

2019-2024

CAPITAL IMPROVEMENTS PLAN

Resolution No. 1390
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.

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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 | - | - | 252 | - | - | - | - | - |
| | Total Technology | 252 | - | - | 252 | - | - | - | - | - |
| <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 Bulkhead, Promenade, & Play Equip/Water Feature | 3,045 | - | 70 | 100 | 190 | 2,685 | - | - | - |
| 70 | Marina Dynamic Messaging Signs | 50 | - | - | 50 | - | - | - | - | - |
| | Total City Wide Park Facilities | 7,775 | 53 | 697 | 2,287 | 963 | 3,775 | - | - | - |
| <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 | | 76,390 | 1,681 | 4,322 | 16,369 | 8,912 | 17,743 | 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 | 240 | 390 | 60 | 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 | | 88,649 | 2,135 | 5,047 | 17,971 | 11,462 | 19,176 | 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>Economic Development Projects</u> | | | | | | | | | |
| 16 | Redondo Paid Parking | 350 | - | - | 50 | 300 | - | - | - | - |
| | Total Econ Dev & Tourism | 350 | - | - | 50 | - | - | - | - | - |
| | <u>Building Facility Projects</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>Technology Projects</u> | | | | | | | | | |
| 46 | Financial System Replacement | 252 | 101 | 151 | - | - | - | - | - | - |
| | Total Technology | 252 | 101 | 151 | - | - | - | - | - | - |
| | <u>Park Facility & Playground Projects</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 Bulkhead, Promenade, & Play Equip/Water Feature | 3,045 | - | 70 | 100 | 190 | 2,685 | - | - | - |
| 70 | Marina Dynamic Messaging Signs | 50 | - | - | 50 | - | - | - | - | - |
| | Total City Wide Park Facilities | 7,775 | 53 | 883 | 2,101 | 963 | 3,775 | - | - | - |
| | <u>Waterfront Facility Projects</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 | - | 471 | 68 | 4,963 | - | - | - |
| 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 | 8,229 | 2,393 | 12,846 | 3,311 | 12,996 | 5,529 |
| Total General Municipal Improvements | | 77,138 | 3,255 | 8,379 | 14,555 | 6,500 | 17,661 | 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 | 440 | 590 | 260 | 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 | | 89,397 | 3,909 | 9,304 | 16,357 | 9,250 | 19,294 | 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 | - | - | - | - | - |
| 68 | Beach Park Bulkhead, Promenade, & Play Equip/Water Feature | 100 | - | - | 100 | - | - | - | - | - |
| | Total REET 1st Qtr % | 3,968 | 263 | 489 | 350 | 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 Bulkhead, Promenade, & Play Equip/Water Feature | 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 | 249 | 90 | 790 | - | - | - |
| | 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 | - | - | - | - |
| 68 | Beach Park Bulkhead, Promenade, & Play Equip/Water Feature | 70 | - | 70 | - | - | - | - | - | - |
| | Total One Time Revenue | 2,155 | - | 723 | 520 | 575 | 25 | 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) | 947 | 2 | - | 75 | 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 | 4,969 | 244 | 152 | 2,157 | 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 Bulkhead, Promenade, & Play Equip/Water Feature | 2,480 | - | - | - | 100 | 2,380 | - | - | - |
| 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) | 3,599 | - | - | 332 | 45 | 3,222 | - | - | - |
| 124 | 30th Ave S Improvements - South Segments | 3,285 | - | - | - | - | - | - | - | 3,285 |
| Total State Grants | | 25,433 | 281 | 120 | 5,694 | 1,145 | 9,038 | 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 Bulkhead, Promenade, & Play Equip/Water Feature | 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 | 355 | 105 | 150 | 500 | - |
| DEBT PROCEEDS | | | | | | | | | | |
| 72 | North Bulkhead | 3,300 | - | 3,300 | - | - | - | - | - | - |
| Total Debt Proceeds | | 3,300 | - | 3,300 | - | - | - | - | - | - |
| TOTAL REVENUE SOURCES | | | | | | | | | | |
| | | 89,397 | 3,909 | 9,354 | 16,307 | 9,550 | 19,294 | 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:

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.

CIP Category:

Waterfront Facility Project

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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

Building Access System



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

Building Access System

Project # 506.712

Summary Project Description:

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.

CIP Category:

Building Facility Project

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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| - | | | | | | | |
| - | | | | | | | |
| - | 12 | 38 | | | | | |
| - | | 8 | | | | | |
| - | 12 | 46 | - | - | - | - | - |

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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:

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.

CIP Category:

Building Facility Project

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

Expenditures

*Current
Budget*

*Requested
Change*

*Total
Budget*

| | | | |
|---------------------------|------------|-------------|------------|
| 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 | - | - | - | - | - |

Funding Sources

Current

Requested

Total

| | | | |
|--------------------------------|------------|-------------|------------|
| Facility Repair & Replace Fund | - | 277 | 277 |
| Total Funding | 300 | (23) | 277 |

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

OPERATING IMPACT

Operating Impact

6 Year Total

| | | | |
|-------------------|----------|----------|----------|
| 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> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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> 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 |
|------------------------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| - | | | | | | | |
| - | | | | | | | |
| - | | 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> 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 |
|------------------------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | 200 | | | | | |
| - | - | 200 | - | - | - | - | - |

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 |
|---|------|------|------|------|------|------|------|
| - | | | | | | | |
| - | | | | | | | |
| - | - | - | - | - | - | - | - |

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:

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

CIP Category:

Building Facility Project

Managing Department:

Public Works

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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

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

| <i>Expenditures</i> | <i>Current Budget</i> | <i>Requested Change</i> | <i>Total Budget</i> |
|---------------------------|-----------------------|-------------------------|---------------------|
| Design | - | 1 | 1 |
| Land & Right of Way | 360 | (360) | - |
| Construction | | 30 | 30 |
| Contingency | - | 3 | 3 |
| Total Expenditures | 360 | (326) | 34 |

ANNUAL ALLOCATION

| <i>Project to Date</i> | <i>Scheduled Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | | | | |
| - | | | | | | | |
| - | | | 30 | | | | |
| - | | | 3 | | | | |
| - | - | - | 34 | - | - | - | - |

Funding Sources

| <i>Funding Sources</i> | <i>Current Budget</i> | <i>Requested Change</i> | <i>Total Budget</i> |
|--------------------------------|-----------------------|-------------------------|---------------------|
| Facility Repair & Replace Fund | - | 34 | 34 |
| Total Funding | 360 | (326) | 34 |

| <i>Project to Date</i> | <i>Scheduled Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | | | | |
| - | - | - | 34 | - | - | - | - |

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> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

Engineer Bldg Windows



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

Engineer Bldg Windows

Project # 506

Summary Project Description:

Replace upstairs windows and Information Systems' windows.

CIP Category:

Building Facility Project

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

The existing single pane windows are not energy efficient 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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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:

Paint the interior of the PW Service Center.

CIP Category:

Building Facility Project

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

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

PROJECT SCOPE

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - |

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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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:

Paint the inside of the Field House.

CIP Category:

Building Facility Project

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

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

PROJECT SCOPE

| <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> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | | | |
| - | | | | | | | |
| - | - | - | - | 35 | - | - | - |

Funding Sources

| <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> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | | | |
| - | - | - | - | 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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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:

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

CIP Category:

Building Facility Project

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 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> |
|---------------------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| - | | | | | 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 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> |
|---------------------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | | | 55 | | |
| - | - | - | - | - | 55 | - | - |

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> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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:

Building Facility Project

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

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

PROJECT SCOPE

| <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 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> |
|---------------------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| - | | | | | | 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 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> |
|---------------------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | | | | 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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | | | | 3 | |
| - | - | - | - | - | - | 65 | |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

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 runnel 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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | | | | | | | 40 |
| | | | | | | | 360 |
| | | | | | | | |
| - | - | - | - | - | - | - | 400 |

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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 cashiering 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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
| - | | | | | | | |
| - | | | | | | | |
| - | - | 252 | | | | | |
| - | | | | | | | |
| - | - | 252 | - | - | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

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:

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

CIP Category:

Parks Facility Project

Managing Department:

Parks, Recr & Sr Services

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 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> |
|-------------------------------------|--------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | - | 50 | | - | | | |
| 34 | - | 1,304 | | - | | | |
| | | | | 1,000 | | | |
| | | 50 | | - | | | |
| 34 | - | 1,404 | - | 1,000 | - | - | - |

Funding Sources

| <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 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> |
|-------------------------------------|--------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 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> 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 |
|------------------------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 4 | 23 | | - | | | | |
| | | | - | | | | |
| | | 180 | | | | | |
| | | 20 | - | | | | |
| 4 | 23 | 200 | - | - | - | - | - |

Funding Sources

| <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> 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 |
|------------------------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 4 | 23 | | | | | | |
| | | 200 | | | | | |
| 4 | 23 | 200 | - | - | - | - | - |

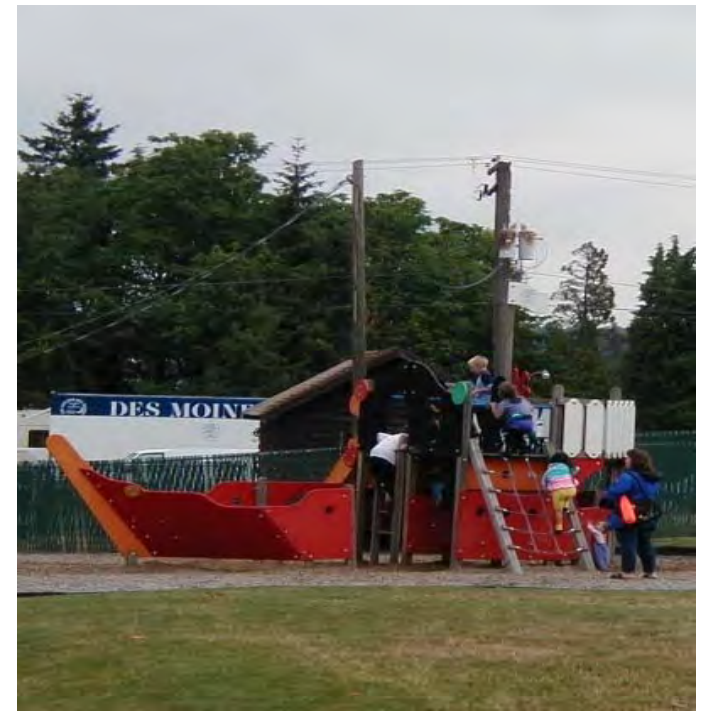
OPERATING IMPACT

| <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:

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.

CIP Category:

Park Facility Projects

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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 3 | | | 12 | | | | |
| - | | | | | | | |
| - | | | 164 | | | | |
| - | | | 15 | | | | |
| 3 | - | - | 191 | - | - | - | - |

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 3 | | | 10 | | | | |
| - | | | | | | | |
| - | | | | 82 | | | |
| - | | | | 8 | | | |
| 3 | - | - | 10 | 90 | - | - | - |

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

Wooton Park



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

Wooton Park

Project # **310.066**

Summary Project Description:

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.

CIP Category:

Park Facility Projects

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 well.

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 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 | 21 | | | | | | |
| - | | | | | | | |
| - | | 170 | | | | | |
| - | | 17 | | | | | |
| 2 | 21 | 187 | - | - | - | - | - |

Funding Sources

| <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 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 | 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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

Westwood Play Equipment



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

Westwood Play Equipment

Project # **310**

Summary Project Description:

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.

CIP Category:

Park Facility Projects

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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 2 | 13 | | | | | | |
| - | | | | | | | |
| - | | 81 | | | | | |
| - | | 8 | | | | | |
| 2 | 13 | 89 | - | - | - | - | - |

Funding Sources

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

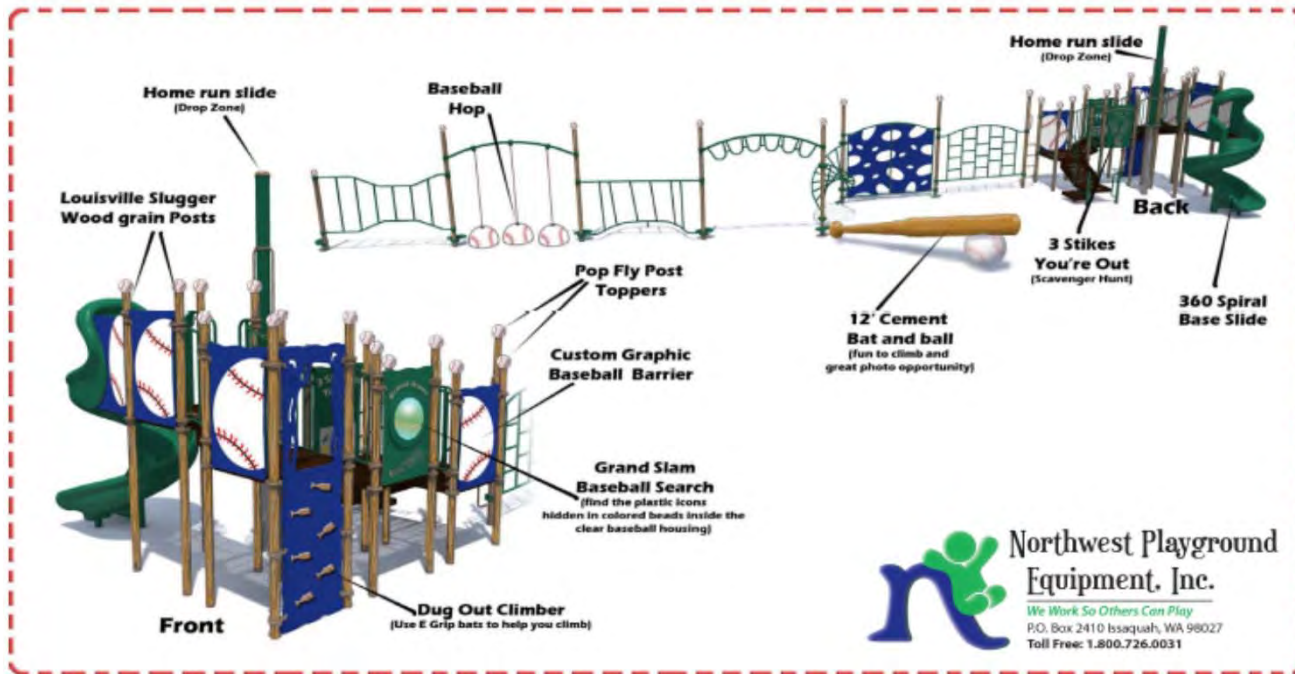
OPERATING IMPACT

| <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



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 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> |
|---|------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 5 | 32 | | | | | | |
| - | | | | | | | |
| - | 408 | | | | | | |
| - | 14 | 20 | | | | | |
| 5 | 454 | 20 | - | - | - | - | - |

Funding Sources

| <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 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> |
|---|------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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> <i>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | 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> <i>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | 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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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



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

Mary Gay Park

Project #

310

Summary Project Description:

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

CIP Category:

Park Facility Projects

Managing Department:

Parks, Recr & Sr Services

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 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 | 8 | | | | | |
| | | | | | | | |
| | 43 | 37 | | | | | |
| | 5 | 5 | | | | | |
| - | 50 | 50 | - | - | - | - | - |

Funding Sources

| <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 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 | | | | | |
| - | 50 | 50 | - | - | - | - | - |

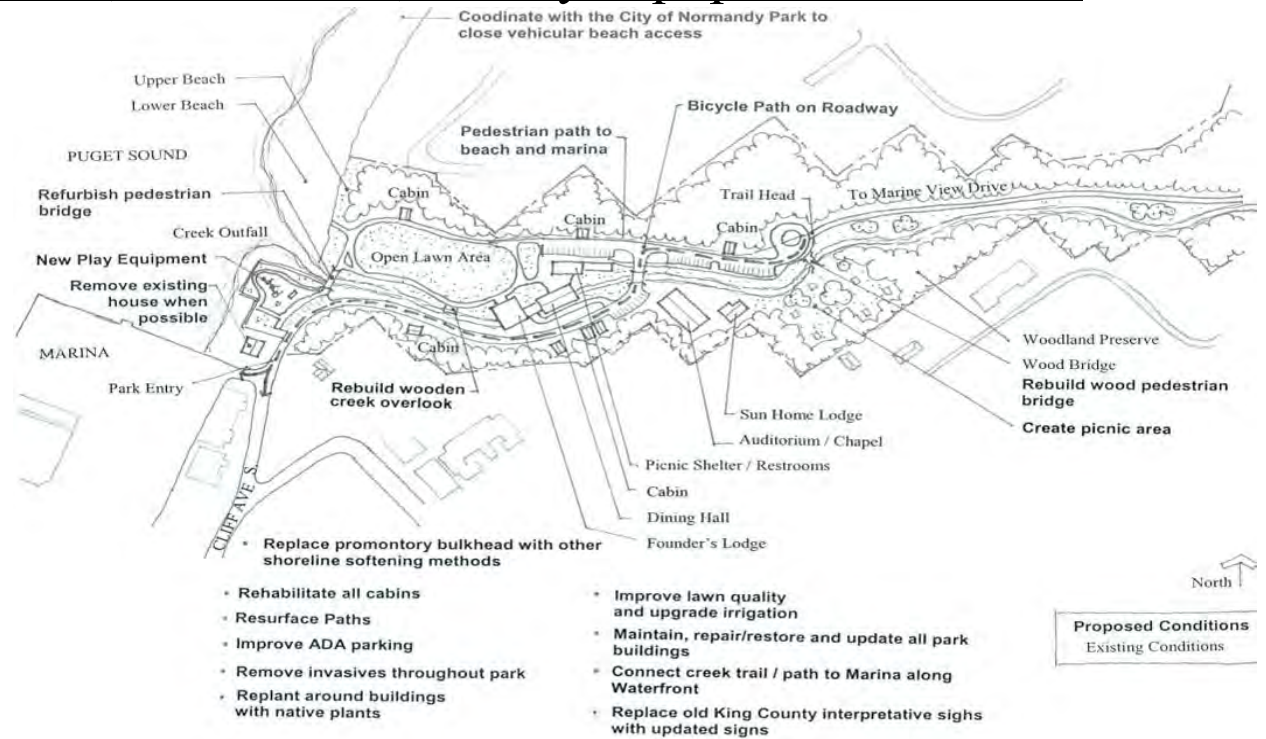
OPERATING IMPACT

| <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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

Beach Park Bulkhead, Promenade, & Play Equip/Water Feature



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

Beach Park Bulkhead, Promenade, & Play Equip/Water Feature

Project #

310

CIP Category:

Park Facility Projects

Managing Department:

Parks, Recr & Sr Services

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.

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 | | | |
|---------------------------|----------------|------------------|--------------|
| Expenditures | Current Budget | Requested Change | Total Budget |
| 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 |

| Funding Sources | Current Budget | Requested Change | Total Budget |
|--|----------------|------------------|--------------|
| 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 |

| 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 |
| - | 10 | 100 | 190 | | | | |
| - | 40 | | | | | | |
| - | 10 | | | 2,605 | | | |
| - | 10 | | | 80 | | | |
| - | 70 | 100 | 190 | 2,685 | - | - | - |

| 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 |
|-----------------------------|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | 100 | | | | | |
| | | | 90 | 290 | | | |
| | 70 | | | | | | |
| | | | 100 | 2,380 | | | |
| | | | | 15 | | | |
| - | 70 | 100 | 190 | 2,685 | - | - | - |

| 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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | | 3 | | - | | | |
| | | | | - | | | |
| | | 42 | | | | | |
| | | 5 | | - | | | |
| - | - | 50 | - | - | - | - | - |

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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:

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.

CIP Category:

Waterfront Facility Project

Managing Department:

Marina

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

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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:

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.

CIP Category:

Waterfront Facility Project

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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> <i>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| - | | 10 | | | | | |
| - | | | | | | | |
| - | | | 200 | | | | |
| - | | | 25 | | | | |
| - | - | 10 | 225 | - | - | - | - |

Funding Sources

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

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 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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| - | | | | | | | |
| - | | | | | | | |
| - | | | | | | 400 | - |
| - | | | | | | | |
| - | - | - | - | - | - | 400 | - |

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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

Justification/Benefits:

TOTAL EXPENDITURES DOES NOT EQUAL TOTAL FUNDING

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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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 |

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

Sidewalk Program



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

Sidewalk Program

Project # **101.205**

Summary Project Description:

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.

CIP Category:

Transportation - Operating Project

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</i> <i>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 3 | 2 | 2 | 2 | 2 | 2 | 2 | |
| - | | | | | | 18 | |
| 14 | 18 | 18 | 18 | 18 | 18 | | |
| - | | | | | | | |
| 17 | 20 | 20 | 20 | 20 | 20 | 20 | - |

Funding Sources

| <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</i> <i>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 17 | 20 | 20 | 20 | 20 | 20 | 20 | |
| 17 | 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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

Arterial Traffic Calming



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

Arterial Traffic Calming

Project # **319.619**

Summary Project Description:

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.

CIP Category:

Transportation - Capital Project

Managing Department:

Plan, Build & PW Admin

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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | 10 | | 10 | | | | |
| | | | | | | | |
| | 141 | | 40 | | | | |
| | - | | | | | | |
| - | 151 | - | 50 | - | - | - | - |

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

Guardrail Program



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

Guardrail Program

Project # **101.305**

Summary Project Description:

Install new or replace outdated guardrail City wide.

CIP Category:

Transportation - Operating Project

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

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

PROJECT SCOPE

| <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</i> <i>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| - | | 2 | 2 | | 2 | | |
| - | | | | | | | |
| - | | 23 | 23 | | 23 | | |
| - | | | | | | | |
| - | - | 25 | 25 | - | 25 | - | - |

Funding Sources

| <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</i> <i>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>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> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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 |

Funding Sources

| <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 |

OPERATING IMPACT

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

ANNUAL ALLOCATION

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

ANNUAL OPERATING IMPACT

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

South 216th - Segment 3



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

South 216th - Segment 3

Project # 319.334

Summary Project Description:

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

CIP Category:

Transportation - Capital Project

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

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

PROJECT SCOPE

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

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

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:

Construct 3-lane roadway with bike lanes and sidealks, two-way left turn lane, illumination, storm drainage, and pedestrian cross-walks adjacent to Midway Ellementary 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

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

Funding Sources

| <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 |
| 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 |

| <i>Project to Date</i> <i>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 208 | | | | 150 | | | |
| 2 | | 75 | 23 | 847 | | | |
| | | 64 | | 744 | | | |
| | | 332 | 45 | 3,222 | | | |
| 210 | - | 471 | 68 | 4,963 | - | - | - |

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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

Downtown Alley Improvement



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

Downtown Alley Improvement

Project # **319.337**

Summary Project Description:

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.

CIP Category:

Transportation - Capital Project

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

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

PROJECT SCOPE

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

Funding Sources

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

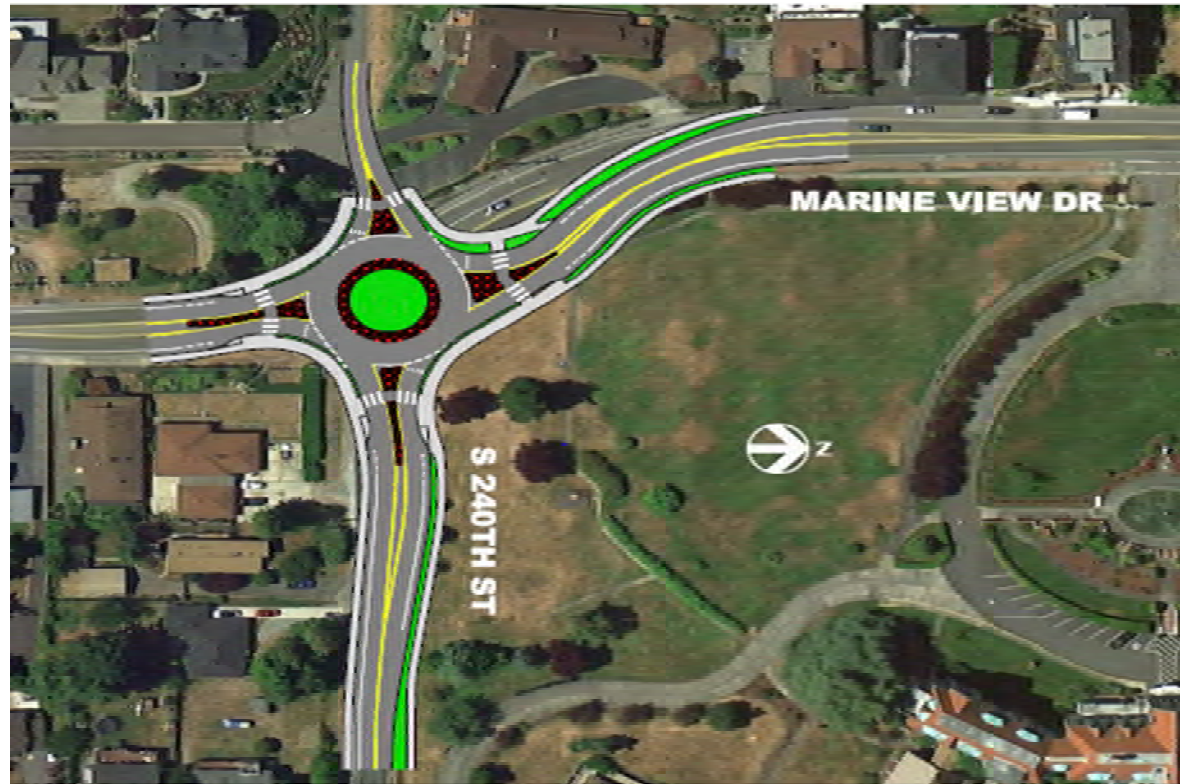
OPERATING IMPACT

| <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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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:

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

CIP Category:

Transportation - Capital Project

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

The project will install 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 | | | |
|---------------------------|----------------|------------------|--------------|
| Expenditures | Current Budget | Requested Change | Total Budget |
| 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 | | | | | | | |
|-----------------------------|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 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 |
| | | | 165 | | | | |
| - | | | 200 | | | | |
| - | | | | 1,521 | | | |
| - | | | | 212 | | | |
| - | - | - | 365 | 1,733 | - | - | - |

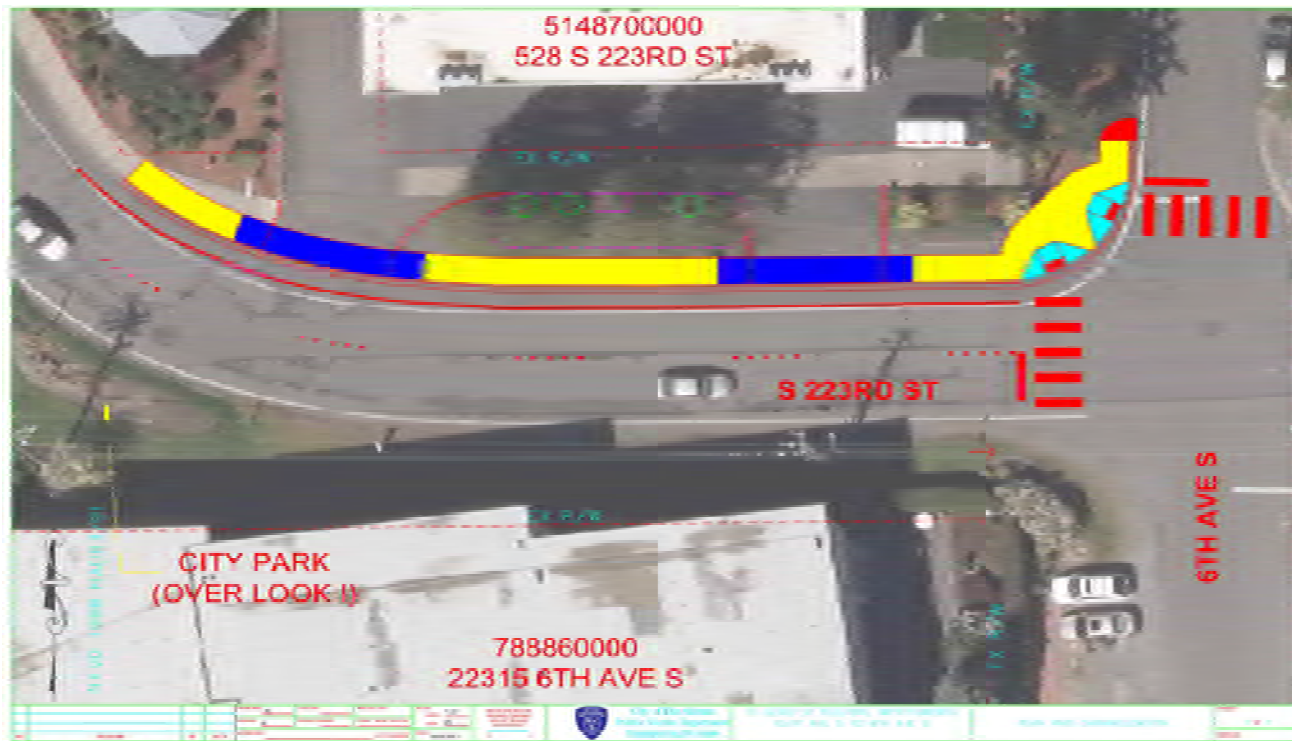
| Funding Sources | Current Budget | Requested Change | Total Budget |
|--|----------------|------------------|--------------|
| Traffic in-Lieu | - | 612 | 612 |
| State of Washington Grants (Unconfirmed) | 346 | 1,140 | 1,486 |
| Total Funding | 398 | 1,700 | 2,098 |

| 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 |
|-----------------------------|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | 265 | 347 | | | |
| | | | 100 | 1,386 | | | |
| - | - | - | 365 | 1,733 | - | - | - |

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

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

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:

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.

CIP Category:

Transportation - Capital Project

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

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

PROJECT SCOPE

| <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</i> <i>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>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</i> <i>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

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> 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 |
|------------------------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | - | 60 | | | | | |
| | | | | | | | |
| | - | | 450 | | | | |
| | | | 30 | | | | |
| - | - | 60 | 480 | - | - | - | - |

Funding Sources

| <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> 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 |
|------------------------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | 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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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:

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.

CIP Category:

Transportation - Capital Project

Managing Department:

Plan, Build & PW Admin

Justification/Benefits:

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

PROJECT SCOPE

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - | - | - |

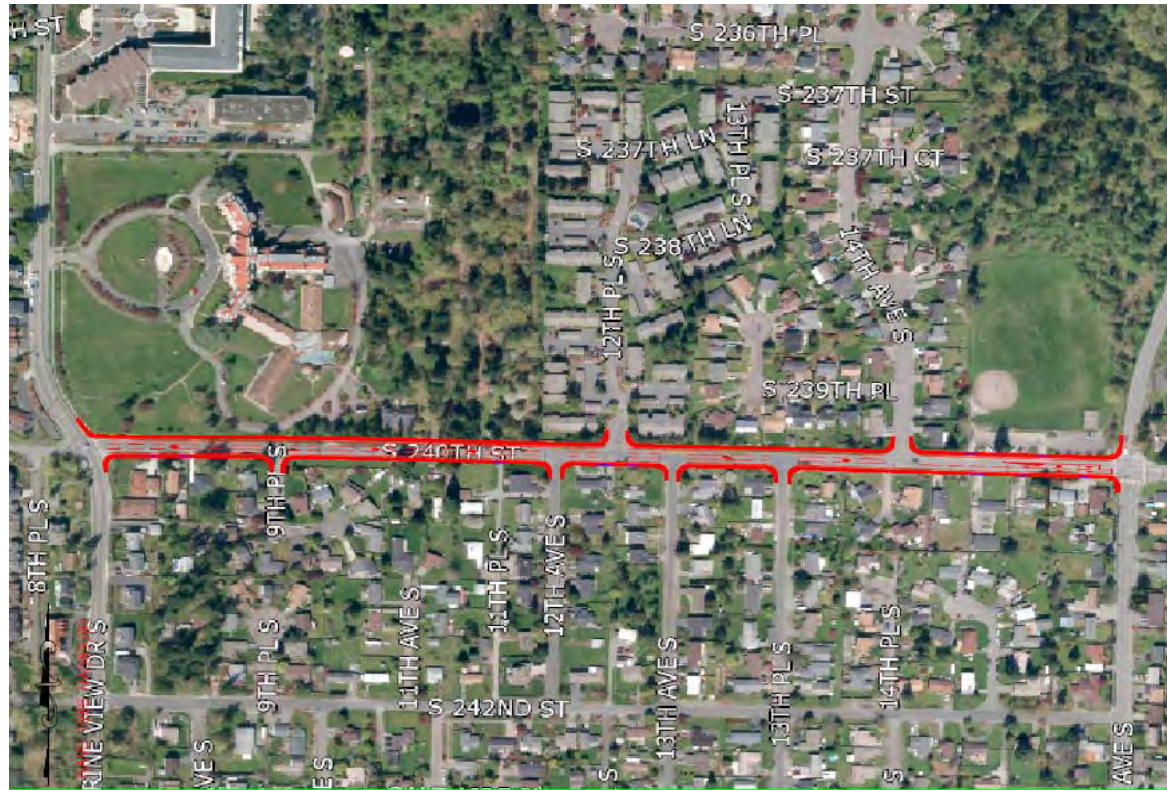
OPERATING IMPACT

| <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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

South 240th Street Improve - Seg 2



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

South 240th Street Improve - Seg 2

Project # 319

Summary Project Description:

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.

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

Funding Sources

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

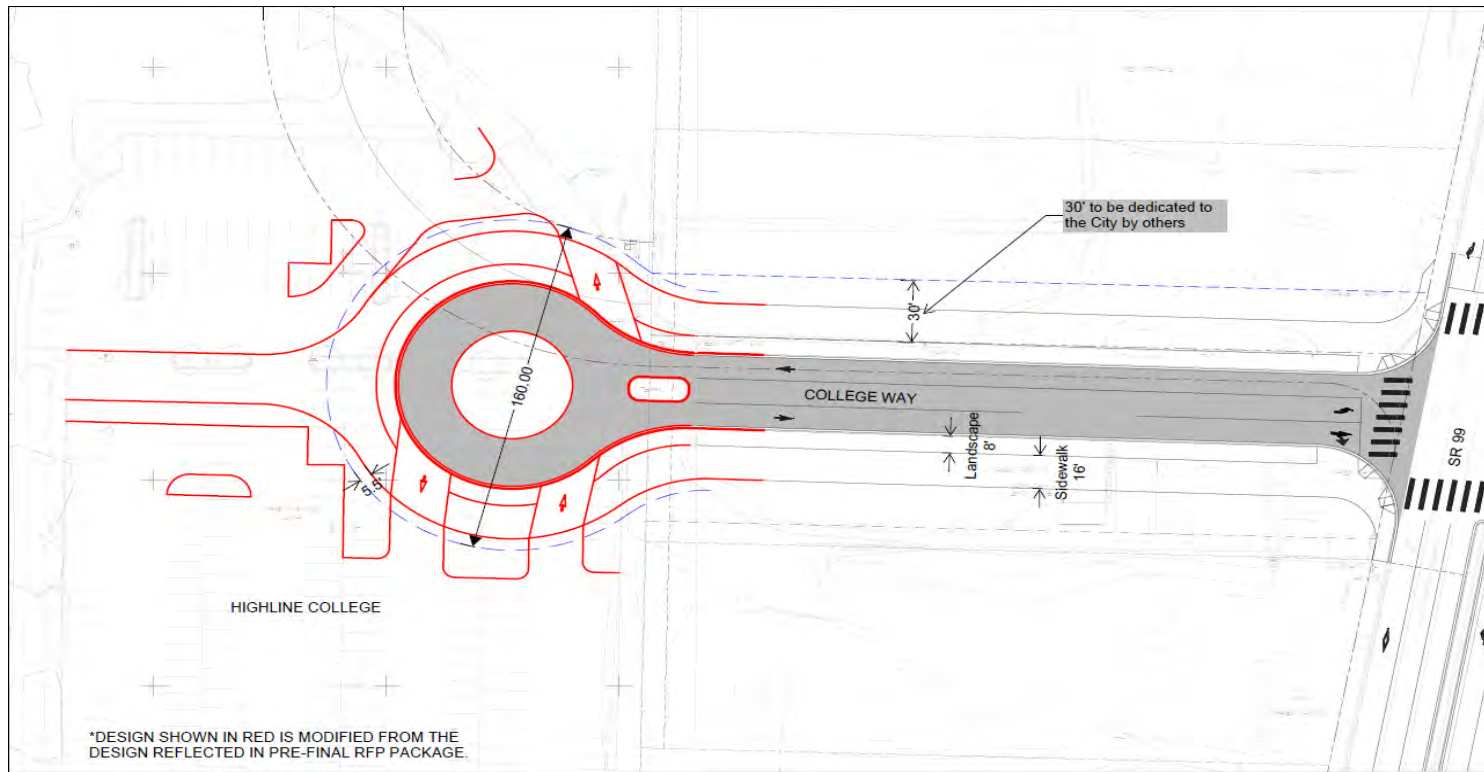
OPERATING IMPACT

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - |

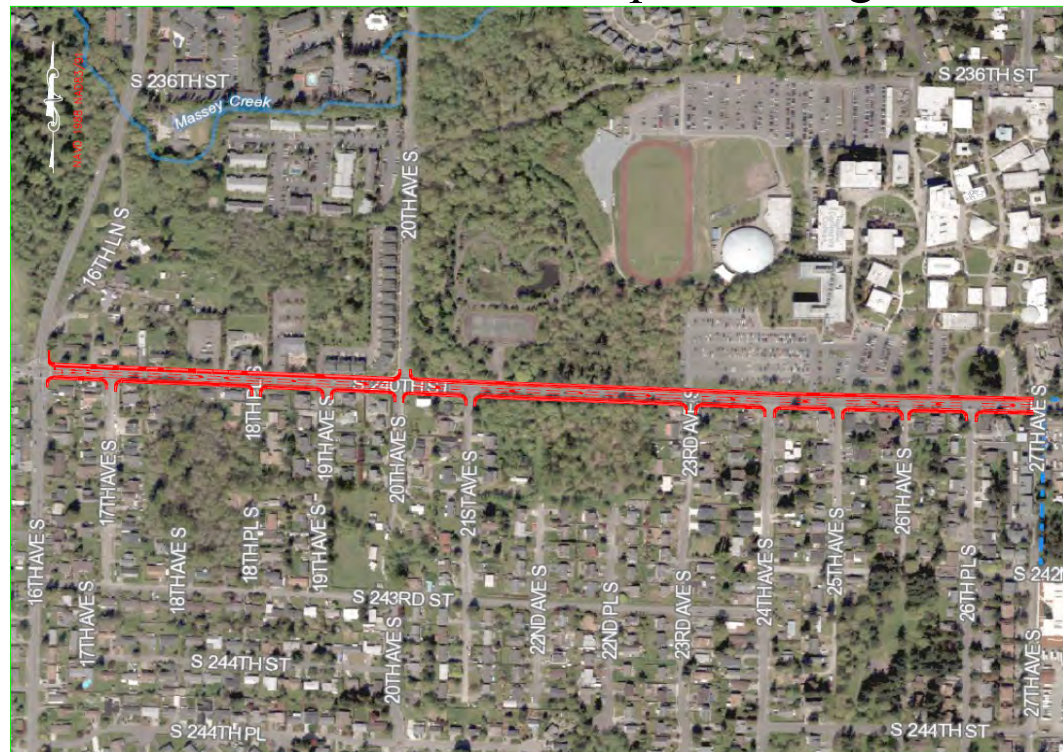
OPERATING IMPACT

| <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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

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

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

Redondo Area Street Improvements



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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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

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

ANNUAL ALLOCATION

| <i>Project to Date</i> | <i>Scheduled Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
| - | | | | | 113 | | |
| - | | | | | 35 | | |
| - | | | | | 552 | | |
| - | | | | | 56 | | |
| - | - | - | - | - | 756 | - | - |

Funding Sources

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

| <i>Project to Date</i> | <i>Scheduled Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
| | | | | | 326 | | |
| | | | | | 280 | | |
| | | | | | 150 | | |
| - | - | - | - | - | 756 | - | - |

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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

Puget Sound Gateway - SR509 Extension



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

Puget Sound Gateway - SR509 Extension

Project # **319**

Summary Project Description:

The financial commitment provided by Des Moines will go towards meeting the local contribution mandated by the Washington State Legislature when the Connecting Washington Transportation package was passed, and is intended to fully meet our match contribution, relative to the net benefits of the SR 509 project.

CIP Category:

Transportation

Managing Department:

Public Works

Justification/Benefits:

The City of Des Moines supports the Puget Sound Gateway Program including the SR 509 Extension project in King County. This new freeway will provide an added corridor in our area, as well as provide congestion relief on the City's arterial roadways.

PROJECT SCOPE

| <i>Expenditures</i> | <i>Current Budget</i> | <i>Requested Change</i> | <i>Total Budget</i> |
|---------------------------|-----------------------|-------------------------|---------------------|
| Design | - | - | - |
| Land & Right of Way | - | - | - |
| Construction | - | 500 | 500 |
| Contingency | - | - | - |
| Total Expenditures | - | 500 | 500 |

ANNUAL ALLOCATION

| <i>Project to Date</i> | <i>Scheduled Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
| | | | | | | | |
| | | | | | 500 | | |
| | | | | | | | |
| - | - | - | - | - | 500 | - | - |

Funding Sources

| <i>Funding Sources</i> | <i>Current Budget</i> | <i>Requested Change</i> | <i>Total Budget</i> |
|------------------------|-----------------------|-------------------------|---------------------|
| One Time Sales/B&O Tax | - | 500 | 500 |
| Total Funding | 3,210 | (2,710) | 500 |

| <i>Project to Date</i> | <i>Scheduled Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | 25 | 25 | 25 | 25 | | |
| - | 400 | 25 | 25 | 25 | 25 | - | - |

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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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

Funding Sources

| <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 |

Project to Date
12/31/17

| <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | 200 | | | 150 | | |
| | | | 200 | 200 | 300 | 150 |
| | | | | | | 3,285 |
| - | - | 200 | - | 200 | 350 | 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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| - | | - | | | | | |
| - | | - | | | | | |
| - | 60 | 0* | 60 | 60 | 60 | | |
| - | | - | | | | | |
| - | 60 | - | 60 | 60 | 60 | - | - |

Funding Sources

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

OPERATING IMPACT

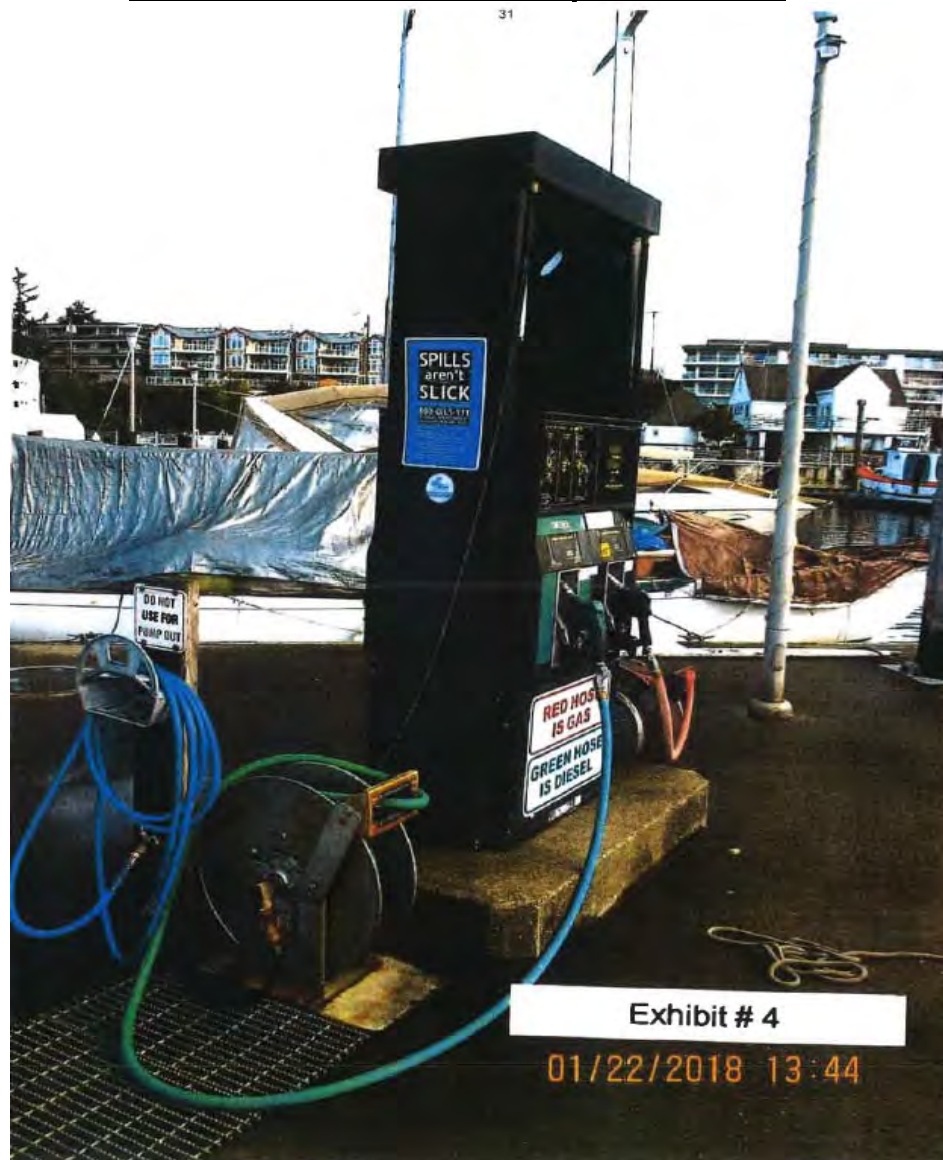
| <i>Operating Impact</i> | <i>6 Year Total</i> | | |
|-------------------------|---------------------|----------|----------|
| Revenue | - | - | - |
| Expenses | - | - | - |
| Net Impact | - | - | - |

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> 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 |
|------------------------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | 50 | | | | | | |
| | | 150 | | | | | |
| | | 40 | | | | | |
| - | 50 | 190 | - | - | - | - | - |

Funding Sources

| <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> 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 |
|------------------------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | 50 | 190 | | | | | |
| - | 50 | 190 | - | - | - | - | - |

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 |
|---|------|------|------|------|------|------|------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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:

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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | 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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

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:

PROJECT SCOPE

| <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 |

ANNUAL ALLOCATION

| <i>Project to Date</i> | <i>Scheduled Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - |

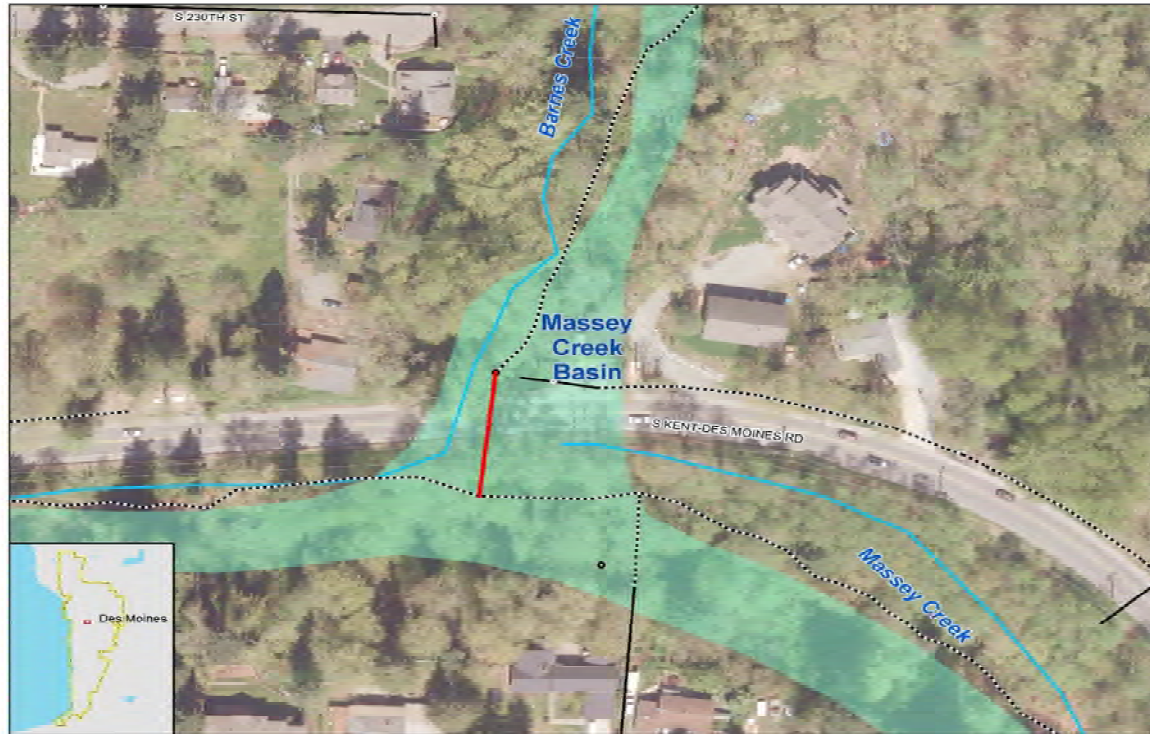
OPERATING IMPACT

| <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> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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 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> |
|---------------------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 28 | 25 | 49 | | | | | |
| - | | | | | | | |
| - | | | | | 579 | | |
| - | | 15 | | | 165 | | |
| 28 | 25 | 64 | - | - | 744 | - | - |

Funding Sources

| <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 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> |
|---------------------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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</i> | <i>Scheduled Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
| 20 | 18 | | | | | | |
| | | | | | | | |
| | | 230 | | | | | |
| | 11 | 50 | | | | | |
| 20 | 29 | 280 | - | - | - | - | - |

Funding Sources

| <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</i> | <i>Scheduled Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
| 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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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:

This project assumes the replacement of 300 linear feet of outfall pipe with outfall diffuser and dissipator 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.

CIP Category:

Surface Water Mgmt

Managing Department:

Plan, Build & PW Admin

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

ANNUAL ALLOCATION

| <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 |

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

Funding Sources

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

OPERATING IMPACT

ANNUAL OPERATING IMPACT

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

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

Pond Safety Improvements



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

Pond Safety Improvements

Project # 451.832

Summary Project Description:

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 west of 16th Ave.; wooden fence replacement to the ponds at 194th/5th and 193rd east of 6th. A total of approximately 1,500 feet of fencing with gate assemblies.

CIP Category:

Surface Water Mgmt

Managing Department:

Public Works

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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 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> |
|---|------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| | | 29 | | | | | |
| | | | | | | | |
| | | 200 | | | | | |
| | | 29 | | | | | |
| - | - | 258 | - | - | - | - | - |

Funding Sources

| <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 |

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> |
|---|------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| | | 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> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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> 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 |
|------------------------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| - | | 39 | | | | | |
| - | | | | | | | |
| - | | 159 | | | | | |
| - | | 59 | | | | | |
| - | - | 257 | - | - | - | - | - |

Funding Sources

| <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> 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 |
|------------------------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | 257 | | | | | |
| - | - | 257 | - | - | - | - | - |

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 |
|---|------|------|------|------|------|------|------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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 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> |
|-------------------------------------|--------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| - | | 94 | | | | | |
| - | | | | | | | |
| - | | | 310 | | | | |
| - | | | 74 | | | | |
| - | - | 94 | 384 | - | - | - | - |

Funding Sources

| <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 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> |
|-------------------------------------|--------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | | 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> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| - | | 85 | | | | | |
| - | | | | | | | |
| - | | | 281 | | | | |
| - | | | 66 | | | | |
| - | - | 85 | 347 | - | - | - | - |

Funding Sources

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

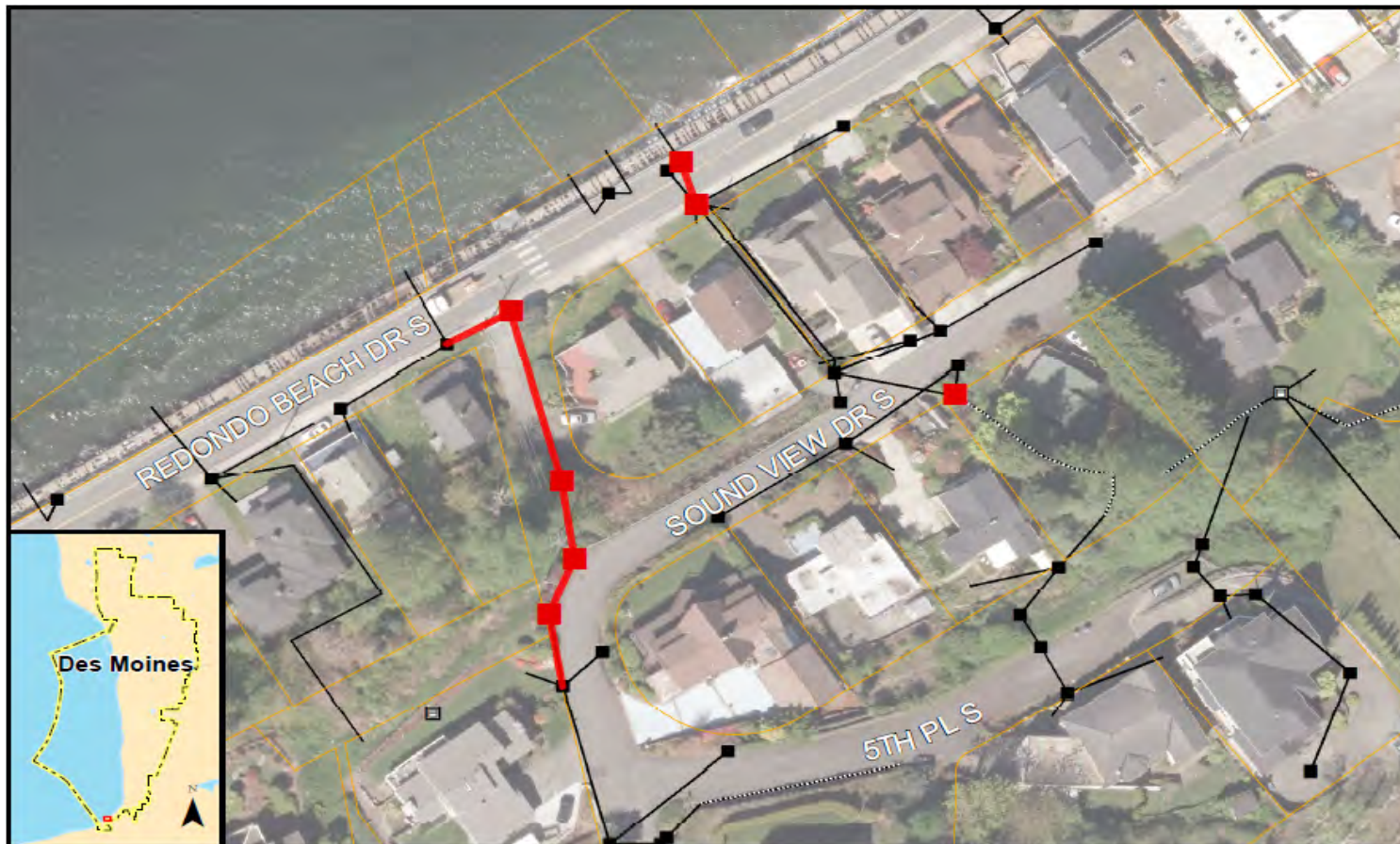
OPERATING IMPACT

| <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> |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |

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

CIP Category:

Surface Water Management

Managing Department:

Public Works

Justification/Benefits:

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.

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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | | 35 | | | | | |
| | | | 125 | | | | |
| | | 10 | 35 | | | | |
| - | - | 45 | 160 | - | - | - | - |

Funding Sources

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

Funding Sources

| <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> <i>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | | | 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> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| - | | | | 54 | | | |
| - | | | | | | | |
| - | | | | 176 | | | |
| - | | | | 42 | | | |
| - | - | - | - | 272 | - | - | - |

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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 | - | - |

Funding Sources

| <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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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:

Surface Water Mgmt

Managing Department:

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

| PROJECT SCOPE | | | |
|---------------------------|----------------|------------------|--------------|
| Expenditures | Current Budget | Requested Change | Total Budget |
| Design | - | 64 | 64 |
| Land & Right of Way | - | - | - |
| Construction | | 210 | 210 |
| Contingency | 190 | (140) | 50 |
| Total Expenditures | 190 | 134 | 324 |

| 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 |
| - | | | | | 64 | | |
| - | | | | | | | |
| - | | | | | 210 | | |
| - | | | | | 50 | | |
| - | - | - | - | - | 324 | - | - |

| Funding Sources | Current Budget | Requested Change | Total Budget |
|-----------------------|----------------|------------------|--------------|
| Surface Water Utility | - | 324 | 324 |
| Total Funding | - | 324 | 324 |

| 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 |
|-----------------------------|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | 324 | | |
| - | - | - | - | - | 324 | - | - |

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

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

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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</i> <i>2024</i> |
|---|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | | | | | 176 | | |
| | | | | | | 600 | |
| | | | | | 35 | 180 | |
| - | - | - | - | - | 211 | 780 | - |

Funding Sources

| <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>12/31/17</i> | <i>Scheduled Year</i> <i>2018</i> | <i>Plan Year</i> <i>2019</i> | <i>Plan Year</i> <i>2020</i> | <i>Plan Year</i> <i>2021</i> | <i>Plan Year</i> <i>2022</i> | <i>Plan Year</i> <i>2023</i> | <i>Plan Year</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> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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>Plan Year</i> | <i>Plan Year</i> | <i>Plan Year</i> | <i>Plan 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> |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |

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 | | | |
|---------------------------|----------------|------------------|--------------|
| Expenditures | Current Budget | Requested Change | Total Budget |
| Design | - | 68 | 68 |
| Land & Right of Way | - | - | - |
| Construction | | 222 | 222 |
| Contingency | - | 53 | 53 |
| Total Expenditures | - | 343 | 343 |

| 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 |
| | | | | | | | 68 |
| | | | | | | | 222 |
| | | | | | | | 53 |
| - | - | - | - | - | - | - | 343 |

| Funding Sources | Current Budget | Requested Change | Total Budget |
|-----------------------|----------------|------------------|--------------|
| Surface Water Utility | - | 343 | 343 |
| Total Funding | - | 343 | 343 |

| 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 |
|--------------------------|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | | | | | 343 |
| - | - | - | - | - | - | - | 343 |

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

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

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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.”