-	-
Total Funding	151	50	201

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	151		50				
	-						
	151		50				

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Guardrail Program



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Guardrail Program

Project # **101.305**

Summary Project Description:

CIP Category:

Transportation - Operating Project

Managing Department:

Plan, Build & PW Admin

Install new or replace outdated guardrail City wide.

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	2	4	6
Land & Right of Way	-	-	-
Construction	23	46	69
Contingency	-	-	-
Total Expenditures	25	50	75

ANNUAL ALLOCATION							
<i>Project to Date 12/31/17</i>	<i>Scheduled Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>	<i>Plan Year 2023</i>	<i>Plan Year 2024</i>
-		2	2		2		
-		23	23		23		
-							
-							
-	-	25	25	-	25	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 2	-	75	75
Total Funding	450	(375)	75

<i>Project to Date 12/31/17</i>	<i>Scheduled Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>	<i>Plan Year 2023</i>	<i>Plan Year 2024</i>
		25	25		25		
-	-	25	25	-	25	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Barnes Creek Trail



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Barnes Creek Trail

Project # **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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	982	199	1,181
Land & Right of Way	38	562	600
Construction		2,720	2,720
Contingency	74	300	374
Total Expenditures	1,094	3,781	4,875

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
831	210	50	50		40		
				180	420		
						816	1,904
74				10	20	80	190
905	210	50	50	190	480	896	2,094

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 1	317	583	900
King County Park Levy	288	(1)	287
Transportation CIP Fund	69	(1)	68
Traffic Impact Fees - City Wide	-	190	190
Local Grants (Unsecured)	44	-	44
Federal Grants	376	3,010	3,386
Total Funding	1,094	3,781	4,875

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
263	86	50	50	35	116	100	200
287							
68							
						96	94
44							
367				155	364	700	1,800
1,029	86	50	50	190	480	896	2,094

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

South 216th - Segment 3



City of Des Moines
South 216th Street - Segment 3
11th Avenue S to 19th Avenue S



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

South 216th - Segment 3

Project # 319.334

Summary Project Description:

CIP Category:

Transportation - Capital Project

Managing Department:

Plan, Build & PW Admin

Widen roadway to provide center turn lane, bike lanes, curb, gutter and sidewalks between 11th Ave South and 19th Avenue South.

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	630	7	637
Land & Right of Way	160	-	160
Construction	4,729	1,666	6,395
Contingency	410	(310)	100
Total Expenditures	5,929	1,363	7,292

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
523	114						
-	160						
-	-	6,395					
-	-	100					
523	274	6,495	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Traffic In Lieu	-	1,500	1,500
Traffic Impact Fees - City Wide	2,772	(856)	1,916
Surface Water Utility	-	279	279
State of Washington Grants	3,157	-	3,157
Private Contributions	-	440	440
Total Funding	6,029	1,263	7,292

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		1,500					
242	152	1,522					
		279					
281	120	2,756					
		440					
523	272	6,497	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

24th Ave Sidewalk (223rd - Kent Des Moines Rd)



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

24th Ave Sidewalk (223rd - Kent Des Moines Rd)

Project # 319.606

Summary Project Description:

Install a sidewalk on the east side of 24th Ave S from South 223rd Street to Kent Des Moines Rd. This project will be completed in conjunction with SWM's 24th Ave Pipeline Replacement project extending to South 227th Street.

CIP Category:

Transportation - Capital Project

Managing Department:

Plan, Build & PW Admin

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	600	(63)	537
Land & Right of Way	600	(535)	65
Construction		4,660	4,660
Contingency	8,600	(8,150)	450
Total Expenditures	9,800	(4,088)	5,712

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
12/31/17	2018	2019	2020	2021	2022	2023	2024
67		470					
			65				
				4,660			
		30	10	410			
67	-	500	75	5,070	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
ASE (Automatic Speed Enforcement) GF X-fer		358	358
REET 1	-	-	-
REET 2	-	-	-
Traffic Impact Fees - City Wide	50	882	932
Surface Water Utility	-	808	808
State of Washington Grants (Unconfirmed)	9,950	(6,336)	3,614
Total Funding	10,000	(4,288)	5,712

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
12/31/17	2018	2019	2020	2021	2022	2023	2024
208				150			
				-			
			60	23	847		
2			64	744			
		376	52	3,186			
210	-	500	75	4,927	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	2018	2019	2020	2021	2022	2023	2024
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Downtown Alley Improvement



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Downtown Alley Improvement

Project # **319.337**

Summary Project Description:

CIP Category:
Managing Department:

Transportation - Capital Project
Plan, Build & PW Admin

Project will underground general utilities, overlay alley between 223rd and 227th, provide for urban design features and elements to create a vibrant, pedestrian friendly corridor.

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	71	-	71
Land & Right of Way	-	-	-
Construction	445	(5)	440
Contingency	25	5	30
Total Expenditures	541	-	541

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	71						
	176	264					
	10	20					
	257	284	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
General Fund	393	-	393
One Time Sales/B&O Tax	42	106	148
Traffic in-Lieu	106	(106)	-
Total Funding	541	-	541

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	393						
	42	106					
	435	106	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Marine View Dr / South 240th St. Intersection Improvement



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Marine View Dr / South 240th St. Intersection Improvement

Project # 319.608

Summary Project Description:

CIP Category:

Transportation - Capital Project

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

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

The project will install an intersection improvement 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.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	18	147	165
Land & Right of Way	-	200	200
Construction		1,521	1,521
Contingency	360	(148)	212
Total Expenditures	378	1,720	2,098

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
			165				
-			200				
-				1,521			
-				212			
-	-	-	365	1,733	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Traffic in-Lieu	-	612	612
State of Washington Grants (Unconfirmed)	346	1,140	1,486
Total Funding	398	1,700	2,098

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
			265	347			
			100	1,386			
-	-	-	365	1,733	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

S 223rd Walkway Improvements



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

S 223rd Walkway Improvements

Project # **319.617**

Summary Project Description:

CIP Category:

Transportation - Capital Project

Managing Department:

Plan, Build & PW Admin

Installation of missing sidewalk on the north side 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.

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	26	(1)	25
Land & Right of Way	-	-	-
Construction		100	100
Contingency	18	7	25
Total Expenditures	44	106	150

ANNUAL ALLOCATION							
<i>Project to Date 12/31/17</i>	<i>Scheduled Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>	<i>Plan Year 2023</i>	<i>Plan Year 2024</i>
		25					
		100					
		25					
		150					

FUNDING SOURCES			
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
ASE (Automatic Speed Enforcement)	44	106	150
Total Funding	44	106	150

<i>Project to Date 12/31/17</i>	<i>Scheduled Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>	<i>Plan Year 2023</i>	<i>Plan Year 2024</i>
		150					
		150					

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

16th Ave - Seg 5A



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

16th Ave - Seg 5A

Project # 319.471

Summary Project Description:

South 272nd Street to approximately 1000 feet south of S 272nd Street. Install curbs, gutters, sidewalks, enclosed drainage system and bike lanes along both sides of the street. Improve existing lighting and install left turn lane. Cost estimates reflect overhead utilities. Undergrounding utilities would be a significant increase. This project coordinates with Segment 5B.

CIP Category:

Transportation - Capital Project

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	129	149	278
Land & Right of Way	-	-	-
Construction		-	-
Contingency	-	1	1
Total Expenditures	129	150	279

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-		278					
-							
-			1				
-	-	279	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Traffic in-Lieu	129	150	279
Total Funding	129	150	279

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
129	150						
129	150	-	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

North Hill Elementary Walkway Improvements



**CITY OF DES MOINES
2019 -2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

North Hill Elementary Walkway Improvements

Project # **319**

Summary Project Description:
Installation of approximately 800 linear feet of curbs, gutter, sidewalks, ADA curb ramps, bike lane, storm drainage, retaining walls and driver radar feedback signs on the north side of South 200th St from 8th Avenue South to 10th Place South.

CIP Category: Transportation
Managing Department: Public Works

Justification/Benefits: The proposed walkway improvements support the City's non-motorized priority identified within the City's Comprehensive Transportation Plan and Safe Routes to School Project Report. South 200th Street is a high pedestrian corridor serving the North Hill Public Schools.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	90	90
Land & Right of Way	-	20	20
Construction	-	700	700
Contingency	-	80	80
Total Expenditures	-	890	890

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		90					
		20					
			700				
		10	70				
		-	-	120	770	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
ASE (Automatic Speed Enforcement) GF X-fer		160	160
Federal Grants	-	730	730
Total Funding	3,210	(2,320)	890

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		40	120				
		80	650				
		-	-	120	770	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

24th Ave/S, 208th St Intersection Improvements

Project # 319.302

Summary Project Description:

Install traffic signal and crosswalk at the intersection of 24th Avenue South & South 208th Street.

CIP Category:

Managing Department:

Justification/Benefits:

Signal improvements at the intersection of 24th Avenue South & South 208th Street will change traffic orientations for vehicles and pedestrians. Given the level of the 24th/208th crossing, Des Moines Creek Business Park, and Seatac's Business Park. This project will be in partnership with Seatac.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	60	60
Land & Right of Way	-	-	-
Construction	-	450	450
Contingency	-	30	30
Total Expenditures	-	540	540

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	-	60					
			450				
			30				
	-	60	480	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Traffic in-Lieu	-	200	200
Traffic Impact Fees - City Wide	-	210	210
Private Contributions-Seatacs	-	130	130
Total Funding	-	540	540

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		50	150				
	-	10	200				
			130				
	-	60	480	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

DMMD & S 200th Street Signal Improvements



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

DMMD & S 200th Street Signal Improvements

Project # **319**

Summary Project Description:

CIP Category:

Transportation - Capital Project

Managing Department:

Plan, Build & PW Admin

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.

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	-	-
Land & Right of Way	-	-	-
Construction	-	550	550
Contingency	-	-	-
Total Expenditures	-	550	550

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-							
-		550					
-							
-		550	-	-	-	-	-

FUNDING SOURCES			
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Traffic Impact Fees - City Wide	-	550	550
Total Funding	-	550	550

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		550					
-	-	550	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

South 240th Street Improve - Seg 2

Project # 319

Summary Project Description:

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	335	335
Land & Right of Way	-	50	50
Construction		4,165	4,165
Contingency	160	140	300
Total Expenditures	160	4,690	4,850

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-			335				
-			50				
-				4,165			
-			50	250			
-	-	-	435	4,415	-	-	-

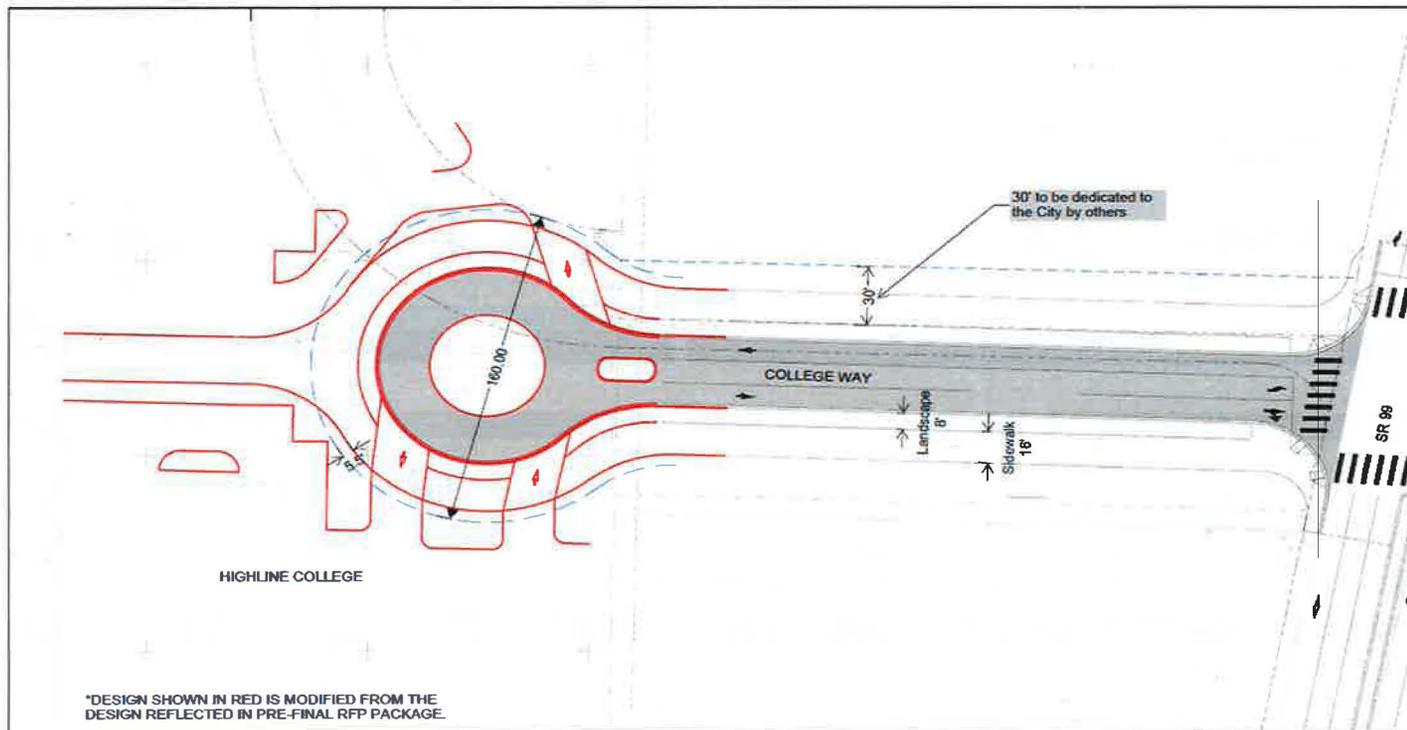
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Traffic in-Lieu	-	2,900	2,900
State of Washington Grants (Unconfirmed)	-	1,750	1,750
Private Contributions	-	200	200
Total Funding	160	4,690	4,850

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
			235	2,665			
			200	1,550			
			200				
-	-	-	635	4,215	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

College Way



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

College Way

Project # 319

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.

CIP Category:

Managing Department:

Justification/Benefits:

Capacity need for two-way traffic, pedestrian facilities and connection to future traffic signal at College and SR-99.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	72	128	200
Land & Right of Way	-	-	-
Construction		1,250	1,250
Contingency	3,135	(3,135)	-
Total Expenditures	3,207	(1,757)	1,450

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
				200			
				1,250			
				1,450			

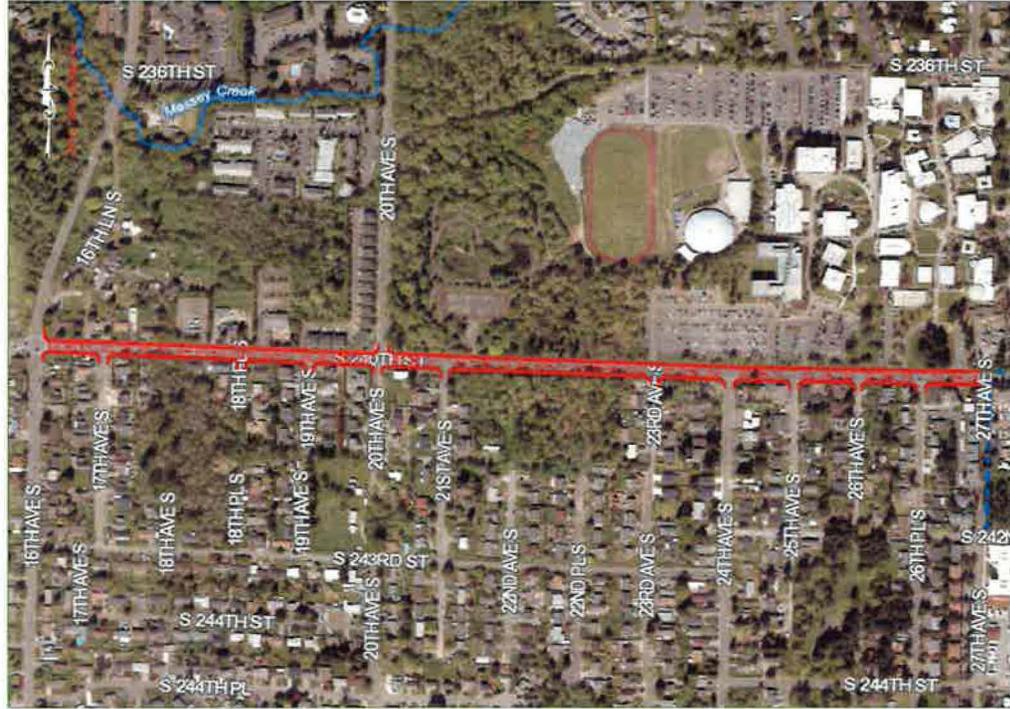
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Traffic in-Lieu (Highline College)	-	950	950
Traffic Impact Fees - City Wide	-	500	500
Total Funding	3,210	(1,760)	1,450

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
				950			
				500			
				1,450			

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

South 240th Street Improve - Seg 1



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

South 240th Street Improve - Seg 1

Project # **319**

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	30	405	435
Land & Right of Way	-	200	200
Construction		5,265	5,265
Contingency	220	180	400
Total Expenditures	250	6,050	6,300

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-					435		
-					200		
-						5,265	
-					100	300	
-	-	-	-	-	735	5,565	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Local Grants (County, etc.)	-	3,380	3,380
State of Washington Grants (Unconfirmed)	-	2,670	2,670
Private Contributions	-	250	250
Total Funding	250	6,050	6,300

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
					365	3,015	
					370	2,300	
						250	
-	-	-	-	-	735	5,565	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Redondo Area Street Improvements

Project # **319.610**

Summary Project Description:

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).

CIP Category:

Transportation - Capital Project

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	22	(12)	10
Land & Right of Way	-	-	-
Construction		60	60
Contingency	208	(208)	-
Total Expenditures	230	(160)	70

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-				10			
-				60			
-							
-	-	-	-	70	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Redondo Zone Parking	-	70	70
Total Funding	250	(180)	70

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
				70			
-	-	-	-	70	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Kent-Des Moines Rd - Seg 2



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Kent-Des Moines Rd - Seg 2

Project # **319**

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	15	470	485
Land & Right of Way	15	485	500
Construction		5,815	5,815
Contingency	200	200	400
Total Expenditures	230	6,970	7,200

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-					485		
-					500		
-						5,815	
-						400	
-	-	-	-	-	985	6,215	-

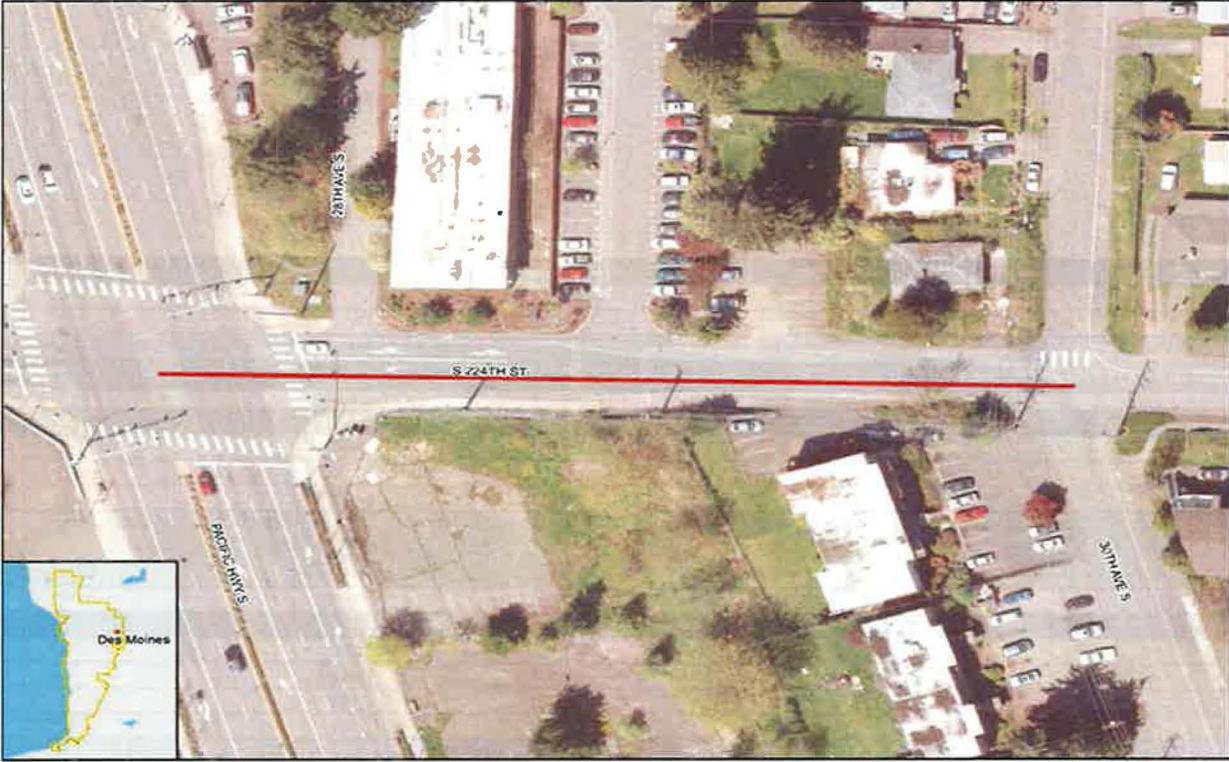
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Local Grants (County, etc.)	-	3,620	3,620
State of Washington Grants (Unconfirmed)	-	3,000	3,000
Private Contributions	-	250	250
Total Funding	237	6,963	7,200

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
					635	2,985	
						3,000	
						250	
-	-	-	-	-	965	6,235	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

S 224th St Improvements



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

S 224th St Improvements

Project # 319.336

Summary Project Description:

Improvements identified for South 224th Street are for a "Type A" street including curbs, gutters, wide sidewalks, bike lanes, and a cul-de-sac street end to the east. 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.

CIP Category:

Transportation - Capital Project

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			
Expenditures	Current Budget	Requested Change	Total Budget
Design	113	-	113
Land & Right of Way	35	-	35
Construction	401	151	552
Contingency	56	-	56
Total Expenditures	605	151	756

ANNUAL ALLOCATION							
Project to Date 12/31/17	Scheduled Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2023	Plan Year 2024
-	-	-	-	-	113	-	-
-	-	-	-	-	35	-	-
-	-	-	-	-	552	-	-
-	-	-	-	-	56	-	-
-	-	-	-	-	756	-	-

Funding Sources	Current Budget	Requested Change	Total Budget
Traffic Impact Fees - City Wide	326	-	326
Traffic Impact Fees - Pac Ridge	280	-	280
Private Contributions	-	150	150
Total Funding	606	150	756

Project to Date 12/31/17	Scheduled Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2023	Plan Year 2024
-	-	-	-	-	326	-	-
-	-	-	-	-	280	-	-
-	-	-	-	-	150	-	-
-	-	-	-	-	756	-	-

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

ANNUAL OPERATING IMPACT							
	2018	2019	2020	2021	2022	2023	2024
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Puget Sound Gateway - SR509 Extension



30th Ave S Improvements - South Segments



**CITY OF DES MOINES
2019 -2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

30th Ave S Improvements - South Segments

Project # **319**

Summary Project Description:

Roadway improvements to include full roadway reconstruction, bike lanes, sidewalk, and parking between S 224th St and Kent-Des Moines Road.

CIP Category:

Transportation

Managing Department:

Public Works

Justification/Benefits:

The need for multimodal facilities the 30th Ave S is identified in the City's Comprehensive Transportation Plan and the Six Year Transportation Improvement Plan. 30th Ave S has numerous multi-family developments that generate pedestrian traffic along the corridor. This is only anticipated to increase with the planned Sound Transit Light Rail extension, new station, and redevelopment that could occur as a result.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	350	350
Land & Right of Way	-	-	-
Construction	-	4,000	4,000
Contingency	-	135	135
Total Expenditures	-	4,485	4,485

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
						350	
							4,000
						35	100
-	-	-	-	-	-	385	4,100

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Traffic in-Lieu	-	350	350
Traffic Impact Fees - Pac Ridge	-	850	850
State of Washington Grants (Unconfirmed)	-	3,285	3,285
Total Funding	3,210	1,275	4,485

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		200			150		
				200	200	300	150
							3,285
-	-	200	-	200	350	300	3,435

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-

Dock Electrical Replacements



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Dock Electrical Replacements

Project # **403.452**

Summary Project Description:

Install new shore power pedestals and distribution wiring on docks I,J,K and L.

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	100	(100)	-
Land & Right of Way	-	-	-
Construction	-	240	240
Contingency	2,000	(2,000)	-
Total Expenditures	2,100	(1,860)	240

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	60	0*	60	60	60	-	-
-	60	-	60	60	60	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Marina Rates	-	240	240
Total Funding	2,100	(1,860)	240

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	60	0*	60	60	60	-	-
-	60	-	60	60	60	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

*2019 activity is combined with the Fuel and Electricity Replacement project for better efficiency.

Fuel & Electrical Replacement



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Fuel & Electrical Replacement

Project # **403**

Summary Project Description:

Upgrades to the Marina Fuel delivery system, upgrades to the Guest Moorage Electrical System, and upgrades to the H dock electrical system.

CIP Category: Marina Capital Improvement

Managing Department: Marina

Justification/Benefits:

In April 2018 Council Authorized Staff to combine three small 2017 CIP projects and move into the 2018 CIP. Staff intends to combine the new project with Account #403.452.594 (Dock Electrical Replacement) with a budget of \$60K, upgrading both the Fuel system with the Guest Moorage Electrical system. After consulting industry experts, staff believes it would be more cost effective to replace the 20 year old Leak detection system (Veederroot) than repair it. This will cost more now, but save operating costs over time.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design		50	50
Land & Right of Way		-	-
Construction		150	150
Contingency		40	40
Total Expenditures	-	240	240

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	50						
		150					
		40					
-	50	190	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Marina Rates	-	240	240
Total Funding	-	240	240

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	50	190					
-	50	190	-	-	-	-	-

OPERATING IMPACT		
<i>Operating Impact</i>		<i>6 Year Total</i>
Revenue	-	-
Expenses	-	-
Net Impact	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Tenant Restroom Replacement



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Tenant Restroom Replacement

Project # **403**

Summary Project Description:

CIP Category:

Marina Capital Improvements

Managing Department:

Marina

Justification/Benefits:

<i>Summary Project Description:</i>	

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	50	50
Land & Right of Way	-	-	-
Construction	-	300	300
Contingency	-	30	30
Total Expenditures	-	380	380

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
			50				
				300			
				30			
			50	330			

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
One Time Sales & B&O Tax	-	380	380
Total Funding	-	380	380

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>				
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>
			50	330		
			50	330		

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Marina Dock Replacement



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Marina Dock Replacement

Project # **403.499**

Summary Project Description:
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.

CIP Category: Marina Capital Improvements
Managing Department: Marina

Justification/Benefits:

<i>PROJECT SCOPE</i>			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	-	-
Land & Right of Way	-	-	-
Construction	1,000	400	1,400
Contingency	-	-	-
Total Expenditures	1,000	400	1,400

<i>ANNUAL ALLOCATION</i>							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
						1,400	
-		-		-		1,400	-

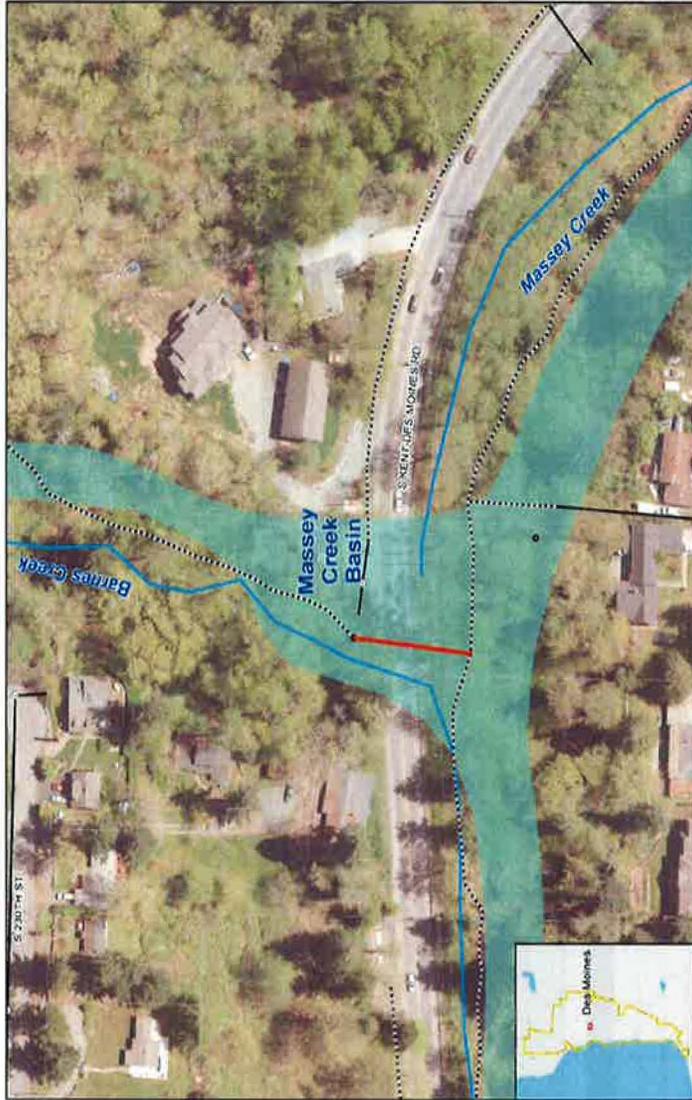
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Marina Rates	1,000	400	1,400
Total Funding	1,000	400	1,400

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
200	200	200	200	200	200	200	
200	200	200	200	200	200	200	-

<i>OPERATING IMPACT</i>		
<i>Operating Impact</i>		<i>6 Year Total</i>
Revenue	-	-
Expenses	-	-
Net Impact	-	-

<i>ANNUAL OPERATING IMPACT</i>							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Barnes Crk/Kent-Des Moines Rd Culvert



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Barnes Crk/Kent-Des Moines Rd Culvert

Project # **451.804**

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.

CIP Category:

Surface Water Mgmt

Managing Department:

Plan, Build & PW Admin

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	434	(62)	372
Land & Right of Way	-	20	20
Construction	952	85	1,037
Contingency	505	29	534
Total Expenditures	1,891	72	1,963

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
104	268						
		20					
17			1,020				
284	50		200				
405	318	20	1,220	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	1,891	72	1,963
Total Funding	1,891	72	1,963

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
405	318	20	1,220				
405	318	20	1,220	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

24th Ave Pipeline Replacement/Upgrade



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

24th Ave Pipeline Replacement/Upgrade

Project # 451.815

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.

CIP Category:

Surface Water Mgmt

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

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

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	43	59	102
Land & Right of Way	-	-	-
Construction	390	189	579
Contingency	123	57	180
Total Expenditures	556	305	861

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
28	25	49					
-					579		
-		15			165		
28	25	64	-	-	744	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	556	305	861
Total Funding	766	95	861

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
28	25	64			744		
28	25	64	-	-	744	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

216th/11th Ave Intersection Pipe Replacement



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

216th/11th Ave Intersection Pipe Replacement

Project # 451.831

Summary Project Description:

This project involves installing approximately 400 feet of 12-inch storm pipe and seven catch basins, removal of existing facilities (or abandonment in place filled with control density fill), and roadway restoration within the intersection area including trench patching, replacement of impacted curb, gutter, sidewalk, and pavement overlay).

CIP Category: Transportation - Capital Project

Managing Department: Plan, Build & PW Admin

Justification/Benefits: Following inspection of the drainage system in preparation for the design of the Gateway Segment 3 Project, it was discovered that the storm system within the intersection of 216th Street and 11th Avenue was in very poor shape with segments of the system crushed and other segments partially full of standing water and unable to flow properly. All new drainage is proposed within the intersection with the project constructed as a separate bid schedule to the Gateway Segment 3 Project.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	38	-	38
Land & Right of Way	-	-	
Construction	230	-	230
Contingency	60	1	61
Total Expenditures	328	1	329

ANNUAL ALLOCATION							
<i>Project to Date 12/31/17</i>	<i>Scheduled Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>	<i>Plan Year 2023</i>	<i>Plan Year 2024</i>
20	18						
		230					
	11	50					
20	29	280	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	328	1	329
Total Funding	328	1	329

<i>Project to Date 12/31/17</i>	<i>Scheduled Year 2018</i>	<i>Plan Year 2019</i>	<i>Plan Year 2020</i>	<i>Plan Year 2021</i>	<i>Plan Year 2022</i>	<i>Plan Year 2023</i>	<i>Plan Year 2024</i>
20	29	280					
20	29	280	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Deepdene Plat Outfall Replacement



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Deedene Plat Outfall Replacement

Project # **451.828**

Summary Project Description:

CIP Category:

Surface Water Mgmt

Managing Department:

Plan, Build & PW Admin

This project assumes the replacement of 300 linear feet of outfall pipe with outfall diffuser and dissapator pad, and installing 2 catch basins and 150 feet of 12-inch pipe with road restoration for redirecting flows from the west side of Marine View Drive to the east side of MVD to avoid the slide area.

Justification/Benefits:

In 2016, following heavy rains and shoreline erosion from high tides and strong waves, a landslide occurred at the base of the ravine adjacent to Puget Sound at 260th Street damaging the 8-inch storm pipe that serves the Deedene Plat as well as a short segment of Marine View Drive. This project assumes a full replacement of the existing storm outfall plastic (PVC) pipe that is buried with a more flexible and durable high-density polyethylene (HDPE) that is more appropriate for a slide area and can be placed above ground and anchored in a manner that protects the pipe if the earth shifts.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	89	77	166
Land & Right of Way	-	-	-
Construction	228	(4)	224
Contingency	93	(73)	20
Total Expenditures	410	-	410

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
1	165						
		224					
	20						
1	185	224	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	410	-	410
Total Funding	410	-	410

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
1	185	224					
1	185	224	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Pond Safety Improvements



179



179

**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Pond Safety Improvements

Project # **451.832**

Summary Project Description:

CIP Category:

Surface Water Mgmt

Managing Department:

Public Works

This project adds or replaces dilapidated wooden fencing with vinyl coated chainlink fencing at the following areas: Fence replacement for the entire pond located on Marine View Drive across from Taco Time; new fencing around the control panel and pump station adjacent to Taco Time; wooden fence replacement to the pond on 250th Street w/o 16th Ave.; wooden fence replacement to the ponds at 194th/5th and 193rd e/o 6th. A total of approximately 1,500 feet of fencing with gate assemblies.

Justification/Benefits:

Ponds that have wooden fencing bordering adjacent properties need to be replaced with more durable vinyl coated chainlink fencing that will last longer. Several of the ponds have fencing that have been damaged from high winds and need to be replaced. The Washington Cities Insurance Authority (WCIA) also recommends that ponds with permanent pools be contained with a 6-foot fence for safety. The newly built electrical control panel and pump station adjacent to Taco Time also needs to be enclosed with a fence for safety/security.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	-	-
Land & Right of Way	-	-	-
Construction	48	30	78
Contingency	10	5	15
Total Expenditures	58	35	93

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	48	30	-	-	-	-	-
-	10	5	-	-	-	-	-
-	58	35	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	58	35	93
Total Funding	58	35	93

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	58	35	-	-	-	-	-
-	58	35	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

8th Ave (264th to 265th)



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

8th Ave (264th to 265th)

Project # 451

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.

CIP Category:

Surface Water Mgmt

Managing Department:

Public Works

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	15	14	29
Land & Right of Way	-	-	-
Construction		200	200
Contingency	165	(136)	29
Total Expenditures	180	78	258

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		29					
		200					
		29					
		258					

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	-	258	258
Total Funding	190	68	258

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		258					
		258					

OPERATING IMPACT		
<i>Operating Impact</i>	<i>6 Year Total</i>	
Revenue	-	-
Expenses	-	-
Net Impact	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

6th Ave/239th Pipe Replacement



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

6th Ave/239th Pipe Replacement

Project # **451.833**

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	38	1	39
Land & Right of Way	-	-	-
Construction	156	3	159
Contingency	55	4	59
Total Expenditures	249	8	257

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-		39					
-			159				
-			59				
-	-	257	-	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	249	8	257
Total Funding	249	8	257

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		257					
-	-	257	-	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

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



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

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

Project # **451**

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.

CIP Category:

Surface Water Mgmt

Managing Department:

Plan, Build & PW Admin

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	94	94
Land & Right of Way	-	-	-
Construction	-	310	310
Contingency	190	(116)	74
Total Expenditures	190	288	478

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	94	-	-	-	-	-
-	-	-	310	-	-	-	-
-	-	-	74	-	-	-	-
-	-	94	384	-	-	-	-

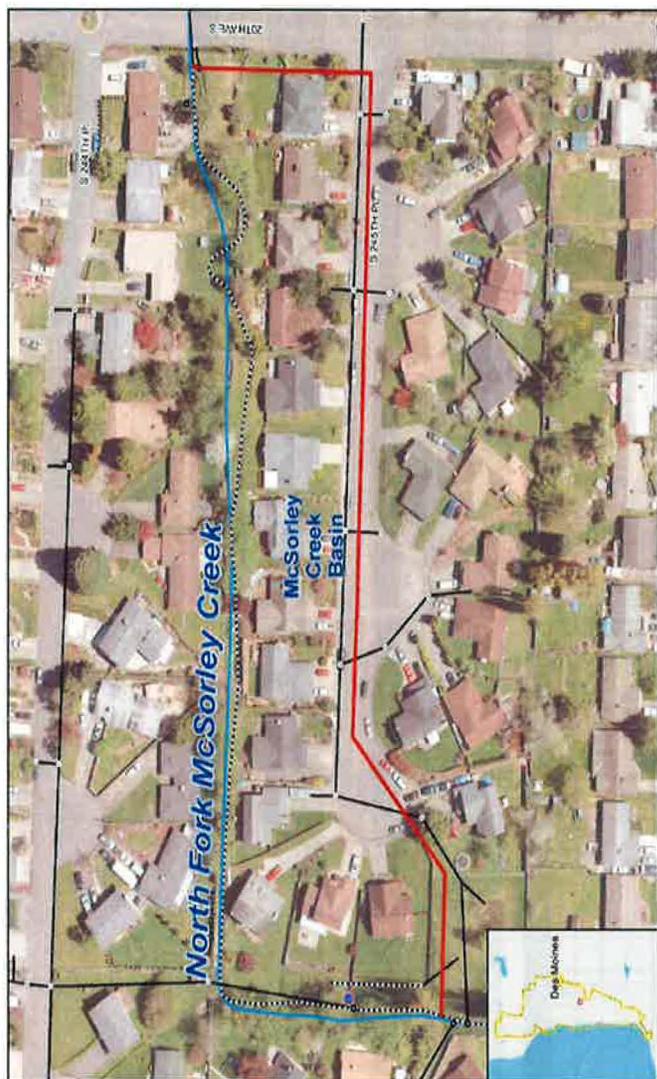
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	-	478	478
Total Funding	-	478	478

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	94	384	-	-	-	-
-	-	94	384	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

N. Fork McSorley Ck Diversion



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

N. Fork McSorley Ck Diversion

Project # **451**

Summary Project Description:

This project proposes to install a diversion structure on 20th Ave. S. between S. 244th Pl. and 245th Pl. From the diversion structure a new 24-in storm bypass pipe will be installed on the west side of 20th Avenue, turn west and follow the south side of 245th Pl and then to McSorley Creek. This project also includes pavement restoration, replacement of curb and gutter and minimal dredging of McSorley Creek and bank stabilization near the discharge point of the bypass pipe.

CIP Category:

Surface Water Mgmt

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	85	85
Land & Right of Way	-	-	-
Construction		281	281
Contingency	190	(124)	66
Total Expenditures	190	242	432

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-		85					
-			281				
-			66				
-	-	85	347	-	-	-	-

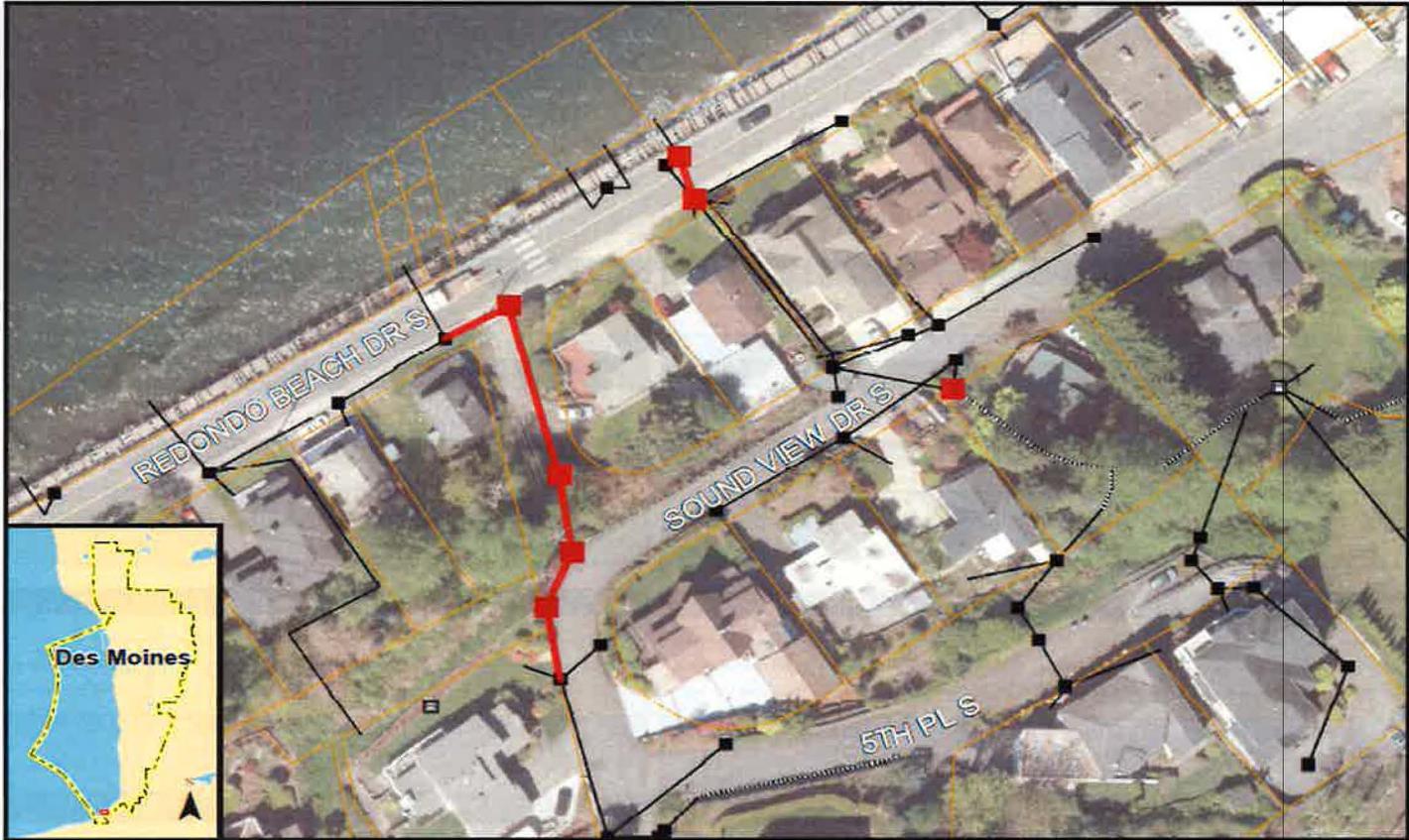
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	-	432	432
Total Funding	-	432	432

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		85	347				
-	-	85	347	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Soundview Dr./Redondo Beach Dr. Pipe Upgrade Project



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Soundview Dr./Redondo Beach Dr. Pipe Upgrade Project

Project # **451**

Summary Project Description:
Install 250 feet linear feet of 12-inch storm pipe between Soundview Drive and Redondo Beach Drive. Relocate approximately 30 feet of 24-inch concrete pipe at the tributary crossing below Redondo Beach Drive north of 287th Street and replace the creek trash rack structure at 28742 Soundview Drive. Project also includes installation of 5 catch basins and pavement restoration.

CIP Category: Surface Water Management
Managing Department: Public Works

Justification/Benefits:

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	35	35
Land & Right of Way	-	-	-
Construction		125	125
Contingency	-	45	45
Total Expenditures	-	205	205

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		35					
			125				
		10	35				
-	-	-45	160	-	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	-	205	205
Total Funding	-	205	205

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		45	160				
-	-	-45	160	-	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

Pipe Replacement Program



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Pipe Replacement Program

Project # **451.017**

Summary Project Description:

Replacement of existing pipes based on customer request and video based condition assessment. This program is scheduled to be finished in 2022.

CIP Category:

Surface Water Mgmt

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

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

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	76	76
Land & Right of Way	-	-	-
Construction		460	460
Contingency	190	(59)	131
Total Expenditures	190	477	667

ANNUAL ALLOCATION							
<i>Project to Date</i> 12/31/17	<i>Scheduled Year</i> 2018	<i>Plan Year</i> 2019	<i>Plan Year</i> 2020	<i>Plan Year</i> 2021	<i>Plan Year</i> 2022	<i>Plan Year</i> 2023	<i>Plan Year</i> 2024
-			38	38			
-				230	230		
-			11	60	60		
-	-	-	49	328	290	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	-	667	667
Total Funding	190	477	667

<i>Project to Date</i> 12/31/17	<i>Scheduled Year</i> 2018	<i>Plan Year</i> 2019	<i>Plan Year</i> 2020	<i>Plan Year</i> 2021	<i>Plan Year</i> 2022	<i>Plan Year</i> 2023	<i>Plan Year</i> 2024
			49	328	290		
-	-	-	49	328	290	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

DMMD 208th to 212th Pipe Project



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

DMMD 208th to 212th Pipe Project

Project # **451**

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.

CIP Category:

Surface Water Mgmt

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

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

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	119	119
Land & Right of Way	-	-	-
Construction		391	391
Contingency	190	(97)	93
Total Expenditures	190	413	603

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-				119			
-				391			
-				93			
-	-	-	-	603	-	-	-

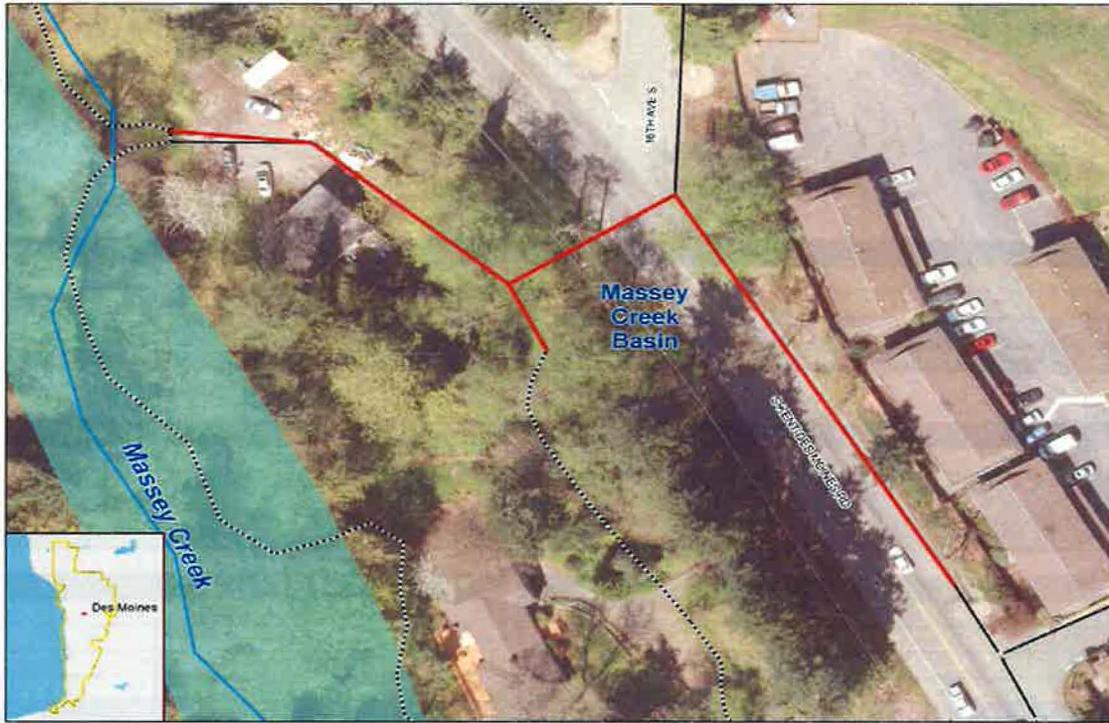
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	-	603	603
Total Funding	-	603	603

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
				603			
-	-	-	-	603	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

KDM /16th Avenue A Pipe Replacement



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

KDM /16th Avenue A Pipe Replacement

Project # **451**

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.

CIP Category:

Surface Water Mgmt

Managing Department:

Plan, Build & PW Admin

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	54	54
Land & Right of Way	-	-	-
Construction		176	176
Contingency	190	(148)	42
Total Expenditures	190	82	272

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-				54			
-				176			
-				42			
-	-	-	-	272	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	-	272	272
Total Funding	-	272	272

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
				272			
-	-	-	-	272	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	

5th Ave/212th Street Pipe Upgrade



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

5th Ave/212th Street Pipe Upgrade

Project # **451**

Summary Project Description:

Replacement of approximately 2,630 feet of cmp pipe with new 1,700 feet of 12-inch pipe and 930 feet of 18-inch pipe in the North Hill area in the vicinity of 212th Street and 5th Avenue South.

CIP Category:

Surface Water Mgmt

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 DMMD pipe upgrade installed in 2014. This project is identified as a high-priority project (CIP-16) in the 2015 Stormwater Comprehensive Plan.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	170	170
Land & Right of Way	-	-	-
Construction		578	578
Contingency	190	(54)	136
Total Expenditures	190	694	884

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-				170			
-					578		
-					136		
-	-	-	-	170	714	-	-

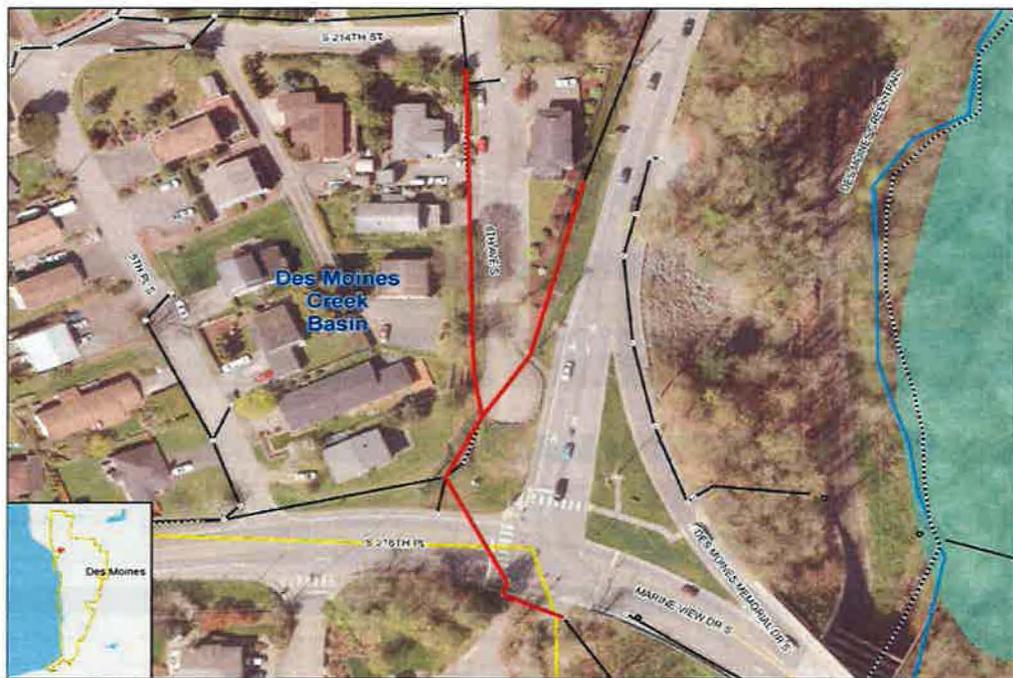
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	-	884	884
Total Funding	-	884	884

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
				170	714		
-	-	-	-	170	714	-	-

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

216th Pl./ Marine View Dr. Pipe Upgrade



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

216th Pl./ Marine View Dr. Pipe Upgrade

Project # **451**

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.

CIP Category:
Managing Department:

Surface Water Mgmt
Plan, Build & PW Admin

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 upsized 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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	64	64
Land & Right of Way	-	-	-
Construction	-	210	210
Contingency	190	(140)	50
Total Expenditures	190	134	324

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-					64		
-					210		
-					50		
-	-	-	-	-	324	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	-	324	324
Total Funding	-	324	324

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
					324		
-	-	-	-	-	324	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

KDM/16th Ave B Pipe Replacement



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

KDM/16th Ave B Pipe Replacement

Project # **451**

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.

CIP Category:

Surface Water Mgmt

Managing Department:

Plan, Build & PW Admin

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			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	25	151	176
Land & Right of Way	-	-	-
Construction		600	600
Contingency	275	(60)	215
Total Expenditures	300	691	991

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
					176		
						600	
					35	180	
					211	780	

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	-	991	991
Total Funding	-	991	991

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
					211	780	
					211	780	

OPERATING IMPACT		
<i>Operating Impact</i>		<i>6 Year Total</i>
Revenue	-	-
Expenses	-	-
Net Impact	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

232nd Street (10th to 14th) Pipe Project



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

232nd Street (10th to 14th) Pipe Project

Project # 451

Summary Project Description:

Install 2200-2300 linear feet of storm pipe along the north side of 232nd Street between 10th Avenue and 14th Avenue and along the east side of 10th Avenue between 232nd and Kent-Des Moines Road. Project also includes adding a 2-foot paved shoulder and curb on the north side of 232nd.

CIP Category:

Surface Water Management

Managing Department:

Public Works

Justification/Benefits:

The drainage along 232nd is comprised of a ditch with a series of driveway culverts. The slope of the existing drainage system is extremely shallow and slow to drain and during certain storm events, flows encroach into the east bound travel lane. This proposed project will add a new drainage system to the north side of the 232nd (with lateral crossings to the south side) and replace the existing 12-inch storm drain along the east side of 10th Avenue with a larger 18-inch pipe before discharging to Massey Creek.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	101	101
Land & Right of Way	-	-	-
Construction	-	431	431
Contingency	-	97	97
Total Expenditures	-	629	629

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
						101	
						431	
						97	
-	-	-	-	-	-	629	-

FUNDING SOURCES			
<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	-	629	629
Total Funding	-	629	629

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
						629	
-	-	-	-	-	-	629	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

258th Street (13th Pl to 16th) Pipe Project



**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

258th Street (13th Pl to 16th) Pipe Project

Project # **451**

Summary Project Description:

Replace roadside ditches along south side of S. 258th with approximately 960 feet of 18-inch pipe and 6 manholes. Drainage easements may be required for up to 12 properties, depending on pipe alignment.

CIP Category: Surface Water Management
 Managing Department: Public Works

Justification/Benefits: The drainage from 16th Avenue discharges into a steep poorly established channel located in the rear of several properties of the Providential Soundview Estates subdivision. This channel is experiencing severe erosion and frequently becomes blocked with debris causing localized flooding to adjacent and downstream properties. Additionally, the existing ditch system located on the south side of 258th Street is not sufficient to convey large storms. This project proposes to pipe the channel as well as pipe the ditch along S. 258th Street.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	68	68
Land & Right of Way	-	-	-
Construction	-	222	222
Contingency	-	53	53
Total Expenditures	-	343	343

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
							68
							222
							53
							343

206

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Surface Water Utility	-	343	343
Total Funding	-	343	343

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
							343
							343

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-

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.”

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Summary of Changes for the Final 2019-2024 Capital Improvement Plan

<u>#</u>	<u>Staff Amendments</u>	<u>Page #</u>
1	Financial System Replacement Move project expense to 2019.	47
2	<i>Beach Park Bulkhead, Promenade, & Play Equip/Water Feature</i> Updated project description and justification/benefits. Increased project expenditure budget. Increased funding with state grants to match project expenditure increase.	69
3	24th Ave Sidewalk (223rd - Kent Des Moines Rd): Change in Funding Source. Updated project description.	95
4	Tenant Restroom Replacement Moved project start year from 2020 to 2019.	131

**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

REVISED

Beach Park Bulkhead, Promenade, & Play Equip/Water Feature

Project # **310**

Summary Project Description:

Replace/repair existing bulkhead from the Marina North bulkhead terminus to the pedestrian bridge, including potential habitat restoration work associated with Des Moines Creek outfall and the associated marine interface. Continue pedestrian promenade improvements from the Marina to the pedestrian bridge, providing connectivity from the Marina to the Beach Park and Des Moines Creek Trail. Construct play equipment or water feature at the Beach Park. Project also includes demolition of the Wasson House.

CIP Category: Park Facility Projects
Managing Department: Parks, Recr & Sr Services

Justification/Benefits: The Beach Park serves the region as 1 of 6 waterfront parks located on Puget Sound between Tacoma and Seattle. The park is visited by hundreds of thousands of visitors annually. This project accomplishes several improvements: 1) the continuation of the Marina bulkhead and pedestrian promenade improvements to the pedestrian bridge; 2) provides potential habitat restoration work associated with the existing Beach Park bulkhead; 3) and either the installation of new play equipment (which was removed from the Beach Park in the 2000's due to multiple flooding events), or construction of a new water feature. Removal of the Wasson House is also part of this project, which is necessary in order to create seamless access and connectivity from the Marina through the Beach Park, to the Des Moines Creek Trail.

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	300	300
Land & Right of Way	-	40	40
Construction		2,615	2,615
Contingency	720	(630)	90
Total Expenditures	720	2,325	3,045

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	10	100	190				
-	40						
-	10			2,605			
-	10			80			
-	70	100	190	2,685	-	-	-

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
REET 1	-	100	100
Park in-Lieu	-	380	380
One Time Tax	-	70	70
State of Washington Grants (Unconfirmed)	-	2,480	2,480
Private Contributions	-	15	15
Total Funding	720	2,325	3,045

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		100					
			90	290			
	70						
			100	2,380			
				15			
-	70	100	190	2,685	-	-	-

OPERATING IMPACT			
<i>Operating Impact</i>	<i>6 Year Total</i>		
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

24th Ave Sidewalk (223rd - Kent Des Moines Rd)

Project # 319,606

Summary Project Description:
Construct 3-lane roadway with bike lanes and sidewalks, two-way left turn lane, illumination, storm drainage, and pedestrian cross-walks adjacent to Midway Elementary and Pacific Middle School. This project will be completed in conjunction with SWM's 24th Ave. Pipeline Replacement project extension to South 227th Street.

CIP Category: Transportation - Capital Project
Managing Department: Plan, Build & PW Admin

Justification/Benefits: Provides safer pedestrian and multi-modal mobility especially for school aged children. This project is adjacent to Midway Elementary and Pacific Middle School which has been identified as a top ranking priority project in the HEAL funded Safe Routes to School study/inventory.

PROJECT SCOPE			
Expenditures	Current Budget	Requested Change	Total Budget
Design	600	(63)	537
Land & Right of Way	600	(535)	65
Construction		4,660	4,660
Contingency	8,600	(8,150)	450
Total Expenditures	9,800	(4,088)	5,712

ANNUAL ALLOCATION							
Project to Date 12/31/17	Scheduled Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2023	Plan Year 2024
67		470					
			65				
				4,660			
		30	10	410			
67	-	500	75	5,070	-	-	-

Funding Sources	Current Budget	Requested Change	Total Budget
ASE (Automatic Speed Enforcement) GF X-fer		358	358
Traffic Impact Fees - City Wide	50	897	947
Surface Water Utility	-	808	808
State of Washington Grants (Unconfirmed)	9,950	(6,351)	3,599
Total Funding	10,000	(4,288)	5,712

Project to Date 12/31/17	Scheduled Year 2018	Plan Year 2019	Plan Year 2020	Plan Year 2021	Plan Year 2022	Plan Year 2023	Plan Year 2024
208				150			
2		75	23	847			
			64	744			
		332	45	3,222			
210	-	471	68	4,963	-	-	-

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

ANNUAL OPERATING IMPACT							
	2018	2019	2020	2021	2022	2023	2024
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-

**CITY OF DES MOINES
2019-2024 CAPITAL IMPROVEMENT PLAN
(Amount in Thousands)**

Tenant Restroom Replacement

Project # **403**

Summary Project Description:

CIP Category:

Marina Capital Improvements

Managing Department:

Marina

Justification/Benefits:

PROJECT SCOPE			
<i>Expenditures</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
Design	-	50	50
Land & Right of Way	-	-	-
Construction		300	300
Contingency	-	30	30
Total Expenditures	-	380	380

ANNUAL ALLOCATION							
<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>					
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
		50					
			300				
			30				
		50	330				

<i>Funding Sources</i>	<i>Current Budget</i>	<i>Requested Change</i>	<i>Total Budget</i>
One Time Sales & B&O Tax	-	380	380
Total Funding	-	380	380

<i>Project to Date</i>	<i>Scheduled Year</i>	<i>Plan Year</i>				
<i>12/31/17</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>
		50	330			
		50	330			

OPERATING IMPACT			
<i>Operating Impact</i>			<i>6 Year Total</i>
Revenue	-	-	-
Expenses	-	-	-
Net Impact	-	-	-

ANNUAL OPERATING IMPACT							
	<i>2017</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>2024</i>
Revenue	-	-	-	-	-	-	-
Expenses	-	-	-	-	-	-	-
Net Impact	-						

Motion 1:

“I move to amend the Proposed City of Des Moines 2019-2024 Capital Improvements Plan to include Staff Amendments 1, 2, 3, and 4 .”

Motion 2:

“I move to adopt Draft Resolution No. 18-085 approving the City of Des Moines 2019-2024 Capital Improvements Plan, as Amended.”



SHORELINE MASTER PROGRAM PERIODIC REVIEW AND AMENDMENT

Jason Woycke, AICP | Planner II

CITY OF DES MOINES SHORELINE MASTER PROGRAM

THE SHORELINE MASTER PROGRAM (SMP)

- Periodic Review and amendment required by the State of Washington every 8 years.
- The Department of Ecology is providing a \$20,000 no-match grant to assist Des Moines with the Periodic Review. Approval of the grant agreement is on Council's consent calendar.



Department of Ecology approval effective November 1, 2010

Adopted January 27, 2011 by City of Des Moines Ordinance No. 1502

UPDATE PURPOSE

To assure that the SMP complies with current State law that has changed since the City's last SMP amendment in 2011.

To assure consistency of the SMP with the City's comprehensive plan and development regulations that have changed since the City's last SMP amendment in 2011.

To consider amendments to address changes in City policy, as directed by City Council.

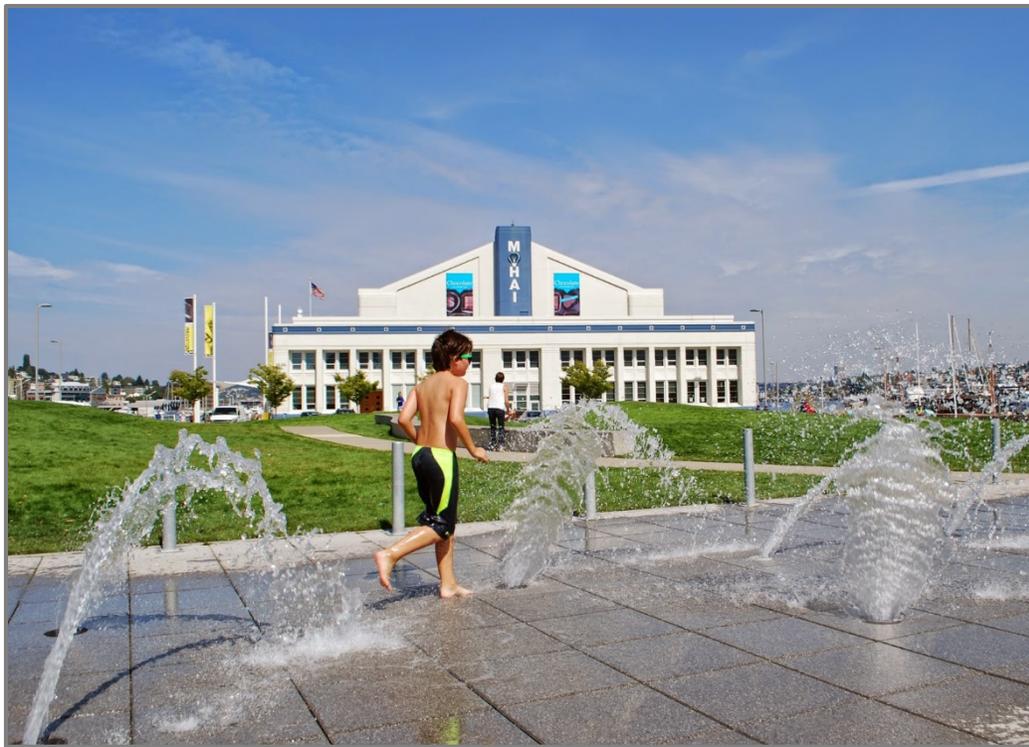
To facilitate the submittal and review of projects by clarifying SMP content.

WASSON PROPERTY

- Include limited water-related and water-enjoyment commercial uses for Urban Conservancy (UC) Designation
 - e.g. food trucks, kayak rental, etc.
- Would apply to all UC designated areas (public parks)

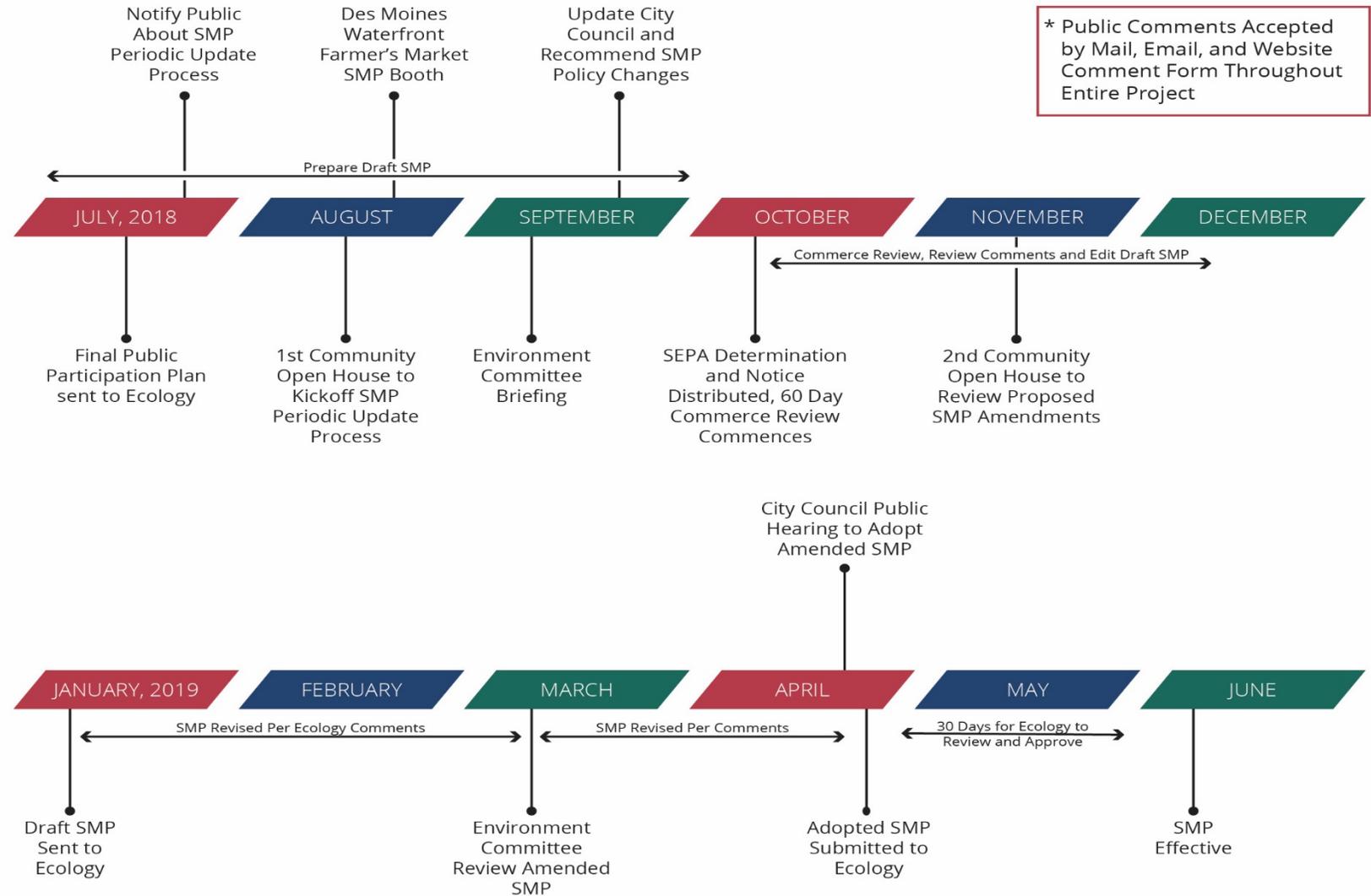


LAKE UNION PARK



TIMELINE

Project Timeline



PUBLIC PARTICIPATION

Des Moines is required by the State of Washington to encourage active participation in the SMP Periodic Review by all persons, private groups, public agencies, and tribes that have an interest or responsibility related to shorelines of the state within the City.



Public Participation Opportunities

- Initial open house scheduled for August 14th.
- Farmer's Market booth scheduled for August 25th.
- City webpage dedicated to the SMP Periodic Review
- Open house in early November
- Public hearing on SMP amendments in April 2019
- City Environment Committee briefings
- City Currents newsletter
- The Waterland Blog
- Westside Weekly newspaper
- Updates on the City of Des Moines Facebook page

South 223rd Street Pavement Rehabilitation Project

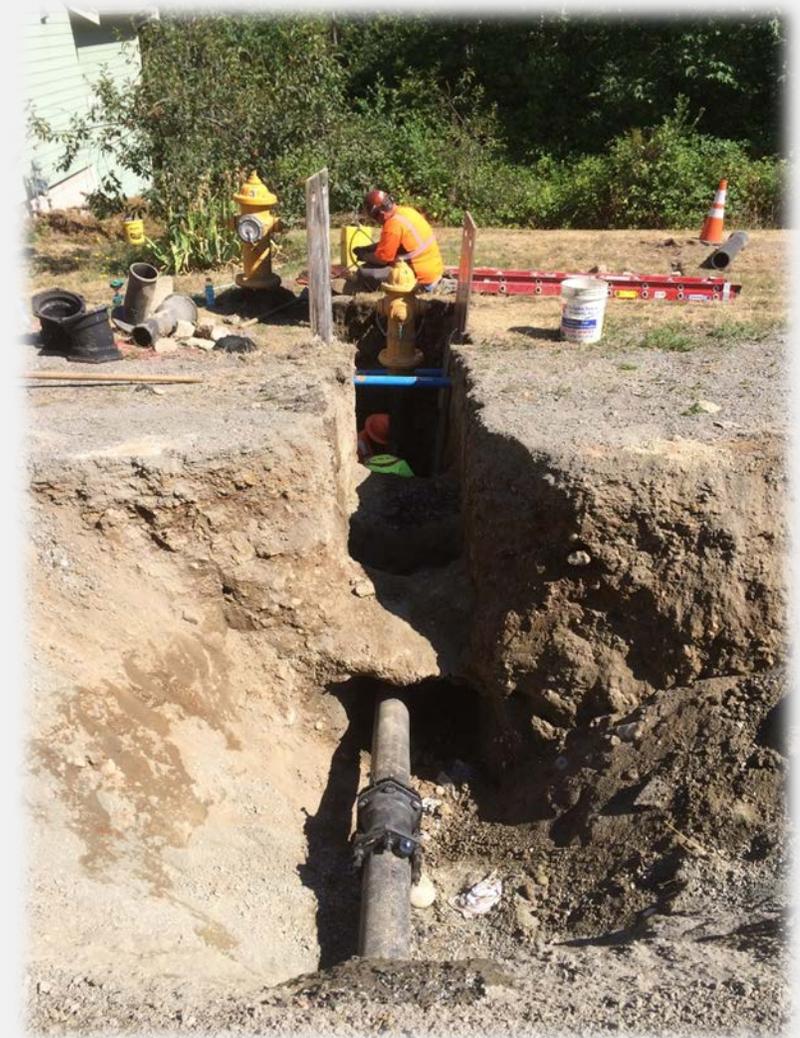
July 26th, 2018

Project Update



South 223rd Street – Pavement Rehabilitation Project

- Current Roadway Rehabilitation Effort
 - Scarsella making progress with continued objective to pave prior to school opening
 - Most storm drainage infrastructure installed
 - Most water main infrastructure installed
 - Roadway grinding/paving to begin in August



South 223rd Street – Pavement Rehabilitation Project

- Current Rehabilitation Challenges

- Unsuitable Subgrade
 - Extension of paving limits
 - Additional over-excavation
- Saturated Subgrade
 - Additional underdrainage
- Highly Variable Existing Pavement Thickness
 - Greater rebuild need for more sections of roadway
 - More complex grind/overlay operations
- Highline Water main Extension
 - Coordination with extension of paving limits



South 223rd Street – Pavement Rehabilitation Project

Suggested Motion:

“I move to approve an additional \$185,000 in construction contingency for the South 223rd Street – Pavement Rehabilitation Project, to cover change orders and unforeseen conditions, bringing the total construction contingency amount to \$335,000.”

- Financial Impact
 - Project CIP budget does not change.
 - Highline Water District and City SWM contributions for changed work.

TOTAL PROJECT SCOPE			
Expenditures	1/1/18 Current CIP Budget	2018 CIP Supplemental Request	2018 Revised CIP Budget Estimate
Design			
External Engineering -EPC	59,100	11,829	70,929
Internal Engineering/Project Mgmt	8,000	9,994	15,994
Other Misc (Advertise, Postage, Etc.)		-	-
Prop/ROW Assessments			-
Other Professional Services		-	-
Construction			-
External Engineering	36,000	134,925	169,925
Internal Engr- Proj Mgmt/ Inspect	40,000	(10,000)	30,000
Construction Contract 1 - Soanella Bro's Emerg	19,743	(2,825)	16,918
Const Contract 1 - Contract Contingency		-	-
Construction Contract 2	1,131,871	(323,499)	808,372
Const Contract 2 - Contract Contingency	70,000	80,000	150,000
Other Professional Services		-	-
Materials		-	-
Material Testing		-	-
Other Miscellaneous		-	-
Other			-
Interfund Financial Services	13,336	6,665	20,000
Non-City Utilities - Highline Water District		485,768	485,768
Non-Capitalizable Services - Soanella Bro's Emergency Repair		-	-
Individual Assets > \$5,000 - Equipment		-	-
Contingencies	842	203,212	204,054
Total Project Expense Budget:	1,378,891	596,969	1,971,940

ACTUAL EXPENDITURES			BUDGET	PROJECT BUDGET ALLOCATION		
Project to Date 12/31/17	Project To Date 3/31/2018	2018 Year to Date 3/31/2018	2018 Remaining	Estimated Year End 2018	Planned Year 2019	Planned Year 2020
68,102	71,341	3,239	(412)	2,827		
14,994	23,153	8,159	(7,159)	1,000		
-	765	765	(765)			
-	-		-			
-	-		169,925	169,925		
-	-		30,000	30,000		
16,918	16,918		-			
-	-		-			
-	-		808,372	808,372		
-	-		150,000	150,000		
-	-		-			
-	-		-			
-	-		-			
-	-		-			
1,000	1,122	122	18,878	19,000		
-	-		485,768	485,768		
-	-		-			
-	-		-			
-	-		204,054	204,054		
101,014	113,299	12,283	1,858,661	1,870,948	-	-

Funding Sources	1/1/18 Current CIP Budget	2018 CIP Supplemental Request	2018 Revised CIP Budget Estimate
Transportation Benefit District (Transferred into 102	796,685	-	796,685

Project to Date 12/31/17	Project to Date 3/31/2018	2018 YTD 3/31/2018	2018 Remaining	Scheduled Year 2018	Scheduled Year 2019	Scheduled Year 2020
796,685	796,685		-			

Summary of Changes to the
Final
2019-2024 Capital
Improvement Plan

Summary of Changes for the Final 2019-2024 Capital Improvement Plan

<u>#</u>	<u>Staff Amendments</u>	<u>Page #</u>
1	Financial System Replacement Move project expense to 2019.	47
2	<i>Beach Park Bulkhead, Promenade, & Play Equip/Water Feature</i> Updated project description and justification/benefits. Increased project expenditure budget. Increased funding with state grants to match project expenditure increase.	69
3	24th Ave Sidewalk (223rd - Kent Des Moines Rd): Change in Funding Source. Updated project description.	95
4	Tenant Restroom Replacement Moved project start year from 2020 to 2019.	131

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