



**Capital Improvement Plan  
FY 2022-2023 BUDGET  
FY 2024-2026 PLAN**

**ADOPTED 3/21/22**

City of Des Moines. Iowa  
*Capital Improvement Plan*  
**2022 thru 2026**

**DEPARTMENT SUMMARY**

| <b>Department</b>    | <b>2022</b>        | <b>2023</b>        | <b>2024</b>        | <b>2025</b>        | <b>2026</b>       | <b>Total</b>       |
|----------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
| Bridge               | 13,696,466         | 21,050,000         | 6,500,000          | 4,000,000          | 2,000,000         | 47,246,466         |
| Fire                 | 7,795,216          | 4,000,000          | 3,490,000          | 3,750,000          | 4,250,000         | 23,285,216         |
| Library              | 4,013,935          | 1,120,000          | 1,140,000          | 1,150,000          | 1,160,000         | 8,583,935          |
| Miscellaneous        | 17,219,250         | 8,277,000          | 8,027,000          | 8,025,000          | 7,275,000         | 48,823,250         |
| Municipal Building   | 61,038,316         | 26,415,001         | 41,368,731         | 23,605,000         | 3,405,000         | 155,832,048        |
| Parking              | 4,813,184          | 1,759,633          | 1,100,000          | 1,100,000          | 1,100,000         | 9,872,817          |
| Parks and Recreation | 19,416,080         | 22,408,638         | 21,872,414         | 11,226,000         | 10,896,000        | 85,819,132         |
| Sanitary Sewer       | 29,699,338         | 5,860,622          | 2,000,000          | 2,000,000          | 2,000,000         | 41,559,960         |
| Storm Water          | 45,720,016         | 24,431,093         | 15,700,000         | 16,340,000         | 7,100,000         | 109,291,109        |
| Street               | 101,824,480        | 98,712,151         | 70,878,166         | 57,754,342         | 47,380,000        | 376,549,139        |
| <b>TOTAL</b>         | <b>305,236,281</b> | <b>214,034,138</b> | <b>172,076,311</b> | <b>128,950,342</b> | <b>86,566,000</b> | <b>906,863,072</b> |

City of Des Moines. Iowa

Capital Improvement Plan

2022 thru 2026

PROJECTS BY DEPARTMENT

| Department                                      | Project #    | 2022              | 2023              | 2024             | 2025             | 2026             | Total             |
|-------------------------------------------------|--------------|-------------------|-------------------|------------------|------------------|------------------|-------------------|
| <b>Bridge</b>                                   |              |                   |                   |                  |                  |                  |                   |
| Citywide Bridges                                | BR003 C032EG | 769,710           | 300,000           | 1,400,000        | 1,000,000        | 2,000,000        | 5,469,710         |
| Scott Ave Bridge over the Des Moines River      | BR051 C032EG | 85,958            |                   |                  |                  |                  | 85,958            |
| Locust Street Bridge over the Des Moines River  | BR052 C032EG | 275,074           |                   |                  |                  |                  | 275,074           |
| Court Ave Bridge over the Des Moines River      | BR054 C032EG | 1,555,934         |                   |                  |                  |                  | 1,555,934         |
| E 30th Street Bridge over Union Pacific RR      | BR055 C032EG | 3,007,315         |                   |                  |                  |                  | 3,007,315         |
| SW 1st St Bridge over the Raccoon River         | BR056 C032EG | 51,663            |                   |                  |                  |                  | 51,663            |
| 2nd Ave Bridge over the Des Moines River        | BR057 C032EG | 3,236,729         | 5,000,000         | 2,000,000        |                  |                  | 10,236,729        |
| Guthrie Ave Bridge over Union Pacific RR        | BR058 C032EG | 309,628           | 4,150,000         | 1,000,000        |                  |                  | 5,459,628         |
| Walnut St Bridge over the Des Moines River      | BR059 C032EG | 1,808,230         | 10,400,000        | 2,100,000        |                  |                  | 14,308,230        |
| SW 8th St & SW 9th St Viaducts                  | BR061 C032EG | 1,196,252         |                   |                  |                  |                  | 1,196,252         |
| SW 9th St Bridge over Middle Creek              | BR062 C032EG | 1,249,973         | 1,000,000         |                  |                  |                  | 2,249,973         |
| Fleur Ave Bridge over Raccoon River             | BR063 C032EG | 150,000           | 200,000           |                  | 3,000,000        |                  | 3,350,000         |
| <b>Bridge Total</b>                             |              | <b>13,696,466</b> | <b>21,050,000</b> | <b>6,500,000</b> | <b>4,000,000</b> | <b>2,000,000</b> | <b>47,246,466</b> |
| <b>Fire</b>                                     |              |                   |                   |                  |                  |                  |                   |
| Fire Equipment Acquisition                      | FR013 C041FD | 6,121,487         | 4,000,000         | 3,490,000        | 3,750,000        | 4,250,000        | 21,611,487        |
| Fire Building Improvements                      | FR016 C041FD | 629,907           |                   |                  |                  |                  | 629,907           |
| NE Fire Station                                 | FR041 C041FD | 1,043,822         |                   |                  |                  |                  | 1,043,822         |
| <b>Fire Total</b>                               |              | <b>7,795,216</b>  | <b>4,000,000</b>  | <b>3,490,000</b> | <b>3,750,000</b> | <b>4,250,000</b> | <b>23,285,216</b> |
| <b>Library</b>                                  |              |                   |                   |                  |                  |                  |                   |
| Collection Additions and Replacement            | LB046 C042LB | 905,000           | 920,000           | 940,000          | 950,000          | 960,000          | 4,675,000         |
| Miscellaneous Building Improvements             | LB055 C042LB | 2,223,237         | 200,000           | 200,000          | 200,000          | 200,000          | 3,023,237         |
| North Side Parking Lot                          | LB063 C042LB | 385,698           |                   |                  |                  |                  | 385,698           |
| Integrated Library System (ILS)                 | LB064 C042LB | 500,000           |                   |                  |                  |                  | 500,000           |
| <b>Library Total</b>                            |              | <b>4,013,935</b>  | <b>1,120,000</b>  | <b>1,140,000</b> | <b>1,150,000</b> | <b>1,160,000</b> | <b>8,583,935</b>  |
| <b>Miscellaneous</b>                            |              |                   |                   |                  |                  |                  |                   |
| Enhanced Information and Communication System   | MS001 C051IT | 3,845,629         | 2,000,000         | 1,000,000        | 1,000,000        | 1,000,000        | 8,845,629         |
| Neighborhood Development Corporation            | MS003 C051CM | 1,000,000         | 1,000,000         | 1,000,000        | 1,000,000        | 1,000,000        | 5,000,000         |
| Neighborhood Finance Corporation                | MS004 C051CM | 1,000,000         | 1,000,000         | 1,000,000        | 1,000,000        | 1,000,000        | 5,000,000         |
| City Tree Replacement Fund (CTRF)               | MS007 C051PW | 306,036           | 225,000           | 225,000          | 225,000          | 225,000          | 1,206,036         |
| Public Art                                      | MS010 C051CM | 100,000           | 200,000           | 200,000          | 200,000          | 200,000          | 900,000           |
| Emerald Ash Borer Response Plan                 | MS012 C051PW | 1,581,442         | 750,000           | 750,000          | 750,000          | 750,000          | 4,581,442         |
| Vacant Residential Property Redevelopment       | MS014 C051CD | 300,795           | 100,000           | 100,000          | 100,000          | 100,000          | 700,795           |
| Permitting and Licensing Management Software    | MS017 C051IT | 568,017           |                   |                  |                  |                  | 568,017           |
| Public Safety Communications System Replacement | MS018 C051PD | 835,474           |                   |                  |                  |                  | 835,474           |
| Ruan Connector                                  | MS019 C051PK | 1,080,000         |                   |                  |                  |                  | 1,080,000         |
| Records Management System                       | MS021 C051PD | 635,000           |                   |                  |                  |                  | 635,000           |
| Land Acquisition                                | MS022 C051EG | 2,336,216         | 127,000           | 127,000          |                  |                  | 2,590,216         |
| Dico Site Improvements                          | MS023 C051CM | 1,420,641         | 250,000           | 250,000          | 250,000          | 250,000          | 2,420,641         |
| SE AG Land Acquisition                          | MS024 C051CD | 750,000           | 875,000           | 875,000          | 750,000          |                  | 3,250,000         |
| Central Iowa Water Trails Contributions         | MS025 C051CM | 250,000           | 750,000           | 1,500,000        | 1,750,000        | 1,750,000        | 6,000,000         |

| Department                 | Project #    | 2022              | 2023             | 2024             | 2025             | 2026             | Total             |
|----------------------------|--------------|-------------------|------------------|------------------|------------------|------------------|-------------------|
| Regional Feature Projects  | MS026 C040PK | 1,210,000         | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 5,210,000         |
| <b>Miscellaneous Total</b> |              | <b>17,219,250</b> | <b>8,277,000</b> | <b>8,027,000</b> | <b>8,025,000</b> | <b>7,275,000</b> | <b>48,823,250</b> |

### Municipal Building

|                                             |              |                   |                   |                   |                   |                  |                    |
|---------------------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|------------------|--------------------|
| Municipal Building Reroofing                | BL044 C034PK | 77,550            | 700,000           | 350,000           | 800,000           | 700,000          | 2,627,550          |
| Police Building Improvements                | BL062 C034PD | 1,386,392         | 475,000           | 375,000           | 75,000            | 75,000           | 2,386,392          |
| Fire Building Improvements                  | BL063 C034PK | 748,852           | 815,000           | 6,190,000         | 3,790,000         | 915,000          | 12,458,852         |
| HVAC, Electrical, and Plumbing Improvements | BL074 C034PK | 415,493           | 389,578           | 575,000           | 250,000           | 250,000          | 1,880,071          |
| Municipal Building Improvements             | BL085 C034PK | 860,739           | 600,000           | 600,000           | 600,000           | 600,000          | 3,260,739          |
| Police Academy Improvements                 | BL095 C034PK |                   |                   | 50,000            | 850,000           |                  | 900,000            |
| Public Works Building Improvements          | BL108 C034PK | 104,312           | 89,578            |                   |                   |                  | 193,890            |
| Energy Conservation                         | BL110 C034PK | 207,082           | 90,000            | 50,000            | 50,000            | 50,000           | 447,082            |
| Municipal Service Center - Phase 2          | BL128 C034PK | 50,734,941        |                   |                   |                   |                  | 50,734,941         |
| Armory Improvements                         | BL129 C034PK | 259,436           | 150,000           | 150,000           |                   |                  | 559,436            |
| Animal Control Facility                     | BL130 C034PD | 1,152,216         | 10,370,845        | 938,731           |                   |                  | 12,461,792         |
| Public Works Salt Storage Facilities        | BL131 C034PK | 477,475           |                   |                   |                   |                  | 477,475            |
| Security Improvements                       | BL132 C034PK | 143,397           | 100,000           | 100,000           | 100,000           | 100,000          | 543,397            |
| City Facility and Armory Replacement        | BL133 C034PK | 550,000           | 9,000,000         | 20,000,000        | 7,000,000         |                  | 36,550,000         |
| Greenhouse Relocation                       | BL134 C034PK | 3,018,584         | 1,550,000         |                   |                   |                  | 4,568,584          |
| Northside Community Recreation Center       | BL135 C034PK | 426,847           | 1,500,000         | 6,000,000         | 6,500,000         |                  | 14,426,847         |
| Fire Station 4                              | BL136 C034PK | 475,000           | 585,000           | 5,990,000         | 3,590,000         |                  | 10,640,000         |
| Fire Station 3                              | BLx05 C034PK |                   |                   |                   |                   | 715,000          | 715,000            |
| <b>Municipal Building Total</b>             |              | <b>61,038,316</b> | <b>26,415,001</b> | <b>41,368,731</b> | <b>23,605,000</b> | <b>3,405,000</b> | <b>155,832,048</b> |

### Parking

|                                                |              |                  |                  |                  |                  |                  |                  |
|------------------------------------------------|--------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Parking Facility Rehabilitation/Repair Program | PG016 E054EG | 1,210,092        | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 5,210,092        |
| Park & Ride Facility Improvements              | PG029 E068EG | 262,725          | 100,000          | 100,000          | 100,000          | 100,000          | 662,725          |
| Parking - On-Street Parking Technology         | PG035 E054EG | 3,340,367        | 659,633          |                  |                  |                  | 4,000,000        |
| <b>Parking Total</b>                           |              | <b>4,813,184</b> | <b>1,759,633</b> | <b>1,100,000</b> | <b>1,100,000</b> | <b>1,100,000</b> | <b>9,872,817</b> |

### Parks and Recreation

|                                           |              |           |           |           |           |           |            |
|-------------------------------------------|--------------|-----------|-----------|-----------|-----------|-----------|------------|
| Community Recreation Center Improvements  | PK033 C040PK | 17,298    |           |           |           |           | 17,298     |
| Sprayground Improvements                  | PK034 C040PK | 267,709   | 714,000   | 1,136,000 | 650,000   | 1,100,000 | 3,867,709  |
| Multi-Use Trails                          | PK045 C040PK | 1,645,673 | 2,044,850 | 2,010,000 | 900,000   | 600,000   | 7,200,523  |
| Principal Park                            | PK132 C040PK | 773,496   | 4,256,000 | 2,651,000 | 116,000   | 116,000   | 7,912,496  |
| Park Improvements                         | PK137 C040PK | 2,282,211 | 4,175,500 | 1,779,500 | 1,630,000 | 1,395,000 | 11,262,211 |
| Cemetery Infrastructure and Improvements  | PK138 C040PK | 270,369   | 1,110,000 | 1,885,000 | 225,000   | 300,000   | 3,790,369  |
| Gray's Lake Park Improvements             | PK140 C040PK | 213,856   | 1,225,000 | 100,000   | 100,000   | 100,000   | 1,738,856  |
| Park Building Improvements                | PK143 C040PK | 1,098,393 | 555,000   | 1,215,000 | 525,000   | 635,000   | 4,028,393  |
| Swimming Pools and Aquatic Infrastructure | PK153 C040PK | 328,693   | 965,000   | 335,000   | 200,000   | 200,000   | 2,028,693  |
| Principal Riverwalk                       | PK162 C040PK | 351,119   | 325,000   | 325,000   | 325,000   | 100,000   | 1,426,119  |
| Urban Conservation Projects               | PK167 C040PK | 181,022   | 297,500   | 1,140,000 | 100,000   | 100,000   | 1,818,522  |
| Park Infrastructure                       | PK175 C040PK | 4,362,749 | 1,000,000 | 1,460,000 | 1,460,000 | 1,695,000 | 9,977,749  |
| Sports Complexes                          | PK176 C040PK | 119,004   | 100,000   | 85,000    | 740,000   | 300,000   | 1,344,004  |
| MacRae Park Improvements                  | PK179 C040PK | 2,898,697 | 200,000   |           |           |           | 3,098,697  |
| Watershed Park Amenities                  | PK180 C040PK | 899,771   | 650,000   | 100,000   | 100,000   | 250,000   | 1,999,771  |
| Riverview - Earthwork and Stage           | PK181 C040PK | 28,967    |           |           |           |           | 28,967     |
| Riverview Park - Site Plaza and Shelter   | PK182 C040PK | 4,609     |           |           |           |           | 4,609      |
| Carl Voss Multi-Use Recreational Trail    | PK183 C040PK | 168,444   |           |           |           |           | 168,444    |
| Witmer Park Improvements                  | PK184 C040PK | 737,450   |           |           |           |           | 737,450    |
| Park Playground Improvements              | PK185 C040PK | 794,984   | 465,000   | 625,000   | 575,000   | 325,000   | 2,784,984  |
| Chesterfield Park Improvements            | PK187 C040PK | 1,015,878 | 936,000   |           |           |           | 1,951,878  |
| Weeks School Park Improvements            | PK188 C040PK | 18,725    |           |           |           |           | 18,725     |
| Birdland Park and Marina                  | PK189 C040PK | 778       | 500,000   | 2,500,000 | 2,000,000 | 2,000,000 | 7,000,778  |

| Department                           | Project #    | 2022              | 2023              | 2024              | 2025              | 2026              | Total             |
|--------------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Carlisle Connection Trail            | PK190 C040PK | 91,240            | 1,650,000         | 2,090,914         |                   |                   | 3,832,154         |
| Central Place Levee Trail            | PK193 C040PK |                   | 9,788             | 750,000           | 1,580,000         | 1,680,000         | 4,019,788         |
| Fleur Drive Medians                  | PK195 C040PK | 844,945           | 1,180,000         | 125,000           |                   |                   | 2,149,945         |
| Birdland Sports Complex Improvements | PK196 C040PK |                   | 50,000            | 1,560,000         |                   |                   | 1,610,000         |
| <b>Parks and Recreation Total</b>    |              | <b>19,416,080</b> | <b>22,408,638</b> | <b>21,872,414</b> | <b>11,226,000</b> | <b>10,896,000</b> | <b>85,819,132</b> |

| <b>Sanitary Sewer</b>                       |              |                   |                  |                  |                  |                  |                   |
|---------------------------------------------|--------------|-------------------|------------------|------------------|------------------|------------------|-------------------|
| Sanitary Sewer Lining and Repairs           | SS049 E104PW | 4,085,676         | 2,030,000        | 2,000,000        | 2,000,000        | 2,000,000        | 12,115,676        |
| Sanitary Sewer Trunk Sewers                 | SS120 E104PW | 3,169,333         | 1,830,622        |                  |                  |                  | 4,999,955         |
| Near West Side Sewer Separation             | SS132 E104PW | 7,247,000         |                  |                  |                  |                  | 7,247,000         |
| River Bend and King Irving Sewer Separation | SS138 E104PW | 995,860           |                  |                  |                  |                  | 995,860           |
| Western Ingersoll Run Sewer Separation      | SS139 E104PW | 14,201,469        | 2,000,000        |                  |                  |                  | 16,201,469        |
| <b>Sanitary Sewer Total</b>                 |              | <b>29,699,338</b> | <b>5,860,622</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>41,559,960</b> |

| <b>Storm Water</b>                           |              |                   |                   |                   |                   |                  |                    |
|----------------------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|------------------|--------------------|
| City-wide Storm Water Utility Projects       | SM057 E304PW | 5,972,948         | 2,850,000         | 1,500,000         | 1,500,000         | 1,500,000        | 13,322,948         |
| Easter Lake Watershed Improvements           | SM061 E304PW | 602,249           | 594,483           |                   |                   |                  | 1,196,732          |
| Closes Creek Watershed Improvements          | SM068 E304PW | 5,162,997         | 4,000,000         | 2,500,000         | 2,500,000         |                  | 14,162,997         |
| Storm Water Pump Station Rehabilitation      | SM073 E304PW | 6,491,835         |                   |                   |                   |                  | 6,491,835          |
| Crawford Creek Improvements                  | SM074 E304PW | 359,880           | 200,000           | 200,000           | 200,000           |                  | 959,880            |
| Leetown Creekway - Outlet Improvements       | SM075 E304PW | 130,934           | 130,934           |                   |                   |                  | 261,868            |
| Flood Mitigation Improvements                | SM087 E304PW | 18,186,203        | 11,625,000        | 7,100,000         | 7,100,000         | 5,600,000        | 49,611,203         |
| Hamilton Drainage Area Improvements          | SM133 E304PW | 6,100,000         | 4,930,000         | 4,400,000         | 5,040,000         |                  | 20,470,000         |
| Levee Maintenance and Improvements           | SM134 E304PW | 2,511,186         |                   |                   |                   |                  | 2,511,186          |
| Gray's Station Detention Basins              | SM135 E304PW | 101,784           | 100,676           |                   |                   |                  | 202,460            |
| George Flagg Parkway Levee Replacement Study | SM137 E304PW | 100,000           |                   |                   |                   |                  | 100,000            |
| <b>Storm Water Total</b>                     |              | <b>45,720,016</b> | <b>24,431,093</b> | <b>15,700,000</b> | <b>16,340,000</b> | <b>7,100,000</b> | <b>109,291,109</b> |

| <b>Street</b>                                      |              |            |            |            |           |           |            |
|----------------------------------------------------|--------------|------------|------------|------------|-----------|-----------|------------|
| Public Works - Asphalt Road Improvements           | ST003 C038PW | 1,093,568  | 1,102,023  | 1,375,000  | 1,375,000 | 1,375,000 | 6,320,591  |
| Roadway Rehabilitation - Residential               | ST013 C038EG | 3,751,889  | 1,500,000  | 1,500,000  | 1,500,000 | 1,500,000 | 9,751,889  |
| PCC Pavement Replacement Program                   | ST065 C038EG | 407,761    | 1,010,000  | 225,000    | 225,000   | 225,000   | 2,092,761  |
| Public Works - Concrete Street and Curb Rehab      | ST102 C038PW | 1,956,551  | 2,125,000  | 2,125,000  | 2,125,000 | 2,125,000 | 10,456,551 |
| Railroad Crossing Surface Repairs & Signal Improv. | ST139 C038EG | 205,230    | 100,000    | 100,000    | 300,000   | 100,000   | 805,230    |
| McKinley Ave Improvements                          | ST212 C038EG | 1,234,933  | 4,300,000  | 1,000,000  | 2,700,000 | 1,000,000 | 10,234,933 |
| Roadway Rehabilitation - Collector                 | ST217 C038PW | 2,142,959  | 2,138,755  | 2,750,000  | 2,750,000 | 2,750,000 | 12,531,714 |
| Walnut Streetscape                                 | ST252 C038EG | 582,126    |            |            |           |           | 582,126    |
| Southeast Connector - SE 30th St to US 65          | ST256 C038EG | 10,380,310 | 32,027,755 | 11,000,000 | 7,000,000 | 1,000,000 | 61,408,065 |
| East 42nd & Hubbell Ave Intersection Improvements  | ST257 C038EG | 31,381     |            |            |           |           | 31,381     |
| Hubbell Ave Improvements - E 33rd St to E 38th St  | ST259 C038EG | 86,161     |            |            |           |           | 86,161     |
| Roadway Reconstruction                             | ST260 C038EG | 3,786,212  | 1,150,000  | 1,150,000  | 1,150,000 | 1,150,000 | 8,386,212  |
| Connect Downtown                                   | ST261 C038EG | 49,671     |            |            |           |           | 49,671     |
| East Village Street Improvements                   | ST262 C038EG | 6,420      |            |            |           |           | 6,420      |
| Easton Blvd - University Ave - Four Mile Creek     | ST263 C038EG | 361,369    | 1,200,000  |            |           |           | 1,561,369  |
| Indianola Ave Improve - E Army Post Rd to Hwy 69   | ST264 C038EG | 2,952,946  | 3,900,000  |            |           |           | 6,852,946  |
| Corridor Improvements                              | ST265 C038EG | 67,241     |            |            |           |           | 67,241     |
| Sixth Ave Streetscape                              | ST266 C038EG | 4,586,205  | 1,000,000  | 1,250,000  |           |           | 6,836,205  |
| Roadway Reconstruction - Fleur Drive               | ST267 C038EG | 9,147,574  | 3,583,715  | 2,500,000  |           |           | 15,231,289 |
| Active Transportation                              | ST269 C038EG | 3,528,961  | 180,901    | 1,550,000  | 750,000   | 1,580,000 | 7,589,862  |
| East Douglas Ave Reconstruction - E 42nd - E 56th  | ST270 C038EG | 8,308,980  | 275,000    |            |           |           | 8,583,980  |
| Gray's Parkway                                     | ST271 C038EG | 951,281    | 100,000    |            |           |           | 1,051,281  |
| Merle Hay Road and Hickman Road Intersection       | ST272 C038EG | 481        |            |            |           |           | 481        |
| Hubbell Ave & E Broadway Ave Intersection          | ST273 C038EG | 122,174    |            |            |           |           | 122,174    |
| SE 7th Street Reconstruction & Trunk Sewer         | ST274 C038EG | 1,260,337  |            |            |           |           | 1,260,337  |

| Department                                         | Project #    | 2022               | 2023               | 2024               | 2025               | 2026              | Total              |
|----------------------------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
| University Ave - 48th Street to 31st Street        | ST275 C038EG | 244,141            | 2,500,000          |                    |                    |                   | 2,744,141          |
| Ingersoll Streetscape                              | ST276 C038EG | 6,832,697          | 2,105,658          | 3,170,000          | 3,004,342          | 5,600,000         | 20,712,697         |
| Roadway Reconstruction - Second Ave                | ST277 C038EG | 6,864,098          | 2,850,000          | 3,000,000          | 3,750,000          |                   | 16,464,098         |
| Beaver Ave to Downtown Bike Lane Connection        | ST278 C038EG | 150,000            | 400,000            | 100,000            |                    |                   | 650,000            |
| SW Infrastructure & Planning                       | ST280 C038EG | 287,321            | 425,000            | 700,000            | 1,500,000          |                   | 2,912,321          |
| SE 30th Street Improv - RR Viaduct to SE Connector | ST281 C038EG |                    | 178,344            |                    |                    |                   | 178,344            |
| Market District Infrastructure Improvements        | ST282 C038EG | 5,379,573          | 8,175,000          | 9,500,000          | 7,000,000          | 1,550,000         | 31,604,573         |
| 18th Street & 19th Street Realignment              | ST283 C038EG | 1,096,498          | 2,000,000          |                    |                    |                   | 3,096,498          |
| Euclid Roadway Reconfiguration 12th St to 2nd Ave  | ST284 C038EG | 384,300            | 125,000            | 2,450,000          |                    |                   | 2,959,300          |
| 5th Ave One-Way to Two-Way                         | ST285 C038EG | 1,682,668          | 1,000,000          |                    |                    |                   | 2,682,668          |
| Franklin Ave - Beaver Ave to Merle Hay Road        | ST286 C038EG | 143,216            | 1,100,000          |                    |                    |                   | 1,243,216          |
| Midblock Pedestrian Signal Upgrades                | ST287 C038EG | 972,807            | 500,000            | 500,000            | 500,000            | 500,000           | 2,972,807          |
| SW 11th St & Tuttle St Traffic Improvements        | ST288 C038EG | 480,000            | 500,000            |                    |                    |                   | 980,000            |
| Douglas Avenue Merle Hay Road to Lower Beaver Road | ST289 C038EG | 563,361            |                    |                    |                    | 4,000,000         | 4,563,361          |
| East 30th Street and University Avenue             | ST290 C038EG | 506,274            | 700,000            |                    |                    |                   | 1,206,274          |
| 41st Street & Beaver Avenue                        | ST292 C038EG |                    | 50,000             | 600,000            | 600,000            |                   | 1,250,000          |
| Traffic Safety Study: E. Army Post Road            | ST293 C038EG | 100,000            |                    |                    |                    |                   | 100,000            |
| SW 14th Street and MLK Traffic Improvements        | ST294 C038EG | 50,000             | 500,000            |                    |                    |                   | 550,000            |
| SW 16th Street and MLK Traffic Improvements        | ST295 C038EG |                    | 50,000             | 500,000            |                    |                   | 550,000            |
| Tuttle Street Improvements                         | ST296 C038EG | 50,000             | 450,000            | 650,000            |                    |                   | 1,150,000          |
| East Locust Streetscape Repairs                    | ST297 C038EG | 110,000            | 1,525,000          | 624,822            |                    |                   | 2,259,822          |
| E. 6th St. to E. 7th St./Penn Ave Corridor Study   | ST298 C038EG | 125,000            |                    |                    |                    |                   | 125,000            |
| Downtown Pedestrian Wayfinding Signage             | ST299 C038EG |                    |                    |                    | 25,000             | 375,000           | 400,000            |
| Downtown Banner Arm Replacement                    | ST300 C038EG | 100,000            |                    |                    |                    |                   | 100,000            |
| 6th Ave Lane Reconfiguration - Hickman to Euclid   | ST301 C038EG |                    |                    | 30,000             | 350,000            |                   | 380,000            |
| Tuttle Street Complete Street                      | ST302 C038EG | 50,000             |                    | 50,000             |                    | 500,000           | 600,000            |
| E Army Post Road & SE 36th St Intersection Improv. | ST303 C038EG | 400,000            | 100,000            |                    | 1,000,000          | 1,000,000         | 2,500,000          |
| Lower Beaver and Aurora Improvements               | ST304 C038EG |                    |                    | 75,000             | 175,000            |                   | 250,000            |
| 2nd Ave Improvements - Court Ave to I-235          | ST305 C038EG |                    | 60,000             | 800,000            |                    |                   | 860,000            |
| Merle Hay Corridor Plan                            | ST306 C038EG | 125,000            | 100,000            |                    | 1,000,000          | 1,000,000         | 2,225,000          |
| BUILD Grant - Broadway from 2nd Ave to Hubbell     | ST307 C038EG |                    |                    | 3,400,000          |                    |                   | 3,400,000          |
| Watrous Avenue Extension                           | ST308 C038EG |                    | 450,000            | 403,344            |                    |                   | 853,344            |
| SE 14th Street and Maury Street Improvements       | ST309 C038EG |                    | 250,000            | 125,000            | 375,000            | 1,750,000         | 2,500,000          |
| MLK Pavement Replacement                           | ST310 C038EG |                    | 1,250,000          |                    |                    |                   | 1,250,000          |
| 19th Street and MLK Modifications                  | ST311 C038EG |                    | 125,000            | 1,625,000          |                    |                   | 1,750,000          |
| 30th Street Sidewalk                               | ST312 C038EG |                    |                    | 50,000             | 300,000            |                   | 350,000            |
| Downtown 2-Way Conversion - Grand & Locust         | ST313 C038EG |                    | 500,000            | 500,000            | 4,000,000          | 4,000,000         | 9,000,000          |
| Parking Lot between City Hall and E 2nd Garage     | ST314 C038EG |                    | 100,000            |                    |                    |                   | 100,000            |
| Federal Title 23 Land Sales                        | ST500 C038EG |                    | 0                  |                    |                    |                   | 0                  |
| LOSST Street Improvements                          | ST800 C038EG | 5,201,782          | 6,650,000          | 7,000,000          | 7,000,000          | 7,000,000         | 32,851,782         |
| Sidewalks - School and Priority Routes             | SW081 C038EG | 2,366,939          | 3,000,000          | 2,000,000          | 2,000,000          | 2,000,000         | 11,366,939         |
| Easter Lake Drive Sidewalk                         | SW082 C038EG |                    | 500,000            | 1,700,000          |                    |                   | 2,200,000          |
| Sidewalk Replacement                               | SW084 C038EG | 976,422            | 700,000            | 700,000            | 700,000            | 700,000           | 3,776,422          |
| Skywalk System                                     | SW094 C038EG | 1,035,897          | 250,000            | 250,000            | 250,000            | 250,000           | 2,035,897          |
| Sidewalks - ADA Compliance                         | SW095 C038EG | 120,989            |                    |                    |                    |                   | 120,989            |
| Traffic Studies & Improvements                     | TR031 C038EG | 803,668            | 500,000            | 500,000            | 500,000            | 500,000           | 2,803,668          |
| Traffic Signals - Replacement                      | TR091 C038EG | 1,328,305          | 1,450,000          | 1,450,000          | 1,450,000          | 1,450,000         | 7,128,305          |
| Traffic System Operation Improvements              | TR097 C038EG | 4,667,897          | 1,500,000          | 1,500,000          | 2,000,000          | 2,000,000         | 11,667,897         |
| LED Street Lighting Upgrades                       | TR100 C038EG | 300,001            | 150,000            | 150,000            | 150,000            | 150,000           | 900,001            |
| Transportation Master Plan                         | TR101 C038EG | 351,928            |                    |                    |                    |                   | 351,928            |
| Traffic & Pedestrian Signals - New                 | TR102 C038EG | 970,977            | 250,000            | 250,000            | 250,000            | 250,000           | 1,970,977          |
| <b>Street Total</b>                                |              | <b>101,824,480</b> | <b>98,712,151</b>  | <b>70,878,166</b>  | <b>57,754,342</b>  | <b>47,380,000</b> | <b>376,549,139</b> |
| <b>GRAND TOTAL</b>                                 |              | <b>305,236,281</b> | <b>214,034,138</b> | <b>172,076,311</b> | <b>128,950,342</b> | <b>86,566,000</b> | <b>906,863,072</b> |

City of Des Moines. Iowa  
*Capital Improvement Plan*  
**2022 thru 2026**

**PROJECTS BY CATEGORY**

| Category                                       | Project #    | 2022              | 2023              | 2024              | 2025              | 2026             | Total              |
|------------------------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|------------------|--------------------|
| <b>Bridge Improvements</b>                     |              |                   |                   |                   |                   |                  |                    |
| Citywide Bridges                               | BR003 C032EG | 769,710           | 300,000           | 1,400,000         | 1,000,000         | 2,000,000        | 5,469,710          |
| Scott Ave Bridge over the Des Moines River     | BR051 C032EG | 85,958            |                   |                   |                   |                  | 85,958             |
| Locust Street Bridge over the Des Moines River | BR052 C032EG | 275,074           |                   |                   |                   |                  | 275,074            |
| Court Ave Bridge over the Des Moines River     | BR054 C032EG | 1,555,934         |                   |                   |                   |                  | 1,555,934          |
| E 30th Street Bridge over Union Pacific RR     | BR055 C032EG | 3,007,315         |                   |                   |                   |                  | 3,007,315          |
| SW 1st St Bridge over the Raccoon River        | BR056 C032EG | 51,663            |                   |                   |                   |                  | 51,663             |
| 2nd Ave Bridge over the Des Moines River       | BR057 C032EG | 3,236,729         | 5,000,000         | 2,000,000         |                   |                  | 10,236,729         |
| Guthrie Ave Bridge over Union Pacific RR       | BR058 C032EG | 309,628           | 4,150,000         | 1,000,000         |                   |                  | 5,459,628          |
| Walnut St Bridge over the Des Moines River     | BR059 C032EG | 1,808,230         | 10,400,000        | 2,100,000         |                   |                  | 14,308,230         |
| SW 8th St & SW 9th St Viaducts                 | BR061 C032EG | 1,196,252         |                   |                   |                   |                  | 1,196,252          |
| SW 9th St Bridge over Middle Creek             | BR062 C032EG | 1,249,973         | 1,000,000         |                   |                   |                  | 2,249,973          |
| Fleur Ave Bridge over Raccoon River            | BR063 C032EG | 150,000           | 200,000           |                   | 3,000,000         |                  | 3,350,000          |
| <b>Bridge Improvements Total</b>               |              | <b>13,696,466</b> | <b>21,050,000</b> | <b>6,500,000</b>  | <b>4,000,000</b>  | <b>2,000,000</b> | <b>47,246,466</b>  |
| <b>Building Improvements</b>                   |              |                   |                   |                   |                   |                  |                    |
| Municipal Building Reroofing                   | BL044 C034PK | 77,550            | 700,000           | 350,000           | 800,000           | 700,000          | 2,627,550          |
| Police Building Improvements                   | BL062 C034PD | 1,386,392         | 475,000           | 375,000           | 75,000            | 75,000           | 2,386,392          |
| Fire Building Improvements                     | BL063 C034PK | 748,852           | 815,000           | 6,190,000         | 3,790,000         | 915,000          | 12,458,852         |
| HVAC, Electrical, and Plumbing Improvements    | BL074 C034PK | 415,493           | 389,578           | 575,000           | 250,000           | 250,000          | 1,880,071          |
| Municipal Building Improvements                | BL085 C034PK | 860,739           | 600,000           | 600,000           | 600,000           | 600,000          | 3,260,739          |
| Police Academy Improvements                    | BL095 C034PK |                   |                   | 50,000            | 850,000           |                  | 900,000            |
| Public Works Building Improvements             | BL108 C034PK | 104,312           | 89,578            |                   |                   |                  | 193,890            |
| Energy Conservation                            | BL110 C034PK | 207,082           | 90,000            | 50,000            | 50,000            | 50,000           | 447,082            |
| Municipal Service Center - Phase 2             | BL128 C034PK | 50,734,941        |                   |                   |                   |                  | 50,734,941         |
| Armory Improvements                            | BL129 C034PK | 259,436           | 150,000           | 150,000           |                   |                  | 559,436            |
| Animal Control Facility                        | BL130 C034PD | 1,152,216         | 10,370,845        | 938,731           |                   |                  | 12,461,792         |
| Public Works Salt Storage Facilities           | BL131 C034PK | 477,475           |                   |                   |                   |                  | 477,475            |
| Security Improvements                          | BL132 C034PK | 143,397           | 100,000           | 100,000           | 100,000           | 100,000          | 543,397            |
| City Facility and Armory Replacement           | BL133 C034PK | 550,000           | 9,000,000         | 20,000,000        | 7,000,000         |                  | 36,550,000         |
| Fire Station 4                                 | BL136 C034PK | 475,000           | 585,000           | 5,990,000         | 3,590,000         |                  | 10,640,000         |
| Fire Station 3                                 | BLx05 C034PK |                   |                   |                   |                   | 715,000          | 715,000            |
| Fire Building Improvements                     | FR016 C041FD | 629,907           |                   |                   |                   |                  | 629,907            |
| NE Fire Station                                | FR041 C041FD | 1,043,822         |                   |                   |                   |                  | 1,043,822          |
| Miscellaneous Building Improvements            | LB055 C042LB | 2,223,237         | 200,000           | 200,000           | 200,000           | 200,000          | 3,023,237          |
| North Side Parking Lot                         | LB063 C042LB | 385,698           |                   |                   |                   |                  | 385,698            |
| <b>Building Improvements Total</b>             |              | <b>61,875,549</b> | <b>23,565,001</b> | <b>35,568,731</b> | <b>17,305,000</b> | <b>3,605,000</b> | <b>141,919,281</b> |
| <b>Equipment</b>                               |              |                   |                   |                   |                   |                  |                    |
| Fire Equipment Acquisition                     | FR013 C041FD | 6,121,487         | 4,000,000         | 3,490,000         | 3,750,000         | 4,250,000        | 21,611,487         |
| Enhanced Information and Communication System  | MS001 C051IT | 3,845,629         | 2,000,000         | 1,000,000         | 1,000,000         | 1,000,000        | 8,845,629          |
| <b>Equipment Total</b>                         |              | <b>9,967,116</b>  | <b>6,000,000</b>  | <b>4,490,000</b>  | <b>4,750,000</b>  | <b>5,250,000</b> | <b>30,457,116</b>  |

| Category                                        | Project #    | 2022              | 2023              | 2024              | 2025              | 2026              | Total              |
|-------------------------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| <b>Information Technology</b>                   |              |                   |                   |                   |                   |                   |                    |
| Integrated Library System (ILS)                 | LB064 C042LB | 500,000           |                   |                   |                   |                   | 500,000            |
| Permitting and Licensing Management Software    | MS017 C051IT | 568,017           |                   |                   |                   |                   | 568,017            |
| Records Management System                       | MS021 C051PD | 635,000           |                   |                   |                   |                   | 635,000            |
| <b>Information Technology Total</b>             |              | <b>1,703,017</b>  |                   |                   |                   |                   | <b>1,703,017</b>   |
| <b>Other</b>                                    |              |                   |                   |                   |                   |                   |                    |
| Collection Additions and Replacement            | LB046 C042LB | 905,000           | 920,000           | 940,000           | 950,000           | 960,000           | 4,675,000          |
| Neighborhood Development Corporation            | MS003 C051CM | 1,000,000         | 1,000,000         | 1,000,000         | 1,000,000         | 1,000,000         | 5,000,000          |
| Neighborhood Finance Corporation                | MS004 C051CM | 1,000,000         | 1,000,000         | 1,000,000         | 1,000,000         | 1,000,000         | 5,000,000          |
| City Tree Replacement Fund (CTRF)               | MS007 C051PW | 306,036           | 225,000           | 225,000           | 225,000           | 225,000           | 1,206,036          |
| Public Art                                      | MS010 C051CM | 100,000           | 200,000           | 200,000           | 200,000           | 200,000           | 900,000            |
| Emerald Ash Borer Response Plan                 | MS012 C051PW | 1,581,442         | 750,000           | 750,000           | 750,000           | 750,000           | 4,581,442          |
| Vacant Residential Property Redevelopment       | MS014 C051CD | 300,795           | 100,000           | 100,000           | 100,000           | 100,000           | 700,795            |
| Public Safety Communications System Replacement | MS018 C051PD | 835,474           |                   |                   |                   |                   | 835,474            |
| Land Acquisition                                | MS022 C051EG | 2,336,216         | 127,000           | 127,000           |                   |                   | 2,590,216          |
| Dico Site Improvements                          | MS023 C051CM | 1,420,641         | 250,000           | 250,000           | 250,000           | 250,000           | 2,420,641          |
| SE AG Land Acquisition                          | MS024 C051CD | 750,000           | 875,000           | 875,000           | 750,000           |                   | 3,250,000          |
| Central Iowa Water Trails Contributions         | MS025 C051CM | 250,000           | 750,000           | 1,500,000         | 1,750,000         | 1,750,000         | 6,000,000          |
| Regional Feature Projects                       | MS026 C040PK | 1,210,000         | 1,000,000         | 1,000,000         | 1,000,000         | 1,000,000         | 5,210,000          |
| <b>Other Total</b>                              |              | <b>11,995,604</b> | <b>7,197,000</b>  | <b>7,967,000</b>  | <b>7,975,000</b>  | <b>7,235,000</b>  | <b>42,369,604</b>  |
| <b>Park &amp; Trail Improvements</b>            |              |                   |                   |                   |                   |                   |                    |
| Greenhouse Relocation                           | BL134 C034PK | 3,018,584         | 1,550,000         |                   |                   |                   | 4,568,584          |
| Northside Community Recreation Center           | BL135 C034PK | 426,847           | 1,500,000         | 6,000,000         | 6,500,000         |                   | 14,426,847         |
| Ruan Connector                                  | MS019 C051PK | 1,080,000         |                   |                   |                   |                   | 1,080,000          |
| Community Recreation Center Improvements        | PK033 C040PK | 17,298            |                   |                   |                   |                   | 17,298             |
| Sprayground Improvements                        | PK034 C040PK | 267,709           | 714,000           | 1,136,000         | 650,000           | 1,100,000         | 3,867,709          |
| Multi-Use Trails                                | PK045 C040PK | 1,645,673         | 2,044,850         | 2,010,000         | 900,000           | 600,000           | 7,200,523          |
| Principal Park                                  | PK132 C040PK | 773,496           | 4,256,000         | 2,651,000         | 116,000           | 116,000           | 7,912,496          |
| Park Improvements                               | PK137 C040PK | 2,282,211         | 4,175,500         | 1,779,500         | 1,630,000         | 1,395,000         | 11,262,211         |
| Cemetery Infrastructure and Improvements        | PK138 C040PK | 270,369           | 1,110,000         | 1,885,000         | 225,000           | 300,000           | 3,790,369          |
| Gray's Lake Park Improvements                   | PK140 C040PK | 213,856           | 1,225,000         | 100,000           | 100,000           | 100,000           | 1,738,856          |
| Park Building Improvements                      | PK143 C040PK | 1,098,393         | 555,000           | 1,215,000         | 525,000           | 635,000           | 4,028,393          |
| Swimming Pools and Aquatic Infrastructure       | PK153 C040PK | 328,693           | 965,000           | 335,000           | 200,000           | 200,000           | 2,028,693          |
| Principal Riverwalk                             | PK162 C040PK | 351,119           | 325,000           | 325,000           | 325,000           | 100,000           | 1,426,119          |
| Urban Conservation Projects                     | PK167 C040PK | 181,022           | 297,500           | 1,140,000         | 100,000           | 100,000           | 1,818,522          |
| Park Infrastructure                             | PK175 C040PK | 4,362,749         | 1,000,000         | 1,460,000         | 1,460,000         | 1,695,000         | 9,977,749          |
| Sports Complexes                                | PK176 C040PK | 119,004           | 100,000           | 85,000            | 740,000           | 300,000           | 1,344,004          |
| MacRae Park Improvements                        | PK179 C040PK | 2,898,697         | 200,000           |                   |                   |                   | 3,098,697          |
| Watershed Park Amenities                        | PK180 C040PK | 899,771           | 650,000           | 100,000           | 100,000           | 250,000           | 1,999,771          |
| Riverview - Earthwork and Stage                 | PK181 C040PK | 28,967            |                   |                   |                   |                   | 28,967             |
| Riverview Park - Site Plaza and Shelter         | PK182 C040PK | 4,609             |                   |                   |                   |                   | 4,609              |
| Carl Voss Multi-Use Recreational Trail          | PK183 C040PK | 168,444           |                   |                   |                   |                   | 168,444            |
| Witmer Park Improvements                        | PK184 C040PK | 737,450           |                   |                   |                   |                   | 737,450            |
| Park Playground Improvements                    | PK185 C040PK | 794,984           | 465,000           | 625,000           | 575,000           | 325,000           | 2,784,984          |
| Chesterfield Park Improvements                  | PK187 C040PK | 1,015,878         | 936,000           |                   |                   |                   | 1,951,878          |
| Weeks School Park Improvements                  | PK188 C040PK | 18,725            |                   |                   |                   |                   | 18,725             |
| Birdland Park and Marina                        | PK189 C040PK | 778               | 500,000           | 2,500,000         | 2,000,000         | 2,000,000         | 7,000,778          |
| Carlisle Connection Trail                       | PK190 C040PK | 91,240            | 1,650,000         | 2,090,914         |                   |                   | 3,832,154          |
| Central Place Levee Trail                       | PK193 C040PK |                   | 9,788             | 750,000           | 1,580,000         | 1,680,000         | 4,019,788          |
| Fleur Drive Medians                             | PK195 C040PK | 844,945           | 1,180,000         | 125,000           |                   |                   | 2,149,945          |
| Birdland Sports Complex Improvements            | PK196 C040PK |                   | 50,000            | 1,560,000         |                   |                   | 1,610,000          |
| <b>Park &amp; Trail Improvements Total</b>      |              | <b>23,941,511</b> | <b>25,458,638</b> | <b>27,872,414</b> | <b>17,726,000</b> | <b>10,896,000</b> | <b>105,894,563</b> |

| Category                                           | Project #    | 2022              | 2023              | 2024              | 2025              | 2026             | Total              |
|----------------------------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|------------------|--------------------|
| <b>Parking Facility Improvements</b>               |              |                   |                   |                   |                   |                  |                    |
| Parking Facility Rehabilitation/Repair Program     | PG016 E054EG | 1,210,092         | 1,000,000         | 1,000,000         | 1,000,000         | 1,000,000        | 5,210,092          |
| Park & Ride Facility Improvements                  | PG029 E068EG | 262,725           | 100,000           | 100,000           | 100,000           | 100,000          | 662,725            |
| Parking - On-Street Parking Technology             | PG035 E054EG | 3,340,367         | 659,633           |                   |                   |                  | 4,000,000          |
| <b>Parking Facility Improvements Total</b>         |              | <b>4,813,184</b>  | <b>1,759,633</b>  | <b>1,100,000</b>  | <b>1,100,000</b>  | <b>1,100,000</b> | <b>9,872,817</b>   |
| <b>Sanitary Sewer Improvements</b>                 |              |                   |                   |                   |                   |                  |                    |
| Sanitary Sewer Lining and Repairs                  | SS049 E104PW | 4,085,676         | 2,030,000         | 2,000,000         | 2,000,000         | 2,000,000        | 12,115,676         |
| Sanitary Sewer Trunk Sewers                        | SS120 E104PW | 3,169,333         | 1,830,622         |                   |                   |                  | 4,999,955          |
| Near West Side Sewer Separation                    | SS132 E104PW | 7,247,000         |                   |                   |                   |                  | 7,247,000          |
| River Bend and King Irving Sewer Separation        | SS138 E104PW | 995,860           |                   |                   |                   |                  | 995,860            |
| SE 7th Street Reconstruction & Trunk Sewer         | ST274 C038EG | 1,260,337         |                   |                   |                   |                  | 1,260,337          |
| <b>Sanitary Sewer Improvements Total</b>           |              | <b>16,758,206</b> | <b>3,860,622</b>  | <b>2,000,000</b>  | <b>2,000,000</b>  | <b>2,000,000</b> | <b>26,618,828</b>  |
| <b>Storm Water Improvements</b>                    |              |                   |                   |                   |                   |                  |                    |
| City-wide Storm Water Utility Projects             | SM057 E304PW | 5,972,948         | 2,850,000         | 1,500,000         | 1,500,000         | 1,500,000        | 13,322,948         |
| Easter Lake Watershed Improvements                 | SM061 E304PW | 602,249           | 594,483           |                   |                   |                  | 1,196,732          |
| Closes Creek Watershed Improvements                | SM068 E304PW | 5,162,997         | 4,000,000         | 2,500,000         | 2,500,000         |                  | 14,162,997         |
| Storm Water Pump Station Rehabilitation            | SM073 E304PW | 6,491,835         |                   |                   |                   |                  | 6,491,835          |
| Crawford Creek Improvements                        | SM074 E304PW | 359,880           | 200,000           | 200,000           | 200,000           |                  | 959,880            |
| Leetown Creekway - Outlet Improvements             | SM075 E304PW | 130,934           | 130,934           |                   |                   |                  | 261,868            |
| Flood Mitigation Improvements                      | SM087 E304PW | 18,186,203        | 11,625,000        | 7,100,000         | 7,100,000         | 5,600,000        | 49,611,203         |
| Hamilton Drainage Area Improvements                | SM133 E304PW | 6,100,000         | 4,930,000         | 4,400,000         | 5,040,000         |                  | 20,470,000         |
| Levee Maintenance and Improvements                 | SM134 E304PW | 2,511,186         |                   |                   |                   |                  | 2,511,186          |
| Gray's Station Detention Basins                    | SM135 E304PW | 101,784           | 100,676           |                   |                   |                  | 202,460            |
| George Flagg Parkway Levee Replacement Study       | SM137 E304PW | 100,000           |                   |                   |                   |                  | 100,000            |
| Western Ingersoll Run Sewer Separation             | SS139 E104PW | 14,201,469        | 2,000,000         |                   |                   |                  | 16,201,469         |
| <b>Storm Water Improvements Total</b>              |              | <b>59,921,485</b> | <b>26,431,093</b> | <b>15,700,000</b> | <b>16,340,000</b> | <b>7,100,000</b> | <b>125,492,578</b> |
| <b>Street Construction</b>                         |              |                   |                   |                   |                   |                  |                    |
| Southeast Connector - SE 30th St to US 65          | ST256 C038EG | 10,380,310        | 32,027,755        | 11,000,000        | 7,000,000         | 1,000,000        | 61,408,065         |
| East 42nd & Hubbell Ave Intersection Improvements  | ST257 C038EG | 31,381            |                   |                   |                   |                  | 31,381             |
| Gray's Parkway                                     | ST271 C038EG | 951,281           | 100,000           |                   |                   |                  | 1,051,281          |
| SW Infrastructure & Planning                       | ST280 C038EG | 287,321           | 425,000           | 700,000           | 1,500,000         |                  | 2,912,321          |
| Market District Infrastructure Improvements        | ST282 C038EG | 5,379,573         | 8,175,000         | 9,500,000         | 7,000,000         | 1,550,000        | 31,604,573         |
| Watrous Avenue Extension                           | ST308 C038EG |                   | 450,000           | 403,344           |                   |                  | 853,344            |
| Easter Lake Drive Sidewalk                         | SW082 C038EG |                   | 500,000           | 1,700,000         |                   |                  | 2,200,000          |
| <b>Street Construction Total</b>                   |              | <b>17,029,866</b> | <b>41,677,755</b> | <b>23,303,344</b> | <b>15,500,000</b> | <b>2,550,000</b> | <b>100,060,965</b> |
| <b>Street Reconstruction</b>                       |              |                   |                   |                   |                   |                  |                    |
| Public Works - Asphalt Road Improvements           | ST003 C038PW | 1,093,568         | 1,102,023         | 1,375,000         | 1,375,000         | 1,375,000        | 6,320,591          |
| Roadway Rehabilitation - Residential               | ST013 C038EG | 3,751,889         | 1,500,000         | 1,500,000         | 1,500,000         | 1,500,000        | 9,751,889          |
| PCC Pavement Replacement Program                   | ST065 C038EG | 407,761           | 1,010,000         | 225,000           | 225,000           | 225,000          | 2,092,761          |
| Public Works - Concrete Street and Curb Rehab      | ST102 C038PW | 1,956,551         | 2,125,000         | 2,125,000         | 2,125,000         | 2,125,000        | 10,456,551         |
| Railroad Crossing Surface Repairs & Signal Improv. | ST139 C038EG | 205,230           | 100,000           | 100,000           | 300,000           | 100,000          | 805,230            |
| McKinley Ave Improvements                          | ST212 C038EG | 1,234,933         | 4,300,000         | 1,000,000         | 2,700,000         | 1,000,000        | 10,234,933         |
| Roadway Rehabilitation - Collector                 | ST217 C038PW | 2,142,959         | 2,138,755         | 2,750,000         | 2,750,000         | 2,750,000        | 12,531,714         |
| Walnut Streetscape                                 | ST252 C038EG | 582,126           |                   |                   |                   |                  | 582,126            |
| Hubbell Ave Improvements - E 33rd St to E 38th St  | ST259 C038EG | 86,161            |                   |                   |                   |                  | 86,161             |
| Roadway Reconstruction                             | ST260 C038EG | 3,786,212         | 1,150,000         | 1,150,000         | 1,150,000         | 1,150,000        | 8,386,212          |
| Connect Downtown                                   | ST261 C038EG | 49,671            |                   |                   |                   |                  | 49,671             |
| East Village Street Improvements                   | ST262 C038EG | 6,420             |                   |                   |                   |                  | 6,420              |
| Easton Blvd - University Ave - Four Mile Creek     | ST263 C038EG | 361,369           | 1,200,000         |                   |                   |                  | 1,561,369          |

| Category                                           | Project #    | 2022              | 2023              | 2024              | 2025              | 2026              | Total              |
|----------------------------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Indianola Ave Improve - E Army Post Rd to Hwy 69   | ST264 C038EG | 2,952,946         | 3,900,000         |                   |                   |                   | 6,852,946          |
| Corridor Improvements                              | ST265 C038EG | 67,241            |                   |                   |                   |                   | 67,241             |
| Sixth Ave Streetscape                              | ST266 C038EG | 4,586,205         | 1,000,000         | 1,250,000         |                   |                   | 6,836,205          |
| Roadway Reconstruction - Fleur Drive               | ST267 C038EG | 9,147,574         | 3,583,715         | 2,500,000         |                   |                   | 15,231,289         |
| Active Transportation                              | ST269 C038EG | 3,528,961         | 180,901           | 1,550,000         | 750,000           | 1,580,000         | 7,589,862          |
| East Douglas Ave Reconstruction - E 42nd - E 56th  | ST270 C038EG | 8,308,980         | 275,000           |                   |                   |                   | 8,583,980          |
| Merle Hay Road and Hickman Road Intersection       | ST272 C038EG | 481               |                   |                   |                   |                   | 481                |
| Hubbell Ave & E Broadway Ave Intersection          | ST273 C038EG | 122,174           |                   |                   |                   |                   | 122,174            |
| University Ave - 48th Street to 31st Street        | ST275 C038EG | 244,141           | 2,500,000         |                   |                   |                   | 2,744,141          |
| Ingersoll Streetscape                              | ST276 C038EG | 6,832,697         | 2,105,658         | 3,170,000         | 3,004,342         | 5,600,000         | 20,712,697         |
| Roadway Reconstruction - Second Ave                | ST277 C038EG | 6,864,098         | 2,850,000         | 3,000,000         | 3,750,000         |                   | 16,464,098         |
| Beaver Ave to Downtown Bike Lane Connection        | ST278 C038EG | 150,000           | 400,000           | 100,000           |                   |                   | 650,000            |
| SE 30th Street Improv - RR Viaduct to SE Connector | ST281 C038EG |                   | 178,344           |                   |                   |                   | 178,344            |
| 18th Street & 19th Street Realignment              | ST283 C038EG | 1,096,498         | 2,000,000         |                   |                   |                   | 3,096,498          |
| Euclid Roadway Reconfiguration 12th St to 2nd Ave  | ST284 C038EG | 384,300           | 125,000           | 2,450,000         |                   |                   | 2,959,300          |
| 5th Ave One-Way to Two-Way                         | ST285 C038EG | 1,682,668         | 1,000,000         |                   |                   |                   | 2,682,668          |
| Franklin Ave - Beaver Ave to Merle Hay Road        | ST286 C038EG | 143,216           | 1,100,000         |                   |                   |                   | 1,243,216          |
| Midblock Pedestrian Signal Upgrades                | ST287 C038EG | 972,807           | 500,000           | 500,000           | 500,000           | 500,000           | 2,972,807          |
| SW 11th St & Tuttle St Traffic Improvements        | ST288 C038EG | 480,000           | 500,000           |                   |                   |                   | 980,000            |
| Douglas Avenue Merle Hay Road to Lower Beaver Road | ST289 C038EG | 563,361           |                   |                   |                   | 4,000,000         | 4,563,361          |
| East 30th Street and University Avenue             | ST290 C038EG | 506,274           | 700,000           |                   |                   |                   | 1,206,274          |
| 41st Street & Beaver Avenue                        | ST292 C038EG |                   | 50,000            | 600,000           | 600,000           |                   | 1,250,000          |
| Traffic Safety Study: E. Army Post Road            | ST293 C038EG | 100,000           |                   |                   |                   |                   | 100,000            |
| SW 14th Street and MLK Traffic Improvements        | ST294 C038EG | 50,000            | 500,000           |                   |                   |                   | 550,000            |
| SW 16th Street and MLK Traffic Improvements        | ST295 C038EG |                   | 50,000            | 500,000           |                   |                   | 550,000            |
| Tuttle Street Improvements                         | ST296 C038EG | 50,000            | 450,000           | 650,000           |                   |                   | 1,150,000          |
| East Locust Streetscape Repairs                    | ST297 C038EG | 110,000           | 1,525,000         | 624,822           |                   |                   | 2,259,822          |
| E. 6th St. to E. 7th St./Penn Ave Corridor Study   | ST298 C038EG | 125,000           |                   |                   |                   |                   | 125,000            |
| Downtown Pedestrian Wayfinding Signage             | ST299 C038EG |                   |                   |                   | 25,000            | 375,000           | 400,000            |
| Downtown Banner Arm Replacement                    | ST300 C038EG | 100,000           |                   |                   |                   |                   | 100,000            |
| 6th Ave Lane Reconfiguration - Hickman to Euclid   | ST301 C038EG |                   |                   | 30,000            | 350,000           |                   | 380,000            |
| Tuttle Street Complete Street                      | ST302 C038EG | 50,000            |                   | 50,000            |                   | 500,000           | 600,000            |
| E Army Post Road & SE 36th St Intersection Improv. | ST303 C038EG | 400,000           | 100,000           |                   | 1,000,000         | 1,000,000         | 2,500,000          |
| Lower Beaver and Aurora Improvements               | ST304 C038EG |                   |                   | 75,000            | 175,000           |                   | 250,000            |
| 2nd Ave Improvements - Court Ave to I-235          | ST305 C038EG |                   | 60,000            | 800,000           |                   |                   | 860,000            |
| Merle Hay Corridor Plan                            | ST306 C038EG | 125,000           | 100,000           |                   | 1,000,000         | 1,000,000         | 2,225,000          |
| BUILD Grant - Broadway from 2nd Ave to Hubbell     | ST307 C038EG |                   |                   | 3,400,000         |                   |                   | 3,400,000          |
| SE 14th Street and Maury Street Improvements       | ST309 C038EG |                   | 250,000           | 125,000           | 375,000           | 1,750,000         | 2,500,000          |
| MLK Pavement Replacement                           | ST310 C038EG |                   | 1,250,000         |                   |                   |                   | 1,250,000          |
| 19th Street and MLK Modifications                  | ST311 C038EG |                   | 125,000           | 1,625,000         |                   |                   | 1,750,000          |
| 30th Street Sidewalk                               | ST312 C038EG |                   |                   | 50,000            | 300,000           |                   | 350,000            |
| Downtown 2-Way Conversion - Grand & Locust         | ST313 C038EG |                   | 500,000           | 500,000           | 4,000,000         | 4,000,000         | 9,000,000          |
| Parking Lot between City Hall and E 2nd Garage     | ST314 C038EG |                   | 100,000           |                   |                   |                   | 100,000            |
| Federal Title 23 Land Sales                        | ST500 C038EG |                   | 0                 |                   |                   |                   | 0                  |
| LOSST Street Improvements                          | ST800 C038EG | 5,201,782         | 6,650,000         | 7,000,000         | 7,000,000         | 7,000,000         | 32,851,782         |
| Sidewalks - School and Priority Routes             | SW081 C038EG | 2,366,939         | 3,000,000         | 2,000,000         | 2,000,000         | 2,000,000         | 11,366,939         |
| Sidewalk Replacement                               | SW084 C038EG | 976,422           | 700,000           | 700,000           | 700,000           | 700,000           | 3,776,422          |
| Skywalk System                                     | SW094 C038EG | 1,035,897         | 250,000           | 250,000           | 250,000           | 250,000           | 2,035,897          |
| Sidewalks - ADA Compliance                         | SW095 C038EG | 120,989           |                   |                   |                   |                   | 120,989            |
| Traffic Studies & Improvements                     | TR031 C038EG | 803,668           | 500,000           | 500,000           | 500,000           | 500,000           | 2,803,668          |
| Traffic Signals - Replacement                      | TR091 C038EG | 1,328,305         | 1,450,000         | 1,450,000         | 1,450,000         | 1,450,000         | 7,128,305          |
| Traffic System Operation Improvements              | TR097 C038EG | 4,667,897         | 1,500,000         | 1,500,000         | 2,000,000         | 2,000,000         | 11,667,897         |
| LED Street Lighting Upgrades                       | TR100 C038EG | 300,001           | 150,000           | 150,000           | 150,000           | 150,000           | 900,001            |
| Transportation Master Plan                         | TR101 C038EG | 351,928           |                   |                   |                   |                   | 351,928            |
| Traffic & Pedestrian Signals - New                 | TR102 C038EG | 970,977           | 250,000           | 250,000           | 250,000           | 250,000           | 1,970,977          |
| <b>Street Reconstruction Total</b>                 |              | <b>83,534,277</b> | <b>57,034,396</b> | <b>47,574,822</b> | <b>42,254,342</b> | <b>44,830,000</b> | <b>275,227,837</b> |

| <b>Category</b> | <b>Project #</b>   | <b>2022</b> | <b>2023</b> | <b>2024</b> | <b>2025</b> | <b>2026</b> | <b>Total</b> |
|-----------------|--------------------|-------------|-------------|-------------|-------------|-------------|--------------|
|                 | <b>GRAND TOTAL</b> | 305,236,281 | 214,034,138 | 172,076,311 | 128,950,342 | 86,566,000  | 906,863,072  |

City of Des Moines. Iowa  
*Capital Improvement Plan*  
 2022 thru 2026

**FUNDING SOURCE SUMMARY**

| <b>Source</b>                           | <b>2022</b>        | <b>2023</b>        | <b>2024</b>        | <b>2025</b>        | <b>2026</b>       | <b>Total</b>       |
|-----------------------------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
| County                                  | 210,000            |                    |                    |                    |                   | 210,000            |
| Des Moines Water Works                  | 1,058,663          |                    |                    |                    |                   | 1,058,663          |
| Federal                                 | 12,388,617         | 36,925,000         | 9,225,000          | 7,325,000          | 1,525,000         | 67,388,617         |
| Federal Grants                          | 500,000            |                    |                    |                    |                   | 500,000            |
| Gaming Monies                           | 4,750,000          | 4,750,000          | 4,750,000          | 4,750,000          | 4,750,000         | 23,750,000         |
| General Fund                            | 600,000            | 127,000            | 127,000            |                    |                   | 854,000            |
| General Obligation Bonds                | 81,694,000         | 61,600,000         | 69,045,000         | 44,885,000         | 36,085,000        | 293,309,000        |
| Ground Emergency Medical Transportation | 7,200,000          | 2,665,000          | 4,250,000          | 4,250,000          | 4,250,000         | 22,615,000         |
| Local Option Sales and Service Tax      | 11,765,000         | 10,600,000         | 12,700,000         | 10,690,000         | 10,765,000        | 56,520,000         |
| Other                                   | 405,273            | 160,000            | 917,161            | 360,000            | 360,000           | 2,202,434          |
| Park and Ride Fund                      | 250,000            | 100,000            | 100,000            | 100,000            | 100,000           | 650,000            |
| Parking Fund                            | 3,250,000          | 2,000,000          | 1,000,000          | 1,000,000          | 1,000,000         | 8,250,000          |
| Private                                 | 3,078,340          | 953,500            | 366,000            | 141,000            | 41,000            | 4,579,840          |
| Proposed American Rescue Plan Act       | 3,600,000          | 1,000,000          | 3,000,000          | 3,000,000          |                   | 10,600,000         |
| Road Use Tax Fund                       | 3,101,358          | 2,450,000          | 1,800,000          | 1,800,000          | 1,800,000         | 10,951,358         |
| Sale of Land                            | 6,000,100          |                    |                    |                    |                   | 6,000,100          |
| Sales Tax Increment Fund                | 1,942,353          | 1,863,107          | 1,774,875          | 1,707,217          | 1,650,471         | 8,938,023          |
| Sanitary Sewer Fund                     | 6,350,000          | 5,800,000          | 2,050,000          | 2,050,000          | 2,050,000         | 18,300,000         |
| Sanitary State Revolving Fund Loan      | 17,203,927         | 1,750,000          |                    |                    |                   | 18,953,927         |
| State                                   | 1,690,703          | 1,650,000          | 2,040,914          | 520,000            | 150,000           | 6,051,617          |
| Storm Water Revenue Bonds               | 26,600,000         | 17,700,000         | 6,500,000          | 9,200,000          |                   | 60,000,000         |
| Storm Water State Revolving Fund Loan   | 3,623,500          |                    |                    |                    |                   | 3,623,500          |
| Storm Water Utility Fund                | 3,482,647          | 3,891,893          | 7,625,125          | 5,632,783          | 5,649,529         | 26,281,977         |
| Tax Increment Funding Bonds             | 17,965,000         | 23,510,000         | 24,435,000         | 20,050,000         | 14,250,000        | 100,210,000        |
| Transfers In                            | 14,737,689         | 8,919,202          | 10,715,000         | 6,350,000          | 3,460,000         | 44,181,891         |
| Waste Water Reclamation Authority       | 113,270            |                    |                    |                    |                   | 113,270            |
| <b>GRAND TOTAL</b>                      | <b>233,560,440</b> | <b>188,414,702</b> | <b>162,421,075</b> | <b>123,811,000</b> | <b>87,886,000</b> | <b>796,093,217</b> |

City of Des Moines. Iowa  
*Capital Improvement Plan*  
 2022 thru 2026

**PROJECTS BY FUNDING SOURCE**

| Source                                             | Project #    | 2022              | 2023              | 2024             | 2025             | 2026             | Total             |
|----------------------------------------------------|--------------|-------------------|-------------------|------------------|------------------|------------------|-------------------|
| <b>County</b>                                      |              |                   |                   |                  |                  |                  |                   |
| Records Management System                          | MS021 C051PD | 210,000           |                   |                  |                  |                  | 210,000           |
| <b>County Total</b>                                |              | <b>210,000</b>    |                   |                  |                  |                  | <b>210,000</b>    |
| <b>Des Moines Water Works</b>                      |              |                   |                   |                  |                  |                  |                   |
| Roadway Rehabilitation - Residential               | ST013 C038EG | 18,500            |                   |                  |                  |                  | 18,500            |
| Sixth Ave Streetscape                              | ST266 C038EG | 243,000           |                   |                  |                  |                  | 243,000           |
| Roadway Reconstruction - Fleur Drive               | ST267 C038EG | 61,469            |                   |                  |                  |                  | 61,469            |
| Ingersoll Streetscape                              | ST276 C038EG | 735,694           |                   |                  |                  |                  | 735,694           |
| <b>Des Moines Water Works Total</b>                |              | <b>1,058,663</b>  |                   |                  |                  |                  | <b>1,058,663</b>  |
| <b>Federal</b>                                     |              |                   |                   |                  |                  |                  |                   |
| Locust Street Bridge over the Des Moines River     | BR052 C032EG | 548,000           |                   |                  |                  |                  | 548,000           |
| 2nd Ave Bridge over the Des Moines River           | BR057 C032EG |                   | 2,000,000         |                  |                  |                  | 2,000,000         |
| Guthrie Ave Bridge over Union Pacific RR           | BR058 C032EG |                   | 2,000,000         |                  |                  |                  | 2,000,000         |
| Walnut St Bridge over the Des Moines River         | BR059 C032EG | 1,000,000         | 2,400,000         |                  |                  |                  | 3,400,000         |
| SW 9th St Bridge over Middle Creek                 | BR062 C032EG |                   | 1,000,000         |                  |                  |                  | 1,000,000         |
| Fleur Ave Bridge over Raccoon River                | BR063 C032EG |                   |                   |                  | 2,000,000        |                  | 2,000,000         |
| Multi-Use Trails                                   | PK045 C040PK | 340,000           | 200,000           |                  |                  |                  | 540,000           |
| Park Improvements                                  | PK137 C040PK | 500,000           | 500,000           |                  |                  |                  | 1,000,000         |
| Gray's Lake Park Improvements                      | PK140 C040PK | 49,826            |                   |                  |                  |                  | 49,826            |
| Watershed Park Amenities                           | PK180 C040PK | 30,000            |                   |                  |                  |                  | 30,000            |
| Carl Voss Multi-Use Recreational Trail             | PK183 C040PK | 369,901           |                   |                  |                  |                  | 369,901           |
| Chesterfield Park Improvements                     | PK187 C040PK | 200,000           |                   |                  |                  |                  | 200,000           |
| Carlisle Connection Trail                          | PK190 C040PK |                   |                   | 400,000          |                  |                  | 400,000           |
| Central Place Levee Trail                          | PK193 C040PK |                   |                   | 1,000,000        | 300,000          | 500,000          | 1,800,000         |
| Railroad Crossing Surface Repairs & Signal Improv. | ST139 C038EG | 50,000            |                   |                  |                  |                  | 50,000            |
| Southeast Connector - SE 30th St to US 65          | ST256 C038EG |                   | 26,000,000        | 7,000,000        | 4,000,000        |                  | 37,000,000        |
| Roadway Reconstruction                             | ST260 C038EG | 589,584           | 525,000           | 525,000          | 525,000          | 525,000          | 2,689,584         |
| Indianola Ave Improve - E Army Post Rd to Hwy 69   | ST264 C038EG | 1,000,000         | 2,000,000         |                  |                  |                  | 3,000,000         |
| Sixth Ave Streetscape                              | ST266 C038EG | 1,382,205         |                   |                  |                  |                  | 1,382,205         |
| East Douglas Ave Reconstruction - E 42nd - E 56th  | ST270 C038EG | 5,800,000         |                   |                  |                  |                  | 5,800,000         |
| Federal Title 23 Land Sales                        | ST500 C038EG |                   | 0                 |                  |                  |                  | 0                 |
| Traffic System Operation Improvements              | TR097 C038EG | 529,101           | 300,000           | 300,000          | 500,000          | 500,000          | 2,129,101         |
| <b>Federal Total</b>                               |              | <b>12,388,617</b> | <b>36,925,000</b> | <b>9,225,000</b> | <b>7,325,000</b> | <b>1,525,000</b> | <b>67,388,617</b> |
| <b>Federal Grants</b>                              |              |                   |                   |                  |                  |                  |                   |
| Park Building Improvements                         | PK143 C040PK | 500,000           |                   |                  |                  |                  | 500,000           |
| <b>Federal Grants Total</b>                        |              | <b>500,000</b>    |                   |                  |                  |                  | <b>500,000</b>    |

| Source                                        | Project #    | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|-----------------------------------------------|--------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| <b>Gaming Monies</b>                          |              |                  |                  |                  |                  |                  |                   |
| Citywide Bridges                              | BR003 C032EG | 250,000          | 300,000          | 1,400,000        | 1,000,000        | 2,000,000        | 4,950,000         |
| 2nd Ave Bridge over the Des Moines River      | BR057 C032EG | 925,000          |                  |                  |                  |                  | 925,000           |
| Guthrie Ave Bridge over Union Pacific RR      | BR058 C032EG | 525,000          | 200,000          |                  |                  |                  | 725,000           |
| Walnut St Bridge over the Des Moines River    | BR059 C032EG |                  | 1,500,000        | 600,000          |                  |                  | 2,100,000         |
| SW 9th St Bridge over Middle Creek            | BR062 C032EG | 300,000          |                  |                  |                  |                  | 300,000           |
| Fleur Ave Bridge over Raccoon River           | BR063 C032EG |                  |                  |                  | 1,000,000        |                  | 1,000,000         |
| Roadway Rehabilitation - Collector            | ST217 C038PW | 2,750,000        | 2,750,000        | 2,750,000        | 2,750,000        | 2,750,000        | 13,750,000        |
| <b>Gaming Monies Total</b>                    |              | <b>4,750,000</b> | <b>4,750,000</b> | <b>4,750,000</b> | <b>4,750,000</b> | <b>4,750,000</b> | <b>23,750,000</b> |
| <b>General Fund</b>                           |              |                  |                  |                  |                  |                  |                   |
| Land Acquisition                              | MS022 C051EG | 350,000          | 127,000          | 127,000          |                  |                  | 604,000           |
| Central Iowa Water Trails Contributions       | MS025 C051CM | 250,000          |                  |                  |                  |                  | 250,000           |
| <b>General Fund Total</b>                     |              | <b>600,000</b>   | <b>127,000</b>   | <b>127,000</b>   |                  |                  | <b>854,000</b>    |
| <b>General Obligation Bonds</b>               |              |                  |                  |                  |                  |                  |                   |
| Municipal Building Reroofing                  | BL044 C034PK | 280,000          | 350,000          | 350,000          | 800,000          | 700,000          | 2,480,000         |
| Police Building Improvements                  | BL062 C034PD | 1,085,000        | 375,000          | 75,000           | 75,000           | 75,000           | 1,685,000         |
| Fire Building Improvements                    | BL063 C034PK |                  | 585,000          |                  |                  |                  | 585,000           |
| HVAC, Electrical, and Plumbing Improvements   | BL074 C034PK | 375,000          | 300,000          | 575,000          | 250,000          | 250,000          | 1,750,000         |
| Municipal Building Improvements               | BL085 C034PK | 400,000          | 600,000          | 600,000          | 600,000          | 600,000          | 2,800,000         |
| Police Academy Improvements                   | BL095 C034PK |                  |                  | 50,000           | 850,000          |                  | 900,000           |
| Public Works Building Improvements            | BL108 C034PK | 50,000           |                  |                  |                  |                  | 50,000            |
| Energy Conservation                           | BL110 C034PK | 50,000           | 50,000           | 50,000           | 50,000           | 50,000           | 250,000           |
| Municipal Service Center - Phase 2            | BL128 C034PK | 20,799,000       |                  |                  |                  |                  | 20,799,000        |
| Armory Improvements                           | BL129 C034PK | 150,000          | 150,000          | 150,000          |                  |                  | 450,000           |
| Animal Control Facility                       | BL130 C034PD |                  | 2,500,000        | 500,000          |                  |                  | 3,000,000         |
| Security Improvements                         | BL132 C034PK | 100,000          | 100,000          | 100,000          | 100,000          | 100,000          | 500,000           |
| City Facility and Armory Replacement          | BL133 C034PK | 500,000          | 9,000,000        | 20,000,000       | 7,000,000        |                  | 36,500,000        |
| Greenhouse Relocation                         | BL134 C034PK | 3,450,000        | 50,000           |                  |                  |                  | 3,500,000         |
| Northside Community Recreation Center         | BL135 C034PK | 230,000          |                  |                  |                  |                  | 230,000           |
| 2nd Ave Bridge over the Des Moines River      | BR057 C032EG | 1,500,000        | 3,000,000        |                  |                  |                  | 4,500,000         |
| Guthrie Ave Bridge over Union Pacific RR      | BR058 C032EG | 825,000          |                  | 1,000,000        |                  |                  | 1,825,000         |
| SW 8th St & SW 9th St Viaducts                | BR061 C032EG | 1,100,000        |                  |                  |                  |                  | 1,100,000         |
| SW 9th St Bridge over Middle Creek            | BR062 C032EG | 900,000          |                  |                  |                  |                  | 900,000           |
| Fire Equipment Acquisition                    | FR013 C041FD | 2,325,000        | 1,350,000        | 2,240,000        | 2,500,000        | 3,000,000        | 11,415,000        |
| Collection Additions and Replacement          | LB046 C042LB | 785,000          | 800,000          | 820,000          | 830,000          | 840,000          | 4,075,000         |
| Miscellaneous Building Improvements           | LB055 C042LB | 650,000          | 200,000          | 200,000          | 200,000          | 200,000          | 1,450,000         |
| North Side Parking Lot                        | LB063 C042LB |                  | 50,000           |                  |                  |                  | 50,000            |
| Integrated Library System (ILS)               | LB064 C042LB | 500,000          |                  |                  |                  |                  | 500,000           |
| Enhanced Information and Communication System | MS001 C051IT | 2,000,000        | 2,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 7,000,000         |
| Neighborhood Development Corporation          | MS003 C051CM | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 5,000,000         |
| Neighborhood Finance Corporation              | MS004 C051CM | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 5,000,000         |
| City Tree Replacement Fund (CTRF)             | MS007 C051PW | 100,000          | 100,000          | 100,000          | 100,000          | 100,000          | 500,000           |
| Public Art                                    | MS010 C051CM | 100,000          | 200,000          | 200,000          | 200,000          | 200,000          | 900,000           |
| Emerald Ash Borer Response Plan               | MS012 C051PW | 600,000          | 600,000          | 600,000          | 600,000          | 600,000          | 3,000,000         |
| Vacant Residential Property Redevelopment     | MS014 C051CD | 100,000          | 100,000          | 100,000          | 100,000          | 100,000          | 500,000           |
| Central Iowa Water Trails Contributions       | MS025 C051CM |                  | 750,000          | 1,500,000        | 1,750,000        | 1,750,000        | 5,750,000         |
| Regional Feature Projects                     | MS026 C040PK | 200,000          |                  |                  |                  |                  | 200,000           |
| Sprayground Improvements                      | PK034 C040PK | 250,000          | 350,000          | 250,000          | 250,000          | 375,000          | 1,475,000         |
| Multi-Use Trails                              | PK045 C040PK | 650,000          | 1,760,000        | 1,560,000        | 800,000          | 600,000          | 5,370,000         |
| Park Improvements                             | PK137 C040PK | 1,250,000        | 2,155,000        | 1,165,000        | 1,510,000        | 1,355,000        | 7,435,000         |

| Source                                             | Project #    | 2022              | 2023              | 2024              | 2025              | 2026              | Total              |
|----------------------------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Cemetery Infrastructure and Improvements           | PK138 C040PK | 590,000           | 1,135,000         | 1,185,000         | 225,000           | 300,000           | 3,435,000          |
| Gray's Lake Park Improvements                      | PK140 C040PK | 155,000           | 975,000           | 100,000           | 100,000           | 100,000           | 1,430,000          |
| Park Building Improvements                         | PK143 C040PK | 495,000           | 780,000           | 640,000           | 225,000           | 435,000           | 2,575,000          |
| Swimming Pools and Aquatic Infrastructure          | PK153 C040PK | 225,000           | 200,000           | 200,000           | 200,000           | 200,000           | 1,025,000          |
| Principal Riverwalk                                | PK162 C040PK | 375,000           |                   | 50,000            | 325,000           | 100,000           | 850,000            |
| Urban Conservation Projects                        | PK167 C040PK | 100,000           | 100,000           | 800,000           | 100,000           | 100,000           | 1,200,000          |
| Park Infrastructure                                | PK175 C040PK | 2,875,000         | 1,000,000         | 1,460,000         | 1,460,000         | 1,695,000         | 8,490,000          |
| Sports Complexes                                   | PK176 C040PK | 510,000           | 0                 | 0                 | 300,000           | 300,000           | 1,110,000          |
| MacRae Park Improvements                           | PK179 C040PK | 350,000           |                   |                   |                   |                   | 350,000            |
| Watershed Park Amenities                           | PK180 C040PK | 200,000           | 500,000           | 100,000           | 100,000           | 250,000           | 1,150,000          |
| Park Playground Improvements                       | PK185 C040PK | 360,000           | 285,000           | 485,000           | 285,000           | 285,000           | 1,700,000          |
| Chesterfield Park Improvements                     | PK187 C040PK | 480,000           |                   |                   |                   |                   | 480,000            |
| Birdland Park and Marina                           | PK189 C040PK |                   | 500,000           | 500,000           |                   |                   | 1,000,000          |
| Fleur Drive Medians                                | PK195 C040PK | 750,000           | 400,000           |                   |                   |                   | 1,150,000          |
| Birdland Sports Complex Improvements               | PK196 C040PK |                   | 50,000            | 1,360,000         |                   |                   | 1,410,000          |
| Public Works - Asphalt Road Improvements           | ST003 C038PW | 750,000           | 750,000           | 750,000           | 750,000           | 750,000           | 3,750,000          |
| Roadway Rehabilitation - Residential               | ST013 C038EG |                   | 1,500,000         | 1,500,000         | 1,500,000         | 1,500,000         | 6,000,000          |
| PCC Pavement Replacement Program                   | ST065 C038EG | 225,000           | 225,000           | 225,000           | 225,000           | 225,000           | 1,125,000          |
| Public Works - Concrete Street and Curb Rehab      | ST102 C038PW | 1,400,000         | 1,400,000         | 1,400,000         | 1,400,000         | 1,400,000         | 7,000,000          |
| Railroad Crossing Surface Repairs & Signal Improv. | ST139 C038EG | 100,000           | 100,000           | 100,000           | 100,000           | 100,000           | 500,000            |
| McKinley Ave Improvements                          | ST212 C038EG | 1,800,000         | 3,300,000         | 1,000,000         | 2,700,000         | 1,000,000         | 9,800,000          |
| Southeast Connector - SE 30th St to US 65          | ST256 C038EG | 4,000,000         | 4,000,000         | 4,000,000         | 3,000,000         | 1,000,000         | 16,000,000         |
| Easton Blvd - University Ave - Four Mile Creek     | ST263 C038EG | 700,000           | 700,000           |                   |                   |                   | 1,400,000          |
| Indianola Ave Improve - E Army Post Rd to Hwy 69   | ST264 C038EG | 1,400,000         | 1,500,000         |                   |                   |                   | 2,900,000          |
| Sixth Ave Streetscape                              | ST266 C038EG | 1,000,000         | 1,000,000         | 1,250,000         |                   |                   | 3,250,000          |
| Roadway Reconstruction - Fleur Drive               | ST267 C038EG | 7,000,000         | 1,000,000         | 2,500,000         |                   |                   | 10,500,000         |
| Active Transportation                              | ST269 C038EG | 250,000           | 375,000           | 1,050,000         | 250,000           | 1,000,000         | 2,925,000          |
| East Douglas Ave Reconstruction - E 42nd - E 56th  | ST270 C038EG | 800,000           |                   |                   |                   |                   | 800,000            |
| University Ave - 48th Street to 31st Street        | ST275 C038EG | 500,000           | 1,500,000         |                   |                   |                   | 2,000,000          |
| Roadway Reconstruction - Second Ave                | ST277 C038EG | 500,000           |                   |                   |                   |                   | 500,000            |
| Beaver Ave to Downtown Bike Lane Connection        | ST278 C038EG | 550,000           |                   | 100,000           |                   |                   | 650,000            |
| SW Infrastructure & Planning                       | ST280 C038EG | 100,000           | 425,000           | 700,000           | 1,500,000         |                   | 2,725,000          |
| 18th Street & 19th Street Realignment              | ST283 C038EG | 2,700,000         |                   |                   |                   |                   | 2,700,000          |
| Euclid Roadway Reconfiguration 12th St to 2nd Ave  | ST284 C038EG | 250,000           | 125,000           | 2,450,000         |                   |                   | 2,825,000          |
| Franklin Ave - Beaver Ave to Merle Hay Road        | ST286 C038EG | 200,000           | 1,000,000         |                   |                   |                   | 1,200,000          |
| Midblock Pedestrian Signal Upgrades                | ST287 C038EG | 500,000           | 500,000           | 500,000           | 500,000           | 500,000           | 2,500,000          |
| Douglas Avenue Merle Hay Road to Lower Beaver Road | ST289 C038EG | 500,000           |                   |                   |                   | 4,000,000         | 4,500,000          |
| East 30th Street and University Avenue             | ST290 C038EG | 150,000           | 500,000           |                   |                   |                   | 650,000            |
| 41st Street & Beaver Avenue                        | ST292 C038EG |                   | 50,000            | 600,000           | 600,000           |                   | 1,250,000          |
| Traffic Safety Study: E. Army Post Road            | ST293 C038EG | 100,000           |                   |                   |                   |                   | 100,000            |
| E. 6th St. to E. 7th St./Penn Ave Corridor Study   | ST298 C038EG | 125,000           |                   |                   |                   |                   | 125,000            |
| 6th Ave Lane Reconfiguration - Hickman to Euclid   | ST301 C038EG |                   |                   | 30,000            | 350,000           |                   | 380,000            |
| E Army Post Road & SE 36th St Intersection Improv. | ST303 C038EG | 400,000           | 100,000           |                   | 1,000,000         | 1,000,000         | 2,500,000          |
| Lower Beaver and Aurora Improvements               | ST304 C038EG |                   |                   | 75,000            | 175,000           |                   | 250,000            |
| BUILD Grant - Broadway from 2nd Ave to Hubbell     | ST307 C038EG |                   |                   | 1,400,000         |                   |                   | 1,400,000          |
| Sidewalks - School and Priority Routes             | SW081 C038EG | 2,000,000         | 2,000,000         | 2,000,000         | 2,000,000         | 2,000,000         | 10,000,000         |
| Easter Lake Drive Sidewalk                         | SW082 C038EG |                   | 500,000           | 1,700,000         |                   |                   | 2,200,000          |
| Sidewalk Replacement                               | SW084 C038EG | 675,000           | 700,000           | 700,000           | 700,000           | 700,000           | 3,475,000          |
| Traffic Studies & Improvements                     | TR031 C038EG | 250,000           | 250,000           | 250,000           | 250,000           | 250,000           | 1,250,000          |
| Traffic Signals - Replacement                      | TR091 C038EG | 600,000           | 1,100,000         | 1,100,000         | 1,100,000         | 1,100,000         | 5,000,000          |
| Traffic System Operation Improvements              | TR097 C038EG | 1,000,000         | 1,200,000         | 1,200,000         | 1,500,000         | 1,500,000         | 6,400,000          |
| LED Street Lighting Upgrades                       | TR100 C038EG | 150,000           | 150,000           | 150,000           | 150,000           | 150,000           | 750,000            |
| Traffic & Pedestrian Signals - New                 | TR102 C038EG | 250,000           | 250,000           | 250,000           | 250,000           | 250,000           | 1,250,000          |
| <b>General Obligation Bonds Total</b>              |              | <b>81,694,000</b> | <b>61,600,000</b> | <b>69,045,000</b> | <b>44,885,000</b> | <b>36,085,000</b> | <b>293,309,000</b> |

| Source                                               | Project #    | 2022              | 2023              | 2024              | 2025              | 2026              | Total             |
|------------------------------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Ground Emergency Medical Transpor</b>             |              |                   |                   |                   |                   |                   |                   |
| Fire Building Improvements                           | BL063 C034PK | 4,700,000         | 2,415,000         | 3,000,000         | 3,000,000         | 3,000,000         | 16,115,000        |
| Fire Equipment Acquisition                           | FR013 C041FD | 2,500,000         | 250,000           | 1,250,000         | 1,250,000         | 1,250,000         | 6,500,000         |
| <b>Ground Emergency Medical Transportation Total</b> |              | <b>7,200,000</b>  | <b>2,665,000</b>  | <b>4,250,000</b>  | <b>4,250,000</b>  | <b>4,250,000</b>  | <b>22,615,000</b> |
| <b>Local Option Sales and Service Tax</b>            |              |                   |                   |                   |                   |                   |                   |
| Northside Community Recreation Center                | BL135 C034PK | 2,500,000         | 2,000,000         |                   |                   |                   | 4,500,000         |
| Ruan Connector                                       | MS019 C051PK | 540,000           |                   |                   |                   |                   | 540,000           |
| Regional Feature Projects                            | MS026 C040PK | 1,000,000         | 1,000,000         | 1,000,000         | 1,000,000         | 1,000,000         | 5,000,000         |
| Sprayground Improvements                             | PK034 C040PK | 686,000           |                   | 84,000            | 400,000           | 725,000           | 1,895,000         |
| Park Improvements                                    | PK137 C040PK | 500,000           |                   |                   |                   |                   | 500,000           |
| Swimming Pools and Aquatic Infrastructure            | PK153 C040PK | 625,000           |                   |                   |                   |                   | 625,000           |
| MacRae Park Improvements                             | PK179 C040PK | 175,000           |                   |                   |                   |                   | 175,000           |
| Witmer Park Improvements                             | PK184 C040PK | 350,000           |                   |                   |                   |                   | 350,000           |
| Park Playground Improvements                         | PK185 C040PK | 284,000           |                   | 16,000            | 290,000           | 40,000            | 630,000           |
| Birdland Park and Marina                             | PK189 C040PK |                   |                   | 2,000,000         | 2,000,000         | 2,000,000         | 6,000,000         |
| Carlisle Connection Trail                            | PK190 C040PK |                   | 600,000           | 600,000           |                   |                   | 1,200,000         |
| Fleur Drive Medians                                  | PK195 C040PK | 105,000           |                   |                   |                   |                   | 105,000           |
| BUILD Grant - Broadway from 2nd Ave to Hubbell       | ST307 C038EG |                   |                   | 2,000,000         |                   |                   | 2,000,000         |
| LOSST Street Improvements                            | ST800 C038EG | 5,000,000         | 6,000,000         | 7,000,000         | 7,000,000         | 7,000,000         | 32,000,000        |
| Sidewalks - School and Priority Routes               | SW081 C038EG |                   | 1,000,000         |                   |                   |                   | 1,000,000         |
| <b>Local Option Sales and Service Tax Total</b>      |              | <b>11,765,000</b> | <b>10,600,000</b> | <b>12,700,000</b> | <b>10,690,000</b> | <b>10,765,000</b> | <b>56,520,000</b> |
| <b>Other</b>                                         |              |                   |                   |                   |                   |                   |                   |
| Energy Conservation                                  | BL110 C034PK | 28,009            |                   |                   |                   |                   | 28,009            |
| Animal Control Facility                              | BL130 C034PD |                   |                   | 757,161           |                   |                   | 757,161           |
| Locust Street Bridge over the Des Moines River       | BR052 C032EG | 95,320            |                   |                   |                   |                   | 95,320            |
| E 30th Street Bridge over Union Pacific RR           | BR055 C032EG | 106,000           |                   |                   |                   |                   | 106,000           |
| Collection Additions and Replacement                 | LB046 C042LB | 120,000           | 120,000           | 120,000           | 120,000           | 120,000           | 600,000           |
| City Tree Replacement Fund (CTRF)                    | MS007 C051PW | 25,000            | 25,000            | 25,000            | 25,000            | 25,000            | 125,000           |
| Dico Site Improvements                               | MS023 C051CM | 15,944            |                   |                   |                   |                   | 15,944            |
| Park Improvements                                    | PK137 C040PK | 15,000            | 15,000            | 15,000            | 15,000            | 15,000            | 75,000            |
| Park Building Improvements                           | PK143 C040PK |                   |                   |                   | 200,000           | 200,000           | 400,000           |
| <b>Other Total</b>                                   |              | <b>405,273</b>    | <b>160,000</b>    | <b>917,161</b>    | <b>360,000</b>    | <b>360,000</b>    | <b>2,202,434</b>  |
| <b>Park and Ride Fund</b>                            |              |                   |                   |                   |                   |                   |                   |
| Park & Ride Facility Improvements                    | PG029 E068EG | 250,000           | 100,000           | 100,000           | 100,000           | 100,000           | 650,000           |
| <b>Park and Ride Fund Total</b>                      |              | <b>250,000</b>    | <b>100,000</b>    | <b>100,000</b>    | <b>100,000</b>    | <b>100,000</b>    | <b>650,000</b>    |
| <b>Parking Fund</b>                                  |              |                   |                   |                   |                   |                   |                   |
| Parking Facility Rehabilitation/Repair Program       | PG016 E054EG | 1,250,000         | 1,000,000         | 1,000,000         | 1,000,000         | 1,000,000         | 5,250,000         |
| Parking - On-Street Parking Technology               | PG035 E054EG | 2,000,000         | 1,000,000         |                   |                   |                   | 3,000,000         |
| <b>Parking Fund Total</b>                            |              | <b>3,250,000</b>  | <b>2,000,000</b>  | <b>1,000,000</b>  | <b>1,000,000</b>  | <b>1,000,000</b>  | <b>8,250,000</b>  |
| <b>Private</b>                                       |              |                   |                   |                   |                   |                   |                   |
| Animal Control Facility                              | BL130 C034PD | 275,000           |                   |                   |                   |                   | 275,000           |

| Source                                         | Project #    | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|------------------------------------------------|--------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Ruan Connector                                 | MS019 C051PK | 540,000          |                  |                  |                  |                  | 540,000           |
| Sprayground Improvements                       | PK034 C040PK | 100,000          |                  |                  |                  |                  | 100,000           |
| Multi-Use Trails                               | PK045 C040PK | 41,584           | 100,000          |                  |                  |                  | 141,584           |
| Principal Park                                 | PK132 C040PK | 16,000           | 16,000           | 16,000           | 16,000           | 16,000           | 80,000            |
| Park Improvements                              | PK137 C040PK | 102,500          | 25,000           | 25,000           | 25,000           | 25,000           | 202,500           |
| Cemetery Infrastructure and Improvements       | PK138 C040PK | 63,000           |                  |                  |                  |                  | 63,000            |
| Park Building Improvements                     | PK143 C040PK |                  |                  |                  | 100,000          |                  | 100,000           |
| Urban Conservation Projects                    | PK167 C040PK | 50,000           | 137,500          |                  |                  |                  | 187,500           |
| MacRae Park Improvements                       | PK179 C040PK | 632,250          |                  |                  |                  |                  | 632,250           |
| Witmer Park Improvements                       | PK184 C040PK | 183,007          |                  |                  |                  |                  | 183,007           |
| Chesterfield Park Improvements                 | PK187 C040PK | 75,000           |                  |                  |                  |                  | 75,000            |
| Fleur Drive Medians                            | PK195 C040PK | 99,999           | 675,000          | 125,000          |                  |                  | 899,999           |
| Birdland Sports Complex Improvements           | PK196 C040PK |                  |                  | 200,000          |                  |                  | 200,000           |
| Sixth Ave Streetscape                          | ST266 C038EG | 900,000          |                  |                  |                  |                  | 900,000           |
| <b>Private Total</b>                           |              | <b>3,078,340</b> | <b>953,500</b>   | <b>366,000</b>   | <b>141,000</b>   | <b>41,000</b>    | <b>4,579,840</b>  |
| <b>Proposed American Rescue Plan Act</b>       |              |                  |                  |                  |                  |                  |                   |
| Greenhouse Relocation                          | BL134 C034PK | 1,100,000        |                  |                  |                  |                  | 1,100,000         |
| Northside Community Recreation Center          | BL135 C034PK | 2,500,000        | 1,000,000        | 3,000,000        | 3,000,000        |                  | 9,500,000         |
| <b>Proposed American Rescue Plan Act Total</b> |              | <b>3,600,000</b> | <b>1,000,000</b> | <b>3,000,000</b> | <b>3,000,000</b> |                  | <b>10,600,000</b> |
| <b>Road Use Tax Fund</b>                       |              |                  |                  |                  |                  |                  |                   |
| Animal Control Facility                        | BL130 C034PD | 500,000          |                  |                  |                  |                  | 500,000           |
| Grand Ave Bridge over the Des Moines River     | BR047 C032EG | 117,758          |                  |                  |                  |                  | 117,758           |
| Public Works - Asphalt Road Improvements       | ST003 C038PW | 250,000          | 250,000          | 250,000          | 250,000          | 250,000          | 1,250,000         |
| PCC Pavement Replacement Program               | ST065 C038EG | 460,000          |                  |                  |                  |                  | 460,000           |
| Public Works - Concrete Street and Curb Rehab  | ST102 C038PW | 725,000          | 725,000          | 725,000          | 725,000          | 725,000          | 3,625,000         |
| 42nd Ave Streetscape                           | ST258 C038EG | 56,600           |                  |                  |                  |                  | 56,600            |
| Roadway Reconstruction                         | ST260 C038EG | 625,000          | 625,000          | 625,000          | 625,000          | 625,000          | 3,125,000         |
| LOSST Street Improvements                      | ST800 C038EG |                  | 650,000          |                  |                  |                  | 650,000           |
| Sidewalks - School and Priority Routes         | SW081 C038EG | 167,000          |                  |                  |                  |                  | 167,000           |
| Traffic Signals - Replacement                  | TR091 C038EG | 200,000          | 200,000          | 200,000          | 200,000          | 200,000          | 1,000,000         |
| <b>Road Use Tax Fund Total</b>                 |              | <b>3,101,358</b> | <b>2,450,000</b> | <b>1,800,000</b> | <b>1,800,000</b> | <b>1,800,000</b> | <b>10,951,358</b> |
| <b>Sale of Land</b>                            |              |                  |                  |                  |                  |                  |                   |
| Municipal Service Center - Phase 2             | BL128 C034PK | 6,000,000        |                  |                  |                  |                  | 6,000,000         |
| Southeast Connector - SE 30th St to US 65      | ST256 C038EG | 100              |                  |                  |                  |                  | 100               |
| <b>Sale of Land Total</b>                      |              | <b>6,000,100</b> |                  |                  |                  |                  | <b>6,000,100</b>  |
| <b>Sales Tax Increment Fund</b>                |              |                  |                  |                  |                  |                  |                   |
| Flood Mitigation Improvements                  | SM087 E304PW | 1,942,353        | 1,863,107        | 1,774,875        | 1,707,217        | 1,650,471        | 8,938,023         |
| <b>Sales Tax Increment Fund Total</b>          |              | <b>1,942,353</b> | <b>1,863,107</b> | <b>1,774,875</b> | <b>1,707,217</b> | <b>1,650,471</b> | <b>8,938,023</b>  |
| <b>Sanitary Sewer Fund</b>                     |              |                  |                  |                  |                  |                  |                   |
| Municipal Service Center - Phase 2             | BL128 C034PK | 1,000,000        |                  |                  |                  |                  | 1,000,000         |
| City Tree Replacement Fund (CTRF)              | MS007 C051PW | 50,000           | 50,000           | 50,000           | 50,000           | 50,000           | 250,000           |
| Sanitary Sewer Lining and Repairs              | SS049 E104PW | 2,000,000        | 2,000,000        | 2,000,000        | 2,000,000        | 2,000,000        | 10,000,000        |

| Source                                 | Project #    | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|----------------------------------------|--------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Sanitary Sewer Trunk Sewers            | SS120 E104PW | 1,500,000        | 1,500,000        |                  |                  |                  | 3,000,000         |
| Near West Side Sewer Separation        | SS132 E104PW | 1,300,000        |                  |                  |                  |                  | 1,300,000         |
| Western Ingersoll Run Sewer Separation | SS139 E104PW | 500,000          | 250,000          |                  |                  |                  | 750,000           |
| Roadway Reconstruction - Second Ave    | ST277 C038EG |                  | 2,000,000        |                  |                  |                  | 2,000,000         |
| <b>Sanitary Sewer Fund Total</b>       |              | <b>6,350,000</b> | <b>5,800,000</b> | <b>2,050,000</b> | <b>2,050,000</b> | <b>2,050,000</b> | <b>18,300,000</b> |

### Sanitary State Revolving Fund Loan

|                                                 |              |                   |                  |  |  |  |                   |
|-------------------------------------------------|--------------|-------------------|------------------|--|--|--|-------------------|
| Near West Side Sewer Separation                 | SS132 E104PW | 3,623,500         |                  |  |  |  | 3,623,500         |
| Western Ingersoll Run Sewer Separation          | SS139 E104PW | 13,580,427        | 1,750,000        |  |  |  | 15,330,427        |
| <b>Sanitary State Revolving Fund Loan Total</b> |              | <b>17,203,927</b> | <b>1,750,000</b> |  |  |  | <b>18,953,927</b> |

### State

|                                            |              |                  |                  |                  |                |                |                  |
|--------------------------------------------|--------------|------------------|------------------|------------------|----------------|----------------|------------------|
| E 30th Street Bridge over Union Pacific RR | BR055 C032EG | 750,000          |                  |                  |                |                | 750,000          |
| Multi-Use Trails                           | PK045 C040PK |                  |                  | 400,000          |                |                | 400,000          |
| Park Improvements                          | PK137 C040PK |                  |                  | 300,000          |                |                | 300,000          |
| Urban Conservation Projects                | PK167 C040PK |                  | 300,000          | 100,000          |                |                | 400,000          |
| MacRae Park Improvements                   | PK179 C040PK | 96,643           |                  |                  |                |                | 96,643           |
| Carl Voss Multi-Use Recreational Trail     | PK183 C040PK | 300,000          |                  |                  |                |                | 300,000          |
| Carlisle Connection Trail                  | PK190 C040PK |                  | 1,000,000        | 290,914          |                |                | 1,290,914        |
| Central Place Levee Trail                  | PK193 C040PK |                  |                  | 300,000          | 370,000        |                | 670,000          |
| Roadway Reconstruction                     | ST260 C038EG | 37,060           |                  |                  |                |                | 37,060           |
| Roadway Reconstruction - Second Ave        | ST277 C038EG |                  |                  | 500,000          |                |                | 500,000          |
| East 30th Street and University Avenue     | ST290 C038EG | 357,000          | 200,000          |                  |                |                | 557,000          |
| Traffic Signals - Replacement              | TR091 C038EG | 150,000          | 150,000          | 150,000          | 150,000        | 150,000        | 750,000          |
| <b>State Total</b>                         |              | <b>1,690,703</b> | <b>1,650,000</b> | <b>2,040,914</b> | <b>520,000</b> | <b>150,000</b> | <b>6,051,617</b> |

### Storm Water Revenue Bonds

|                                         |              |                   |                   |                  |                  |  |                   |
|-----------------------------------------|--------------|-------------------|-------------------|------------------|------------------|--|-------------------|
| City-wide Storm Water Utility Projects  | SM057 E304PW | 2,000,000         | 2,500,000         |                  |                  |  | 4,500,000         |
| Closes Creek Watershed Improvements     | SM068 E304PW | 4,000,000         | 4,000,000         | 2,500,000        | 2,500,000        |  | 13,000,000        |
| Storm Water Pump Station Rehabilitation | SM073 E304PW | 5,000,000         |                   |                  |                  |  | 5,000,000         |
| Flood Mitigation Improvements           | SM087 E304PW | 9,500,000         | 6,700,000         | 3,100,000        | 3,700,000        |  | 23,000,000        |
| Hamilton Drainage Area Improvements     | SM133 E304PW | 6,100,000         | 4,500,000         | 900,000          | 3,000,000        |  | 14,500,000        |
| <b>Storm Water Revenue Bonds Total</b>  |              | <b>26,600,000</b> | <b>17,700,000</b> | <b>6,500,000</b> | <b>9,200,000</b> |  | <b>60,000,000</b> |

### Storm Water State Revolving Fund Loan

|                                                    |              |                  |  |  |  |  |                  |
|----------------------------------------------------|--------------|------------------|--|--|--|--|------------------|
| Near West Side Sewer Separation                    | SS132 E104PW | 3,623,500        |  |  |  |  | 3,623,500        |
| <b>Storm Water State Revolving Fund Loan Total</b> |              | <b>3,623,500</b> |  |  |  |  | <b>3,623,500</b> |

### Storm Water Utility Fund

|                                        |              |           |           |           |           |           |            |
|----------------------------------------|--------------|-----------|-----------|-----------|-----------|-----------|------------|
| Municipal Service Center - Phase 2     | BL128 C034PK | 1,000,000 |           |           |           |           | 1,000,000  |
| City Tree Replacement Fund (CTRF)      | MS007 C051PW | 50,000    | 50,000    | 50,000    | 50,000    | 50,000    | 250,000    |
| Emerald Ash Borer Response Plan        | MS012 C051PW | 150,000   | 150,000   | 150,000   | 150,000   | 150,000   | 750,000    |
| City-wide Storm Water Utility Projects | SM057 E304PW | 500,000   |           | 1,500,000 | 1,500,000 | 1,500,000 | 5,000,000  |
| Crawford Creek Improvements            | SM074 E304PW | 200,000   | 200,000   | 200,000   | 200,000   |           | 800,000    |
| Flood Mitigation Improvements          | SM087 E304PW | 182,647   | 3,061,893 | 2,225,125 | 1,692,783 | 3,949,529 | 11,111,977 |
| Hamilton Drainage Area Improvements    | SM133 E304PW |           | 430,000   | 3,500,000 | 2,040,000 |           | 5,970,000  |

| Source                                       | Project #    | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|----------------------------------------------|--------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| George Flagg Parkway Levee Replacement Study | SM137 E304PW | 100,000          |                  |                  |                  |                  | 100,000           |
| Near West Side Sewer Separation              | SS132 E104PW | 1,300,000        |                  |                  |                  |                  | 1,300,000         |
| <b>Storm Water Utility Fund Total</b>        |              | <b>3,482,647</b> | <b>3,891,893</b> | <b>7,625,125</b> | <b>5,632,783</b> | <b>5,649,529</b> | <b>26,281,977</b> |

### Tax Increment Funding Bonds

|                                             |              |                   |                   |                   |                   |                   |                    |
|---------------------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 2nd Ave Bridge over the Des Moines River    | BR057 C032EG |                   |                   | 2,000,000         |                   |                   | 2,000,000          |
| Walnut St Bridge over the Des Moines River  | BR059 C032EG | 4,000,000         | 3,000,000         | 1,500,000         |                   |                   | 8,500,000          |
| Principal Park                              | PK132 C040PK | 300,000           | 4,240,000         | 2,635,000         | 100,000           | 100,000           | 7,375,000          |
| Park Improvements                           | PK137 C040PK | 20,000            | 835,000           |                   |                   |                   | 855,000            |
| Public Works - Asphalt Road Improvements    | ST003 C038PW | 375,000           | 375,000           | 375,000           | 375,000           | 375,000           | 1,875,000          |
| Active Transportation                       | ST269 C038EG | 1,925,000         |                   | 500,000           | 500,000           | 500,000           | 3,425,000          |
| Gray's Parkway                              | ST271 C038EG | 750,000           |                   |                   |                   |                   | 750,000            |
| Ingersoll Streetscape                       | ST276 C038EG | 2,820,000         | 2,225,000         | 2,725,000         | 3,000,000         | 5,600,000         | 16,370,000         |
| Roadway Reconstruction - Second Ave         | ST277 C038EG |                   |                   | 3,250,000         | 3,000,000         |                   | 6,250,000          |
| Market District Infrastructure Improvements | ST282 C038EG | 5,100,000         | 8,175,000         | 9,500,000         | 7,000,000         | 1,550,000         | 31,325,000         |
| 5th Ave One-Way to Two-Way                  | ST285 C038EG | 700,000           | 1,000,000         |                   |                   |                   | 1,700,000          |
| SW 11th St & Tuttle St Traffic Improvements | ST288 C038EG | 450,000           | 500,000           |                   |                   |                   | 950,000            |
| SW 14th Street and MLK Traffic Improvements | ST294 C038EG | 50,000            | 500,000           |                   |                   |                   | 550,000            |
| SW 16th Street and MLK Traffic Improvements | ST295 C038EG |                   | 50,000            | 500,000           |                   |                   | 550,000            |
| Tuttle Street Improvements                  | ST296 C038EG | 50,000            | 450,000           | 650,000           |                   |                   | 1,150,000          |
| East Locust Streetscape Repairs             | ST297 C038EG | 900,000           |                   |                   |                   |                   | 900,000            |
| Downtown Pedestrian Wayfinding Signage      | ST299 C038EG |                   |                   |                   | 25,000            | 375,000           | 400,000            |
| Downtown Banner Arm Replacement             | ST300 C038EG | 100,000           |                   |                   |                   |                   | 100,000            |
| Tuttle Street Complete Street               | ST302 C038EG | 50,000            |                   | 50,000            |                   | 500,000           | 600,000            |
| 2nd Ave Improvements - Court Ave to I-235   | ST305 C038EG |                   | 60,000            |                   | 800,000           |                   | 860,000            |
| Merle Hay Corridor Plan                     | ST306 C038EG | 125,000           | 100,000           |                   | 1,000,000         | 1,000,000         | 2,225,000          |
| MLK Pavement Replacement                    | ST310 C038EG |                   | 1,250,000         |                   |                   |                   | 1,250,000          |
| Downtown 2-Way Conversion - Grand & Locust  | ST313 C038EG |                   | 500,000           | 500,000           | 4,000,000         | 4,000,000         | 9,000,000          |
| Skywalk System                              | SW094 C038EG | 250,000           | 250,000           | 250,000           | 250,000           | 250,000           | 1,250,000          |
| <b>Tax Increment Funding Bonds Total</b>    |              | <b>17,965,000</b> | <b>23,510,000</b> | <b>24,435,000</b> | <b>20,050,000</b> | <b>14,250,000</b> | <b>100,210,000</b> |

### Transfers In

|                                                |              |           |         |           |           |         |            |
|------------------------------------------------|--------------|-----------|---------|-----------|-----------|---------|------------|
| Fire Building Improvements                     | BL063 C034PK | 1,109,907 |         |           |           |         | 1,109,907  |
| HVAC, Electrical, and Plumbing Improvements    | BL074 C034PK |           | 89,578  |           |           |         | 89,578     |
| Armory Improvements                            | BL129 C034PK | 150,000   |         |           |           |         | 150,000    |
| Animal Control Facility                        | BL130 C034PD | 477,475   |         |           |           |         | 477,475    |
| Fire Station 4                                 | BL136 C034PK | 475,000   | 585,000 | 5,990,000 | 3,590,000 |         | 10,640,000 |
| Fire Station 3                                 | BLx05 C034PK |           |         |           |           | 715,000 | 715,000    |
| Citywide Bridges                               | BR003 C032EG | 491,645   |         |           |           |         | 491,645    |
| Scott Ave Bridge over the Des Moines River     | BR051 C032EG | 23,000    |         |           |           |         | 23,000     |
| Locust Street Bridge over the Des Moines River | BR052 C032EG | 252,000   |         |           |           |         | 252,000    |
| SW 1st St Bridge over the Raccoon River        | BR056 C032EG | 165,000   |         |           |           |         | 165,000    |
| 2nd Ave Bridge over the Des Moines River       | BR057 C032EG | 700,000   |         |           |           |         | 700,000    |
| Fleur Ave Bridge over Raccoon River            | BR063 C032EG | 350,000   |         |           |           |         | 350,000    |
| NE Fire Station                                | FR041 C041FD | 180,000   |         |           |           |         | 180,000    |
| North Side Parking Lot                         | LB063 C042LB | 410,000   |         |           |           |         | 410,000    |
| Dico Site Improvements                         | MS023 C051CM |           | 300,000 | 250,000   | 250,000   | 250,000 | 1,050,000  |
| SE AG Land Acquisition                         | MS024 C051CD | 750,000   | 875,000 | 875,000   | 750,000   |         | 3,250,000  |
| Sprayground Improvements                       | PK034 C040PK | 256,471   |         |           |           |         | 256,471    |
| Multi-Use Trails                               | PK045 C040PK |           | 134,850 |           |           |         | 134,850    |
| Park Improvements                              | PK137 C040PK | 32,368    |         |           |           |         | 32,368     |
| Park Building Improvements                     | PK143 C040PK | 17,298    |         |           |           |         | 17,298     |

| Source                                             | Project #    | 2022              | 2023             | 2024              | 2025             | 2026             | Total             |
|----------------------------------------------------|--------------|-------------------|------------------|-------------------|------------------|------------------|-------------------|
| Principal Riverwalk                                | PK162 C040PK | 120,689           |                  |                   |                  |                  | 120,689           |
| MacRae Park Improvements                           | PK179 C040PK | 1,232,626         | 200,000          |                   |                  |                  | 1,432,626         |
| Riverview Park - Site Plaza and Shelter            | PK182 C040PK | 28,967            |                  |                   |                  |                  | 28,967            |
| Park Playground Improvements                       | PK185 C040PK | 79,601            | 100,000          |                   |                  |                  | 179,601           |
| Chesterfield Park Improvements                     | PK187 C040PK | 200,000           | 436,000          |                   |                  |                  | 636,000           |
| Carlisle Connection Trail                          | PK190 C040PK | 200,000           | 50,000           | 800,000           |                  |                  | 1,050,000         |
| Central Place Levee Trail                          | PK193 C040PK |                   | 150,000          | 350,000           | 635,000          | 415,000          | 1,550,000         |
| City-wide Storm Water Utility Projects             | SM057 E304PW | 148,800           |                  |                   |                  |                  | 148,800           |
| Closes Creek Watershed Improvements                | SM068 E304PW | 350,000           | 1,926,093        |                   |                  |                  | 2,276,093         |
| Lower Oak Park and Highland Park Sewer Separation  | SS133 E104PW |                   | 185,854          |                   |                  |                  | 185,854           |
| Little Four Mile Trunk Sanitary Sewer              | SS137 E104PW |                   | 64,372           |                   |                  |                  | 64,372            |
| Market District Lift Station and Force Main        | SS140 E104PW |                   | 80,396           |                   |                  |                  | 80,396            |
| Roadway Rehabilitation - Residential               | ST013 C038EG | 391,470           |                  |                   |                  |                  | 391,470           |
| Railroad Crossing Surface Repairs & Signal Improv. | ST139 C038EG |                   |                  |                   | 200,000          |                  | 200,000           |
| Roadway Rehabilitation - Collector                 | ST217 C038PW | 111,547           |                  |                   |                  |                  | 111,547           |
| Streetscape Improvements                           | ST231 C038EG | 352,286           |                  |                   |                  |                  | 352,286           |
| Roadway Reconstruction                             | ST260 C038EG | 210,000           |                  |                   |                  |                  | 210,000           |
| Indianola Ave Improve - E Army Post Rd to Hwy 69   | ST264 C038EG |                   | 400,000          |                   |                  |                  | 400,000           |
| Roadway Reconstruction - Fleur Drive               | ST267 C038EG | 451,796           | 583,715          |                   |                  |                  | 1,035,511         |
| Vandalia Road Improvements                         | ST268 C038EG | 270,727           |                  |                   |                  |                  | 270,727           |
| Active Transportation                              | ST269 C038EG | 985,000           |                  |                   |                  | 80,000           | 1,065,000         |
| Gray's Parkway                                     | ST271 C038EG |                   | 100,000          |                   |                  |                  | 100,000           |
| SE 7th Street Reconstruction & Trunk Sewer         | ST274 C038EG | 245,000           |                  |                   |                  |                  | 245,000           |
| Ingersoll Streetscape                              | ST276 C038EG | 810,740           | 330,000          |                   |                  |                  | 1,140,740         |
| Roadway Reconstruction - Second Ave                | ST277 C038EG | 67,241            | 850,000          |                   |                  |                  | 917,241           |
| 5th Ave One-Way to Two-Way                         | ST285 C038EG | 888,546           |                  |                   |                  |                  | 888,546           |
| Douglas Avenue Merle Hay Road to Lower Beaver Road | ST289 C038EG | 63,351            |                  |                   |                  |                  | 63,351            |
| East Locust Streetscape Repairs                    | ST297 C038EG | 1,060,000         | 300,000          |                   |                  |                  | 1,360,000         |
| Watrous Avenue Extension                           | ST308 C038EG |                   | 453,344          | 400,000           |                  |                  | 853,344           |
| SE 14th Street and Maury Street Improvements       | ST309 C038EG |                   | 250,000          | 125,000           | 375,000          | 1,750,000        | 2,500,000         |
| 19th Street and MLK Modifications                  | ST311 C038EG |                   | 125,000          | 1,625,000         |                  |                  | 1,750,000         |
| 30th Street Sidewalk                               | ST312 C038EG |                   |                  | 50,000            | 300,000          |                  | 350,000           |
| Parking Lot between City Hall and E 2nd Garage     | ST314 C038EG |                   | 100,000          |                   |                  |                  | 100,000           |
| Sidewalks - School and Priority Routes             | SW081 C038EG | 200,000           |                  |                   |                  |                  | 200,000           |
| Traffic Studies & Improvements                     | TR031 C038EG | 214,138           | 250,000          | 250,000           | 250,000          | 250,000          | 1,214,138         |
| Traffic Signals - Replacement                      | TR091 C038EG | 100,000           |                  |                   |                  |                  | 100,000           |
| Transportation Master Plan                         | TR101 C038EG | 115,000           |                  |                   |                  |                  | 115,000           |
| <b>Transfers In Total</b>                          |              | <b>14,737,689</b> | <b>8,919,202</b> | <b>10,715,000</b> | <b>6,350,000</b> | <b>3,460,000</b> | <b>44,181,891</b> |

**Waste Water Reclamation Authority**

|                                                |              |                |  |  |  |  |                |
|------------------------------------------------|--------------|----------------|--|--|--|--|----------------|
| Park Infrastructure                            | PK175 C040PK | 113,270        |  |  |  |  | 113,270        |
| <b>Waste Water Reclamation Authority Total</b> |              | <b>113,270</b> |  |  |  |  | <b>113,270</b> |

**GRAND TOTAL** **233,560,440 188,414,702 162,421,075 123,811,000 87,886,000 796,093,217**

Project # BR003 C032EG  
 Project Name Citywide Bridges

Department Bridge  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 50 years  
 Category Bridge Improvements

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$7,469,710  
 This project provides for minor repairs and rehabilitation of city bridges which are structurally deficient or in need of minor reconstruction in order to comply with minimum safety standards and prevent future structural deterioration. A city-wide bridge evaluation study is required every two years. The FY2021 study, completed in 2021, found that 22% of the bridges had an average condition rated Excellent/Very Good, 51% Good, 22% Fair, and 4% Poor. Excluded are pedestrian bridges and structures. Planned projects include minor repairs to various bridges and future bridge replacements and repairs prioritized by the inspection report.

**Justification**  
 This project is essential to provide funding for anticipated and unanticipated minor repairs that are needed from time to time. Completing these projects helps the City comply with minimum safety standards and prevent future structural deterioration of the bridges. The 2021 Bridge Evaluation Study will help prioritize all bridge projects until the next study is completed in 2023.

| Expenditures             | 2022           | 2023           | 2024             | 2025             | 2026             | Total            |
|--------------------------|----------------|----------------|------------------|------------------|------------------|------------------|
| Construction/Maintenance | 769,710        | 300,000        | 1,400,000        | 1,000,000        | 2,000,000        | 5,469,710        |
| <b>Total</b>             | <b>769,710</b> | <b>300,000</b> | <b>1,400,000</b> | <b>1,000,000</b> | <b>2,000,000</b> | <b>5,469,710</b> |
| Funding Sources          | 2022           | 2023           | 2024             | 2025             | 2026             | Total            |
| Gaming Monies            | 250,000        | 300,000        | 1,400,000        | 1,000,000        | 2,000,000        | 4,950,000        |
| Transfers In             | 491,645        |                |                  |                  |                  | 491,645          |
| <b>Total</b>             | <b>741,645</b> | <b>300,000</b> | <b>1,400,000</b> | <b>1,000,000</b> | <b>2,000,000</b> | <b>5,441,645</b> |

**Budget Impact/Other**  
 This project will reduce long-term maintenance costs from the Road Use Tax Fund.  
 Transfers In  
 SM057 City Wide Storm - \$145,645  
 BR054 Court Ave Bridge - \$346,000

Project # **BR051 C032EG**  
 Project Name **Scott Ave Bridge over the Des Moines River**

Department Bridge  
 Contact City Engineer  
 Type One Phase  
 Useful Life 25 years  
 Category Bridge Improvements

Ward 4  
 UR Area  
 Grantee

**Description** Total Project Cost: \$85,958  
 This project provides for the rehabilitation of the Scott Avenue Bridge over the Des Moines River. Work included in the project consists of deck repairs, expansion joint replacement, and repairs to the arches and piers. A consultant will be utilized for design and construction phase services.

**Justification**  
 The 2015 City-wide Bridge and Structure Evaluation found that the bridge is showing signs of deterioration, especially at the expansion joints and the arches and piers. The project will extend the life of the bridge by 20 to 30 years. This project received Federal funds as part of the 2016 TIGER Grant that was awarded to the City. This project will be bid together and coordinated with other TIGER projects: Court Avenue over the Des Moines River, and SW 1st Street over the Raccoon River.

| Expenditures             | 2022          | 2023 | 2024 | 2025 | 2026 | Total         |
|--------------------------|---------------|------|------|------|------|---------------|
| Construction/Maintenance | 85,958        |      |      |      |      | 85,958        |
| <b>Total</b>             | <b>85,958</b> |      |      |      |      | <b>85,958</b> |

| Funding Sources | 2022          | 2023 | 2024 | 2025 | 2026 | Total         |
|-----------------|---------------|------|------|------|------|---------------|
| Transfers In    | 23,000        |      |      |      |      | 23,000        |
| <b>Total</b>    | <b>23,000</b> |      |      |      |      | <b>23,000</b> |

**Budget Impact/Other**  
 This project will reduce long-term maintenance costs from the Road Use Tax Fund.  
 Transfers In  
 BR054 Court Ave Bridge - \$23,000

Project # **BR052 C032EG**  
 Project Name **Locust Street Bridge over the Des Moines River**

Department Bridge  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Bridge Improvements

Ward 3, 4  
 UR Area  
 Grantee

**Description**

Total Project Cost: \$275,074

This project provides for the replacement of the Locust Street Bridge over the Des Moines River. A consultant is being utilized for design and construction phase services. This budget assumes a standard replacement structure with higher level aesthetic enhancements.

**Justification**

Due to the extensive deterioration found during the 2014 Downtown Bridge Evaluation, a new bridge was determined to be the most cost-effective solution.

| Expenditures             | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|------|------|------|------|----------------|
| Construction/Maintenance | 275,074        |      |      |      |      | 275,074        |
| <b>Total</b>             | <b>275,074</b> |      |      |      |      | <b>275,074</b> |
| Funding Sources          | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
| Federal                  | 548,000        |      |      |      |      | 548,000        |
| Other                    | 95,320         |      |      |      |      | 95,320         |
| Transfers In             | 252,000        |      |      |      |      | 252,000        |
| <b>Total</b>             | <b>895,320</b> |      |      |      |      | <b>895,320</b> |

**Budget Impact/Other**

This project will reduce long-term maintenance costs from the Road Use Tax Fund.

Transfers In  
 BR054 Court Ave Bridge - \$252,000

Project # **BR054 C032EG**  
 Project Name **Court Ave Bridge over the Des Moines River**

Department Bridge  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Bridge Improvements

Ward 3, 4

UR Area

Grantee

**Description**

Total Project Cost: \$1,555,934

This project provided for the rehabilitation of the Court Avenue Bridge over the Des Moines River. Work included: deck repairs, expansion joint replacement, deck overlaying, sidewalk replacement, and repairs to the arches and piers. A consultant was utilized for design and construction phase services. This project received Federal funds as part of the 2016 TIGER Grant that was awarded to the City. This project was bid together and coordinated with other TIGER projects: Scott Avenue over the Des Moines River, and SW 1st Street over the Raccoon River.

**Justification**

The 2014 Downtown Bridge Evaluation found that this bridge is showing signs of deterioration, especially in the deck and wearing surface.

| Expenditures             | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------|------|------|------|------------------|
| Construction/Maintenance | 419,934          |      |      |      |      | 419,934          |
| Transfers Out            | 1,136,000        |      |      |      |      | 1,136,000        |
| <b>Total</b>             | <b>1,555,934</b> |      |      |      |      | <b>1,555,934</b> |

**Budget Impact/Other**

This project will reduce long-term maintenance costs from the Road Use Tax Fund.

Project # **BR055 C032EG**  
 Project Name **E 30th Street Bridge over Union Pacific RR**

Department Bridge  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Bridge Improvements

Ward 4

UR Area

Grantee

**Description**

Total Project Cost: \$3,007,315

The project provides for the rehabilitation of the E. 30th Street Bridge over the Union Pacific Railroad. Work included in this project includes deck repairs, expansion joint replacement, deck overlay, and repairs to the steel substructure. A consultant is being utilized for design and construction phase services.

**Justification**

It is essential to rehabilitate the structure before there is further deterioration of the bridge.

| Expenditures             | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------|------|------|------|------------------|
| Construction/Maintenance | 2,307,315        |      |      |      |      | 2,307,315        |
| Transfers Out            | 700,000          |      |      |      |      | 700,000          |
| <b>Total</b>             | <b>3,007,315</b> |      |      |      |      | <b>3,007,315</b> |

  

| Funding Sources | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|-----------------|----------------|------|------|------|------|----------------|
| Other           | 106,000        |      |      |      |      | 106,000        |
| State           | 750,000        |      |      |      |      | 750,000        |
| <b>Total</b>    | <b>856,000</b> |      |      |      |      | <b>856,000</b> |

**Budget Impact/Other**

This project will reduce long-term maintenance costs from the Road Use Tax Fund.

Project # **BR056 C032EG**  
 Project Name **SW 1st St Bridge over the Raccoon River**

Department Bridge  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Bridge Improvements

Ward 3, 4  
 UR Area  
 Grantee

**Description** Total Project Cost: \$51,663  
 This project provides for the rehabilitation of the SW 1st Street Bridge over the Raccoon River. Work included in the project consists of deck repairs, expansion joint replacement, and repairs to the arches and piers. A consultant is being utilized for design and construction phase services.

**Justification**  
 The 2015 City-wide Bridge and Structure Evaluation found that the bridge is showing signs of deterioration, especially at the expansion joints and the arches and piers. The project will extend the life of the bridge by 20 to 30 years. This project received Federal funds as part of the 2016 TIGER Grant that was awarded to the City. This project will be bid together and coordinated with other TIGER projects: Court Avenue over the Des Moines River, and Scott Avenue over the Des Moines River.

| Expenditures             | 2022          | 2023 | 2024 | 2025 | 2026 | Total         |
|--------------------------|---------------|------|------|------|------|---------------|
| Construction/Maintenance | 51,663        |      |      |      |      | 51,663        |
| <b>Total</b>             | <b>51,663</b> |      |      |      |      | <b>51,663</b> |

| Funding Sources | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|-----------------|----------------|------|------|------|------|----------------|
| Transfers In    | 165,000        |      |      |      |      | 165,000        |
| <b>Total</b>    | <b>165,000</b> |      |      |      |      | <b>165,000</b> |

**Budget Impact/Other**  
 This project is not anticipated to affect the operating budget.  
 Transfers In  
 BR054 Court Ave Bridge TIGER - \$165,000

Project # **BR057 C032EG**  
 Project Name **2nd Ave Bridge over the Des Moines River**

Department Bridge  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Bridge Improvements

Ward 1, 2  
 UR Area  
 Grantee

**Description** Total Project Cost: \$10,236,729  
 This project provides for the rehabilitation of the 2nd Avenue Bridge over the Des Moines River and over Birdland Drive. Work on this project is anticipated to consist of deck repairs, expansion joint replacement, deck overlay, repairs to steel substructure, and repainting. A consultant will be utilized for design and construction phase services.

**Justification**  
 It is essential to rehabilitate the structure before there is further deterioration of the bridge.

| Expenditures                | 2022             | 2023             | 2024             | 2025 | 2026 | Total             |
|-----------------------------|------------------|------------------|------------------|------|------|-------------------|
| Construction/Maintenance    | 3,236,729        | 5,000,000        | 2,000,000        |      |      | 10,236,729        |
| <b>Total</b>                | <b>3,236,729</b> | <b>5,000,000</b> | <b>2,000,000</b> |      |      | <b>10,236,729</b> |
| Funding Sources             | 2022             | 2023             | 2024             | 2025 | 2026 | Total             |
| Federal                     |                  | 2,000,000        |                  |      |      | 2,000,000         |
| Gaming Monies               | 925,000          |                  |                  |      |      | 925,000           |
| General Obligation Bonds    | 1,500,000        | 3,000,000        |                  |      |      | 4,500,000         |
| Tax Increment Funding Bonds |                  |                  | 2,000,000        |      |      | 2,000,000         |
| Transfers In                | 700,000          |                  |                  |      |      | 700,000           |
| <b>Total</b>                | <b>3,125,000</b> | <b>5,000,000</b> | <b>2,000,000</b> |      |      | <b>10,125,000</b> |

**Budget Impact/Other**  
 This project will reduce long-term maintenance costs from the Road Use Tax Fund.  
 Transfers In  
 BR055 E 30th St Bridge - \$700,000

Project # BR058 C032EG  
 Project Name Guthrie Ave Bridge over Union Pacific RR  
 Ward 2 UR Area  
 Grantee

Department Bridge  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Bridge Improvements

**Description** Total Project Cost: \$5,459,628  
 This project provides for the rehabilitation of the Guthrie Avenue Viaduct over the Union Pacific Railroad. Work included in this project is anticipated to consist of deck repairs, deck overlay, barrier and rail rehabilitation. A consultant will be utilized for design and construction phase services.

**Justification**  
 It is essential to rehabilitate the structure before there is further deterioration of the bridge.

| Expenditures             | 2022           | 2023             | 2024             | 2025 | 2026 | Total            |
|--------------------------|----------------|------------------|------------------|------|------|------------------|
| Construction/Maintenance | 309,628        | 4,150,000        | 1,000,000        |      |      | 5,459,628        |
| <b>Total</b>             | <b>309,628</b> | <b>4,150,000</b> | <b>1,000,000</b> |      |      | <b>5,459,628</b> |

  

| Funding Sources          | 2022             | 2023             | 2024             | 2025 | 2026 | Total            |
|--------------------------|------------------|------------------|------------------|------|------|------------------|
| Federal                  |                  | 2,000,000        |                  |      |      | 2,000,000        |
| Gaming Monies            | 525,000          | 200,000          |                  |      |      | 725,000          |
| General Obligation Bonds | 825,000          |                  | 1,000,000        |      |      | 1,825,000        |
| <b>Total</b>             | <b>1,350,000</b> | <b>2,200,000</b> | <b>1,000,000</b> |      |      | <b>4,550,000</b> |

**Budget Impact/Other**  
 This project will reduce long-term maintenance costs from the Road Use Tax Fund.

Project # BR059 C032EG  
 Project Name Walnut St Bridge over the Des Moines River  
 Ward 3, 4 UR Area Metro Center  
 Grantee

Department Bridge  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Bridge Improvements

**Description** Total Project Cost: \$14,308,230  
 This project provides for the replacement of the Walnut Street Bridge over the Des Moines River. Due to the extensive deterioration found during design, a new bridge was found to be the most cost-effective solution. This budget assumes a standard replacement structure with higher level aesthetic enhancements. This project includes the rehabilitation of the river walls and balustrades on the east side of the river from Court Avenue to Walnut Street.

**Justification**  
 The 2014 Downtown Bridge Evaluation has found that this bridge is showing signs of excessive deterioration, especially in the deck, wearing surface, and arches.

| Expenditures             | 2022             | 2023              | 2024             | 2025 | 2026 | Total             |
|--------------------------|------------------|-------------------|------------------|------|------|-------------------|
| Construction/Maintenance | 1,808,230        | 10,400,000        | 2,100,000        |      |      | 14,308,230        |
| <b>Total</b>             | <b>1,808,230</b> | <b>10,400,000</b> | <b>2,100,000</b> |      |      | <b>14,308,230</b> |

  

| Funding Sources             | 2022             | 2023             | 2024             | 2025 | 2026 | Total             |
|-----------------------------|------------------|------------------|------------------|------|------|-------------------|
| Federal                     | 1,000,000        | 2,400,000        |                  |      |      | 3,400,000         |
| Gaming Monies               |                  | 1,500,000        | 600,000          |      |      | 2,100,000         |
| Tax Increment Funding Bonds | 4,000,000        | 3,000,000        | 1,500,000        |      |      | 8,500,000         |
| <b>Total</b>                | <b>5,000,000</b> | <b>6,900,000</b> | <b>2,100,000</b> |      |      | <b>14,000,000</b> |

**Budget Impact/Other**  
 This project will reduce long-term maintenance costs from the Road Use Tax Fund.

Project # **BR061 C032EG**  
 Project Name **SW 8th St & SW 9th St Viaducts**

Department Bridge  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Bridge Improvements

Ward 3

UR Area

Grantee

**Description**

Total Project Cost: \$1,196,252

This project provides for the rehabilitation of the SW 8th and SW 9th Street Viaducts. The 2019 Bridge Evaluation identified structural problems with both bridges in the substructure. Work included on this project is anticipated to consist of deck repairs, repairs to the abutment, and the substructure. A consultant is being utilized for design and construction phase services.

**Justification**

It is essential to rehabilitate the structure before there is further deterioration of the bridge.

| Expenditures             | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------|------|------|------|------------------|
| Construction/Maintenance | 1,196,252        |      |      |      |      | 1,196,252        |
| <b>Total</b>             | <b>1,196,252</b> |      |      |      |      | <b>1,196,252</b> |

| Funding Sources          | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------|------|------|------|------------------|
| General Obligation Bonds | 1,100,000        |      |      |      |      | 1,100,000        |
| <b>Total</b>             | <b>1,100,000</b> |      |      |      |      | <b>1,100,000</b> |

**Budget Impact/Other**

This project will reduce long-term maintenance costs from the Road Use Tax Fund.

Project # **BR062 C032EG**  
 Project Name **SW 9th St Bridge over Middle Creek**

Department Bridge  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Bridge Improvements

Ward 3

UR Area

Grantee

**Description**

Total Project Cost: \$2,249,973

This project provides for the rehabilitation of the SW 9th Street Bridge over Middle Creek. The 2017 Bridge Evaluation identified the bridge to be structurally deficient. Work included on this project is anticipated to be a complete replacement of the bridge. A Consultant is being utilized for design and construction phase services.

**Justification**

It is essential to rehabilitate the structure before there is further deterioration.

| Expenditures             | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------------------|------|------|------|------------------|
| Construction/Maintenance | 1,249,973        | 1,000,000        |      |      |      | 2,249,973        |
| <b>Total</b>             | <b>1,249,973</b> | <b>1,000,000</b> |      |      |      | <b>2,249,973</b> |

| Funding Sources          | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------------------|------|------|------|------------------|
| Federal                  |                  | 1,000,000        |      |      |      | 1,000,000        |
| Gaming Monies            | 300,000          |                  |      |      |      | 300,000          |
| General Obligation Bonds | 900,000          |                  |      |      |      | 900,000          |
| <b>Total</b>             | <b>1,200,000</b> | <b>1,000,000</b> |      |      |      | <b>2,200,000</b> |

**Budget Impact/Other**

This project will reduce long-term maintenance costs from the Road Use Tax Fund.

Project # **BR063 C032EG**  
 Project Name **Fleur Ave Bridge over Raccoon River**

Department Bridge  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Bridge Improvements

Ward 3 UR Area  
 Grantee

**Description** Total Project Cost: \$3,350,000  
 This project provides for the rehabilitation of the Fleur Drive Bridge over the Raccoon River. Work on the rehabilitation of the bridge over the Des Moines River is anticipated to the replacement of the north bridge span over the railroad tracks. The cross section of the bridge will be coordinated with the improvements to the 18th Street and Locust Street Improvements. A consultant will be utilized for design and construction phase services.

**Justification**  
 It is essential to rehabilitate the structure before there is further deterioration of the bridge.

| Expenditures             | 2022           | 2023           | 2024 | 2025             | 2026 | Total            |
|--------------------------|----------------|----------------|------|------------------|------|------------------|
| Planning/Design          | 150,000        | 200,000        |      |                  |      | 350,000          |
| Construction/Maintenance |                |                |      | 3,000,000        |      | 3,000,000        |
| <b>Total</b>             | <b>150,000</b> | <b>200,000</b> |      | <b>3,000,000</b> |      | <b>3,350,000</b> |

  

| Funding Sources | 2022           | 2023 | 2024 | 2025             | 2026 | Total            |
|-----------------|----------------|------|------|------------------|------|------------------|
| Federal         |                |      |      | 2,000,000        |      | 2,000,000        |
| Gaming Monies   |                |      |      | 1,000,000        |      | 1,000,000        |
| Transfers In    | 350,000        |      |      |                  |      | 350,000          |
| <b>Total</b>    | <b>350,000</b> |      |      | <b>3,000,000</b> |      | <b>3,350,000</b> |

**Budget Impact/Other**  
 This project will reduce long-term maintenance costs from the Road Use Tax Fund.  
 Transfers In:  
 BR054 Court Ave TIGER - \$350,000

Project # **FR013 C041FD**  
 Project Name **Fire Equipment Acquisition**

Department **Fire**  
 Contact **Fire Chief**  
 Type **Ongoing**  
 Useful Life **5 years**  
 Category **Equipment**

Ward **All** UR Area  
 Grantee

**Description** Total Project Cost: \$21,611,487

This project provides for the planned and systematic replacement of major fire apparatus and for the original purchase and replacement of other capital equipment such as pumps, monitor-defibrillators, thermal imaging technology, etc. The major fire apparatus fleet is comprised of engines, trucks, ambulances, and specialized emergency response vehicles. Specifically excluded are vans, automobiles, and other vehicles that are not routinely dispatched to emergency events that are purchased as part of the City's fleet. Planned acquisitions are: FY22 one ambulance, two engines, one HazMat unit, one medical Gator and SCBA fit testing machine; and FY23 - two ambulances, one engine, and LUCUS chest compression system replacement, and Special Operations Section (SOS) Unit; and FY24 - three ambulances, two engines, ePCR hardware replacement and Life Pak monitor & AED units; FY25 - three ambulances, one 100' truck, one 75' truck, one WET boat and a Brush Truck; and FY26 three ambulances, one engine, one simulator mannequin, KeySecure replacement and one tech rescue unit.

**Justification**

Engines and ladder trucks have an expected life cycle of ten years in front-line service and five years in 'ready' reserve status. Ambulances have a total front-line and reserve useful life of five years and approximately 100,000 miles. Replacing ambulances in a timely manner helps assure that the patient care modules remain suitable environments for the delivery of medical care, and that maintenance costs are reasonable. Historically, the trade-in value of ambulances is minimal- less than \$15,000. This project should help reduce maintenance and operating costs in the operating department (G001 FD100000 - Maintenance and Repair).

| Expenditures                            | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|-----------------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Equipment/Vehicles/Furnishing           | 6,121,487        | 4,000,000        | 3,490,000        | 3,750,000        | 4,250,000        | 21,611,487        |
| <b>Total</b>                            | <b>6,121,487</b> | <b>4,000,000</b> | <b>3,490,000</b> | <b>3,750,000</b> | <b>4,250,000</b> | <b>21,611,487</b> |
| Funding Sources                         | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
| General Obligation Bonds                | 2,325,000        | 1,350,000        | 2,240,000        | 2,500,000        | 3,000,000        | 11,415,000        |
| Ground Emergency Medical Transportation | 2,500,000        | 250,000          | 1,250,000        | 1,250,000        | 1,250,000        | 6,500,000         |
| <b>Total</b>                            | <b>4,825,000</b> | <b>1,600,000</b> | <b>3,490,000</b> | <b>3,750,000</b> | <b>4,250,000</b> | <b>17,915,000</b> |

**Budget Impact/Other**  
 \$1,250,000 of funding is transferred into this project from GEMT funds. This will be the case for every fiscal year beginning in FY 2024.

Project # **FR016 C041FD**  
 Project Name **Fire Building Improvements**

Department Fire  
 Contact Fire Chief  
 Type One Phase  
 Useful Life 25 years  
 Category Building Improvements

Ward  
 Grantee  
 UR Area

**Description**

Total Project Cost: \$629,907

This project funds the repair and replacement program of all eleven fire department buildings including roofs, kitchens, bathrooms, locker-room, HVAC systems, overhead doors, and exterior renovation. The major expense in the short term is replacement of roofs, and renovation of the shower areas. In FY 2022, Fire Building Improvements was FR016 was moved to BL063 (Fire Building Improvements) in FY 22. This transfer closes out the Project.

**Justification**

Timely investment in facilities will help to: extend the useful life of the buildings, minimize energy and maintenance costs, improve efficiency, and provide an improved working environment.

| Expenditures  | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|---------------|----------------|------|------|------|------|----------------|
| Transfers Out | 629,907        |      |      |      |      | 629,907        |
| <b>Total</b>  | <b>629,907</b> |      |      |      |      | <b>629,907</b> |

**Budget Impact/Other**

In FY 2022, Fire Building Improvements was moved under the Municipal Building Projects. This transfer out moves the balance to fund additional Fire Station improvements under BL063.

Project # **FR041 C041FD**  
 Project Name **NE Fire Station**

Department **Fire**  
 Contact **Fire Chief**  
 Type **Multi-Phase**  
 Useful Life **50 years**  
 Category **Building Improvements**

Ward **2** UR Area  
 Grantee

**Description** Total Project Cost: \$1,043,822  
 This new station will serve both Northeast Des Moines and will allow for future partnerships with other neighboring communities. This project will be closing upon completion of the station in FY23.

**Justification**  
 Maintaining the City's ISO rating (Insurance Services Office) and effective distribution and concentration of fire department resources, an additional station is necessary. On August 25, 2014 (RC 14-1304), the City Council approved consultant review of current location of stations and forecast future demands for DMFD services; the results were presented to City Council on January 12, 2015. On October 12, 2015, the City Council approved application for Registered Agency Status for the Fire Department consistent with the Strategic Plan 2015-2020-2030, Action Agenda Goal 3, High Performing City Organization action items for 2015-2016, and as recommended in the Fire Station Placement Review and Recommendations for Expansion (Rec. 8-1 ). On November 9, 2015, the City Council approved receipt of recommendation to accept and approve its Strategic Plan, including Action Item, Fire Station Study: Update Report 4/16. On August 28, 2017 (RC 17-1487), the City Council Resolved to pursue a concept of planning and operations to improve the delivery of fire and EMS operations within the City of Des Moines and authorized the City Manager to implement available opportunities to improve the same as well as to make appropriate reports, information, and recommendations to City Council. The impact of a new station would be based on the number of personnel necessary to staff assigned apparatus.

| Expenditures             | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------|------|------|------|------------------|
| Construction/Maintenance | 563,822          |      |      |      |      | 563,822          |
| Transfers Out            | 480,000          |      |      |      |      | 480,000          |
| <b>Total</b>             | <b>1,043,822</b> |      |      |      |      | <b>1,043,822</b> |

  

| Funding Sources | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|-----------------|----------------|------|------|------|------|----------------|
| Transfers In    | 180,000        |      |      |      |      | 180,000        |
| <b>Total</b>    | <b>180,000</b> |      |      |      |      | <b>180,000</b> |

**Budget Impact/Other**  
 \$180,000 is being transferred into this project from ST217. This is to account for roadway modifications.

Project # LB046 C042LB  
 Project Name Collection Additions and Replacement

Department Library  
 Contact Library Director  
 Type Ongoing  
 Useful Life 5 years  
 Category Other

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$4,675,000  
 This project provides for ongoing scheduled replacement of the existing collections. This project includes funds for approximately \$20,000 of audio materials, \$50,000 of videos, \$300,000 of electronic media, and \$500,000 of books per year. Principal payments on the library books are front-loaded so the principal payments are made within five years. GO Bond funding is supplemented with audio and video rental fees.

**Justification**  
 New books are necessary to fill the shelves of the new and expanded facilities. The existing collections need to be maintained in order to meet the demands of the customers.

| Expenditures | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Other        | 905,000        | 920,000        | 940,000        | 950,000        | 960,000        | 4,675,000        |
| <b>Total</b> | <b>905,000</b> | <b>920,000</b> | <b>940,000</b> | <b>950,000</b> | <b>960,000</b> | <b>4,675,000</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| General Obligation Bonds | 785,000        | 800,000        | 820,000        | 830,000        | 840,000        | 4,075,000        |
| Other                    | 120,000        | 120,000        | 120,000        | 120,000        | 120,000        | 600,000          |
| <b>Total</b>             | <b>905,000</b> | <b>920,000</b> | <b>940,000</b> | <b>950,000</b> | <b>960,000</b> | <b>4,675,000</b> |

**Budget Impact/Other**  
 In FY 2003, books were moved from the Operating Budget to the CIP. Since that time, \$9.7 million of bonds have been issued in this project.

Project # **LB055 C042LB**  
 Project Name **Miscellaneous Building Improvements**

Department Library  
 Contact Library Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Building Improvements

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$3,023,237

This project provides for miscellaneous major repairs and improvements for the Central Library and any of the branch locations. Expenditures from this fund will also be used for energy improvement projects that will minimize annual energy operating costs, and staffing costs of facilities. Planned projects include: FY2022 replace existing HVAC controller of heating and cooling at the Central Library with an updated system, North side - replace sump pump and sump pump alarms; FY2023 - Franklin Booster pump, North Side - Replace ice melt system; FY2024 - East side seal and stabilize building, Franklin - Replace Glycol Line. The replacement of windows at the Central Library will be an ongoing expense.

**Justification**

Normal wear and tear requires that the city has funding to undertake periodic improvements to these facilities with an insured value over \$66 million.

| Expenditures             | 2022             | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|------------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 2,013,237        | 200,000        | 200,000        | 200,000        | 200,000        | 2,813,237        |
| Transfers Out            | 210,000          |                |                |                |                | 210,000          |
| <b>Total</b>             | <b>2,223,237</b> | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> | <b>3,023,237</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| General Obligation Bonds | 650,000        | 200,000        | 200,000        | 200,000        | 200,000        | 1,450,000        |
| <b>Total</b>             | <b>650,000</b> | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> | <b>1,450,000</b> |

**Budget Impact/Other**

The effect on the General Fund operating budget vary depending on the project. It is anticipated that the facility inspections, repairs, and energy audits will lead to projects that will result in savings.

Project # **LB063 C042LB**  
 Project Name **North Side Parking Lot**

Department Library  
 Contact Library Director  
 Type One Phase  
 Useful Life 50 years  
 Category Building Improvements

Ward 1,2,3,4 UR Area  
 Grantee

**Description** Total Project Cost: \$385,698  
 This project involves the demolition and replacement of the parking lot serving the North Side Library location. Two lots directly south of the current parking lot were available for sale and the houses subsequently moved.

**Justification**  
 The existing lot was too small and is not up to current zoning codes.

| Expenditures             | 2022           | 2023          | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|---------------|------|------|------|----------------|
| Construction/Maintenance | 385,698        |               |      |      |      | 385,698        |
| <b>Total</b>             | <b>385,698</b> |               |      |      |      | <b>385,698</b> |
| Funding Sources          | 2022           | 2023          | 2024 | 2025 | 2026 | Total          |
| General Obligation Bonds |                | 50,000        |      |      |      | 50,000         |
| Transfers In             | 410,000        |               |      |      |      | 410,000        |
| <b>Total</b>             | <b>410,000</b> | <b>50,000</b> |      |      |      | <b>460,000</b> |

**Budget Impact/Other**  
 Transfer into LB063 from ST013 of \$200,000. This is due to the expansion of the project to cover Storm Sewer modifications. The \$210,000 transfer is from LB055 and provides enough funding to the project for completion.

Project # **LB064 C042LB**  
 Project Name **Integrated Library System (ILS)**

Department Library  
 Contact Library Director  
 Type One Phase  
 Useful Life 20 years  
 Category Information Technology

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$500,000  
 The Library is in the need to replace its current Integrated Library System (ILS) with another vendor. Technology has progressed rapidly and our software vendor can no longer meet the needs of our organization as we look towards the future, in terms of being more mobile in the community for outreach as well as making process improvements for our staff.

**Justification**  
 From the public perspective, we hope to gain efficiencies with patron facing tools, such as online card registration and more user-friendly online catalog. The main increase in cost will be the annual hosting fees that we are currently not paying. The new ILS will be hosted on a cloud source and not on IT servers which will provide logistical and efficiency benefits to upgrades, support, and staff time. The \$500,000 is primarily for the migration process.

| Expenditures                  | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|-------------------------------|----------------|------|------|------|------|----------------|
| Equipment/Vehicles/Furnishing | 500,000        |      |      |      |      | 500,000        |
| <b>Total</b>                  | <b>500,000</b> |      |      |      |      | <b>500,000</b> |
| Funding Sources               | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
| General Obligation Bonds      | 500,000        |      |      |      |      | 500,000        |
| <b>Total</b>                  | <b>500,000</b> |      |      |      |      | <b>500,000</b> |

**Budget Impact/Other**  
 Annual cost for software will increase. Anticipated \$125,000/year payment rather than \$50,000/year currently paying.

|              |                                               |
|--------------|-----------------------------------------------|
| Project #    | MS001 C051IT                                  |
| Project Name | Enhanced Information and Communication System |
| Ward         | All                                           |
| UR Area      |                                               |
| Grantee      |                                               |

Department Miscellaneous  
 Contact IT Director  
 Type Ongoing  
 Useful Life 10 years  
 Category Equipment

|                                                                                                                                                                                                                                               |                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Description                                                                                                                                                                                                                                   | Total Project Cost: \$8,845,629 |
| This project funds the continued replacement and upgrade of City information technology systems including data and voice communications, fiber optic and wireless networks, data storage and servers, cybersecurity, and enterprise software. |                                 |

|                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Justification                                                                                                                                                                                                                                                                            |
| The improvement and modernization of information technology increases the security and resiliency of critical City operations. It enhances service levels for the public and prepares the City for other major infrastructure improvements like the future relocation to a new facility. |

| Expenditures                  | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Equipment/Vehicles/Furnishing | 3,845,629        | 2,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 8,845,629        |
| <b>Total</b>                  | <b>3,845,629</b> | <b>2,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>8,845,629</b> |

  

| Funding Sources          | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| General Obligation Bonds | 2,000,000        | 2,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 7,000,000        |
| <b>Total</b>             | <b>2,000,000</b> | <b>2,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>7,000,000</b> |

|                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------|
| Budget Impact/Other                                                                                                     |
| Upon implementation of new software, ongoing annual maintenance and service fees will shift to the IT operating budget. |

|              |                                      |
|--------------|--------------------------------------|
| Project #    | MS003 C051CM                         |
| Project Name | Neighborhood Development Corporation |
| Ward         | All                                  |
| UR Area      |                                      |
| Grantee      |                                      |

Department Miscellaneous  
 Contact Neighborhood Services Directo  
 Type Ongoing  
 Useful Life  
 Category Other

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Total Project Cost: \$5,000,000 |
| On August 17, 1998, by Roll Call No. 98-2610, the City Council approved a proposal to create a Neighborhood Development Corporation. The purpose was to utilize financing to create more housing units and to acquire residential and commercial property for redevelopment to assist in the creation of small businesses and employment opportunities in the neighborhoods. During the coming year, staff will review possible funding options to reduce the need to borrow funds. The current Agreement with the NDC expires 12/31/2024. |                                 |

|                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------|
| Justification                                                                                                       |
| The mission of the NDC is instrumental in helping the City Council to meet goals of PlanDSM and the Strategic Plan. |

| Expenditures  | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Contributions | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 5,000,000        |
| <b>Total</b>  | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>5,000,000</b> |

  

| Funding Sources          | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| General Obligation Bonds | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 5,000,000        |
| <b>Total</b>             | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>5,000,000</b> |

|                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------|
| Budget Impact/Other                                                                                                                |
| Over the long-term, significant valuations will be added to the City's tax base generating additional budget property tax revenue. |

Project # MS004 C051CM  
 Project Name Neighborhood Finance Corporation

Department Miscellaneous  
 Contact Neighborhood Services Directo  
 Type Ongoing  
 Useful Life  
 Category Other

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$5,000,000  
 On November 5, 1990, the City of Des Moines, Polk County and the Neighborhood Finance Corporation (NFC) entered into an agreement, pursuant to the provisions of Chapter 28E Code of Iowa, for various housing services. The mission of the NFC is to provide unique lending programs and related services to help revitalize targeted neighborhoods in Des Moines through partnerships with residents, government bodies, community-based organizations and the business community. The current Agreement with the NFC expires 6/30/2022.

**Justification**  
 The mission of the NFC is instrumental in assisting in meeting the City Council adopted Goal Statement for Neighborhood Commercial Revitalization by providing affordable housing in targeted neighborhoods that will assist in the sustaining the vitality of neighborhoods.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Contributions            | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 5,000,000        |
| <b>Total</b>             | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>5,000,000</b> |
| Funding Sources          | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
| General Obligation Bonds | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 5,000,000        |
| <b>Total</b>             | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>5,000,000</b> |

**Budget Impact/Other**  
 Over the long-term, significant valuations will be added to the City's tax base generating additional budget property tax revenue.

Project # MS007 C051PW  
 Project Name City Tree Replacement Fund (CTRF)

Department Miscellaneous  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Other

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$1,206,036

This project provides for the replacement of trees when they are unavoidably removed on public construction projects, and when sufficient trees cannot be installed back onto the project area, as part of the project. Impediments to tree replacement may be site limitations, interference with or by new infrastructure, or planting restrictions placed upon a project by Federal or State construction funding sources. Trees removed require the application of a mitigation formula so that \$400 per mitigation tree is deposited into the City Tree Replacement Fund (CTRF). Funding is provided by G.O. Bonds in the amount of \$100,000 (\$50,000 of which was additional funding to replace ash trees lost to EAB), plus transfers from the enterprise funds and WRA, as calculated by the mitigation formula for work performed the previous fiscal year.

**Justification**

In order to provide an effective and efficient mitigation for trees that must be removed by Public Improvements and Utilities, on September 14th, 2009, Roll Call 09-1682, the City Council adopted Tree Preservation Principles for City Property, Public Improvement Projects and Utilities policy. On September 13, 2010, Roll Call 10-1508 supplemented this policy to require mitigation without regard to species.

| Expenditures             | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Other                    | 306,036        | 225,000        | 225,000        | 225,000        | 225,000        | 1,206,036        |
| <b>Total</b>             | <b>306,036</b> | <b>225,000</b> | <b>225,000</b> | <b>225,000</b> | <b>225,000</b> | <b>1,206,036</b> |
| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
| General Obligation Bonds | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 500,000          |
| Other                    | 25,000         | 25,000         | 25,000         | 25,000         | 25,000         | 125,000          |
| Sanitary Sewer Fund      | 50,000         | 50,000         | 50,000         | 50,000         | 50,000         | 250,000          |
| Storm Water Utility Fund | 50,000         | 50,000         | 50,000         | 50,000         | 50,000         | 250,000          |
| <b>Total</b>             | <b>225,000</b> | <b>225,000</b> | <b>225,000</b> | <b>225,000</b> | <b>225,000</b> | <b>1,125,000</b> |

**Budget Impact/Other**

The long-term effect of this project on the various operating budgets will be negligible.

Project # MS010 C051CM  
 Project Name Public Art

Department Miscellaneous  
 Contact Finance Director  
 Type Ongoing  
 Useful Life 20 years  
 Category Other

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$900,000  
 This project provides for an annual contribution to the Greater Des Moines Public Art Foundation (GDMPAF). The GDMPAF is responsible for advancing and administering the affairs and activities of the community’s public art program and serves as an advisory body to the Des Moines City Council. It is also provides a process for the public to more easily support the acquisition of public works of art.

**Justification**  
 These funds have been used to help fund local projects such the Pappajohn Sculpture Garden, Principal Riverwalk, East Village, and various murals in neighborhoods across the city.

| Expenditures  | 2022           | 2023           | 2024           | 2025           | 2026           | Total          |
|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Contributions | 100,000        | 200,000        | 200,000        | 200,000        | 200,000        | 900,000        |
| <b>Total</b>  | <b>100,000</b> | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> | <b>900,000</b> |

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total          |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| General Obligation Bonds | 100,000        | 200,000        | 200,000        | 200,000        | 200,000        | 900,000        |
| <b>Total</b>             | <b>100,000</b> | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> | <b>900,000</b> |

**Budget Impact/Other**  
 This project is not anticipated to have any affect on any of the City's operating budgets.

Project # MS012 C051PW  
 Project Name Emerald Ash Borer Response Plan

Department Miscellaneous  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Other

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$4,581,442

The Emerald Ash Borer (EAB) insect has the capacity to kill all ash trees. Des Moines has approximately 13,000 high impact ash trees in areas along streets, trails, parks, parking lots, and buildings that could directly affect people and vehicles. EAB will kill every ash tree that is not chemically treated. The city has identified trees with good health and structure, without major defects, and growing outside of utility easement, for treatment. The treatment will extend the removal timeline to assist in budgeting. The EAB Response Plan will further prioritize felling or removal of the remaining high impact trees according to need based upon structural defects such as cavities, decay, cracks, and damaged root systems. FY2022 will be the eighth year of a ten year EAB Management Plan.

**Justification**

The volume of work required to treat and remove infected ash trees is beyond the capacity of the Public Works and Parks and Recreation Departments. Chemical treatment of selected high impact ash trees will be performed by licensed applicators. The remaining untreated high impact ash trees will be handled by felling or removal. Beyond year three, evaluation will be provided to assess whether treated trees will be continually treated for preservation or whether some or all of them will be removed. In addition to the high impact trees addressed in years 1-7 of the EAB Response Plan, there are additional ash trees on forested lands belonging to the park system that will be left to die and fall on their own.

| Expenditures | 2022             | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------|------------------|----------------|----------------|----------------|----------------|------------------|
| Other        | 1,581,442        | 750,000        | 750,000        | 750,000        | 750,000        | 4,581,442        |
| <b>Total</b> | <b>1,581,442</b> | <b>750,000</b> | <b>750,000</b> | <b>750,000</b> | <b>750,000</b> | <b>4,581,442</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| General Obligation Bonds | 600,000        | 600,000        | 600,000        | 600,000        | 600,000        | 3,000,000        |
| Storm Water Utility Fund | 150,000        | 150,000        | 150,000        | 150,000        | 150,000        | 750,000          |
| <b>Total</b>             | <b>750,000</b> | <b>750,000</b> | <b>750,000</b> | <b>750,000</b> | <b>750,000</b> | <b>3,750,000</b> |

**Budget Impact/Other**

This project is not anticipated to have any significant effect on the City's Operating Budget. Proactive forest management reduces the possible future need for emergency callouts to remove standing dead ash trees that are a threat to people and property.

Project # MS014 C051CD  
 Project Name Vacant Residential Property Redevelopment

Department Miscellaneous  
 Contact Neighborhood Services Directo  
 Type Ongoing  
 Useful Life 20 years  
 Category Other

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$700,795  
 The City of Des Moines has a significant number of vacant and blighted residential properties. The Vacant/Abandoned Residential Property Redevelopment program provides \$100,000 annually for the acquisition, demolition, or rehabilitation of abandoned or blighted properties in the City as well as costs associated with any necessary short-term holding of property.

**Justification**  
 According to the Census, there are approximately 2,100 vacant residential housing units in the City of Des Moines. Many of these properties are in danger of becoming a blight and have a negative impact on the quality of our neighborhoods. Currently there are approximately 200 public nuisance structures in the City of Des Moines and nearly 5,300 in subnormal (or blighted) condition. This program will leverage existing staff and federal funds to reduce the number of blighted residential properties in the City.

| Expenditures     | 2022           | 2023           | 2024           | 2025           | 2026           | Total          |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Land Acquisition | 300,795        | 100,000        | 100,000        | 100,000        | 100,000        | 700,795        |
| <b>Total</b>     | <b>300,795</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>700,795</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total          |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| General Obligation Bonds | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 500,000        |
| <b>Total</b>             | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>500,000</b> |

**Budget Impact/Other**  
 This program will not have an impact on the operating budget.

Project # MS017 C051IT  
 Project Name Permitting and Licensing Management Software

Department Miscellaneous  
 Contact IT Director  
 Type Multi-Phase  
 Useful Life 10 years  
 Category Information Technology

Ward  
 UR Area  
 Grantee

**Description**

Total Project Cost: \$568,017

This project provides funding for the replacement of Tidemark, the City's current Land Management Software (LMS) used to manage land development, construction permitting and inspections, sign permits, tax abatement, business & pet licenses, street use events, rental property certification and inspection, code enforcement & legal actions, neighborhood conservation programs, and Zoning Board of Adjustment actions by the City Clerk's Office, Community Development Department, Fire Department, Traffic & Transportation Division, and City Manager's Office. Project costs include software, hardware, data conversion, project management and implementation services, training, and contracted personnel for implementation support. The Tidemark software currently used to manage these processes is outdated and no longer supported by its provider. The replacement system is expected to provide additional functionality, more efficiency, and increased transparency. Such improvements will improve workflows and the customer experience for Des Moines residents, helping meet the High Performing Organization goal of GuideDSM.

**Justification**

The City's current system, Tidemark, is no longer supported by its provider, Accela Inc.

| Expenditures    | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|-----------------|----------------|------|------|------|------|----------------|
| Planning/Design | 225,000        |      |      |      |      | 225,000        |
| Other           | 343,017        |      |      |      |      | 343,017        |
| <b>Total</b>    | <b>568,017</b> |      |      |      |      | <b>568,017</b> |

**Budget Impact/Other**

This project has not changed substantially from last year's plan.. Funding for the two employees that were hired to aid in implementation has shifted to the General Fund upon the conclusion of the project in early FY 22.

Project # MS018 C051PD  
 Project Name Public Safety Communications System Replacement

Department Miscellaneous  
 Contact Police Chief  
 Type One Phase  
 Useful Life 25 years  
 Category Other

Ward All  
 UR Area  
 Grantee

**Description**

Total Project Cost: \$835,474

This project will upgrade the City's 1970s built analog public safety radio systems to a digital system which is the current industry standard. The tower, core, microwave, updated dispatch equipment, and new radios were purchased in FY 2020. There are a few smaller purchases remaining for FY 2021 to conclude the project. The new radio system went live for Des Moines in the Fall of 2020. The project includes purchasing replacement radios for all city departments including Police, Fire, Public Works, and Parks.

**Justification**

A P25 standard digital radio system will result in improved outdoor and inbuilding radio coverage; improved capacity to ensure an appropriate number of radio channels during emergency situations; improved system resiliency and redundancy to minimize or eliminate single points of failure; Improved interoperability with surrounding agencies/counties, including the new P25 Iowa statewide Interoperability Communications System (ISICS); and encryption for selected users to promote user safety, and protect confidential communications from unwanted monitoring and use of sensitive information.

| Expenditures             | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|------|------|------|------|----------------|
| Construction/Maintenance | 835,474        |      |      |      |      | 835,474        |
| <b>Total</b>             | <b>835,474</b> |      |      |      |      | <b>835,474</b> |

**Budget Impact/Other**

Additional maintenance agreements, increased lease costs, and routine repair and replacement will be funded through the Radio Maintenance and Repair Internal Service Fund within the Police Department. All city users of the radio system contribute to these costs.

Project # MS019 C051PK  
 Project Name Ruan Connector

Department Miscellaneous  
 Contact Parks and Recreation Director  
 Type One Phase  
 Useful Life 50 years  
 Category Park & Trail Improvements

Ward  
 UR Area  
 Grantee

**Description**

Total Project Cost: \$1,080,000

This project consists of a new pedestrian underpass under Fleur Drive approximately 500 feet north of George Flagg Parkway. This project will connect Gray's Lake Park to Des Moines Water Works Park. The underpass will provide a connection to amenities operated by Des Moines Water Works Park Foundation.

**Justification**

This project provides a safe pedestrian connection between Gray's Lake Park and Des Moines Waterworks Park.

| Expenditures                       | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|------------------------------------|------------------|------|------|------|------|------------------|
| Construction/Maintenance           | 1,080,000        |      |      |      |      | 1,080,000        |
| <b>Total</b>                       | <b>1,080,000</b> |      |      |      |      | <b>1,080,000</b> |
| Funding Sources                    | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
| Local Option Sales and Service Tax | 540,000          |      |      |      |      | 540,000          |
| Private                            | 540,000          |      |      |      |      | 540,000          |
| <b>Total</b>                       | <b>1,080,000</b> |      |      |      |      | <b>1,080,000</b> |

**Budget Impact/Other**

This project is expected to be completed in FY 22 with revised matching contributions from the Des Moines Water Works Park Foundation.

Project # MS021 C051PD  
 Project Name Records Management System

Department Miscellaneous  
 Contact Police Chief  
 Type One Phase  
 Useful Life 10 years  
 Category Information Technology

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$635,000

This project is to replace the Police Department's Record Management System (RMS). This is a joint project with the Polk County Sheriff's Office. Per the existing 28E Agreement, Polk County will share 33% of the RMS system costs. RMS is vital to Police operations as the system will supply important information about individuals, addresses, case numbers, criminal records, etc. The RMS system also interfaces with the Computer Aided Dispatch System which is used for communication between the dispatch center and officer's vehicles and radios. In September 2020, Police selected Tyler Public Safety Solutions as the RMS vendor. Full implementation is expected in calendar 2022.

**Justification**

The existing RMS is needing to be replaced due to a series of factors. The first factor is the software that the system is written will no longer be supported and the existing vendor has stopped developing for this platform. The vendor is continuing to support the product at this time.

| Expenditures             | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|------|------|------|------|----------------|
| Construction/Maintenance | 635,000        |      |      |      |      | 635,000        |
| <b>Total</b>             | <b>635,000</b> |      |      |      |      | <b>635,000</b> |
| Funding Sources          | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
| County                   | 210,000        |      |      |      |      | 210,000        |
| <b>Total</b>             | <b>210,000</b> |      |      |      |      | <b>210,000</b> |

**Budget Impact/Other**

Annual maintenance costs will be added to the operating budget of the Police Department. Polk County will pay for 33% of maintenance costs going forward beginning in FY 23.

Project # MS022 C051EG  
 Project Name Land Acquisition

Department Miscellaneous  
 Contact City Engineer  
 Type Ongoing  
 Useful Life  
 Category Other

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$2,590,216  
 This project provides funding for land acquisition opportunities throughout the City, so desirable properties can be acquired as they become available. The use of the acquired properties will vary and may be resold, developed, etc. It may afford the City an opportunity to abate a nuisance more easily than other methods that are available.

**Justification**  
 Desirable properties often become available without any available funding.

| Expenditures     | 2022             | 2023           | 2024           | 2025 | 2026 | Total            |
|------------------|------------------|----------------|----------------|------|------|------------------|
| Land Acquisition | 2,186,216        | 127,000        | 127,000        |      |      | 2,440,216        |
| Transfers Out    | 150,000          |                |                |      |      | 150,000          |
| <b>Total</b>     | <b>2,336,216</b> | <b>127,000</b> | <b>127,000</b> |      |      | <b>2,590,216</b> |

  

| Funding Sources | 2022           | 2023           | 2024           | 2025 | 2026 | Total          |
|-----------------|----------------|----------------|----------------|------|------|----------------|
| General Fund    | 350,000        | 127,000        | 127,000        |      |      | 604,000        |
| <b>Total</b>    | <b>350,000</b> | <b>127,000</b> | <b>127,000</b> |      |      | <b>604,000</b> |

**Budget Impact/Other**  
 This project is not expected to have a significant impact on the operating budget.

Project # MS023 C051CM  
 Project Name Dico Site Improvements

Department Miscellaneous  
 Contact City Engineer  
 Type One Phase  
 Useful Life 25 years  
 Category Other

Ward 2

UR Area Metro Center

Grantee

**Description**

Total Project Cost: \$2,420,641

City Council approved the city entering into a consent decree with EPA, DOJ and Dico/Titan on 9/14/2020, RC 20-1490. This made the city responsible for the property once owned by Dico. EPA will demo three buildings, remediate the south pond, and replace the groundwater system. The demo of the production building is necessary to place a new extraction well. Depending on EPA's schedule, the demo may need to occur prior to July 1, 2021.

The City is responsible for various tasks including operating and maintenance of the existing groundwater treatment system including sampling and reporting. The city anticipates costs for consultant services to prepare plans and documents required by EPA, security, stormwater charges, electrical service, air stripping tower maintenance, water sampling and analysis, asphalt cap repairs, fence repair, snow removal, mowing, and other property fees.

**Justification**

The Dico property has continue to deteriorate over the last thirty years. Many attempts have be made to remediate this property in the past. The agreement with EPA, DOJ, and Titan Tire allows for clean-up and potential public/private uses in the future.

| Expenditures             | 2022             | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|------------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 1,420,641        | 250,000        | 250,000        | 250,000        | 250,000        | 2,420,641        |
| <b>Total</b>             | <b>1,420,641</b> | <b>250,000</b> | <b>250,000</b> | <b>250,000</b> | <b>250,000</b> | <b>2,420,641</b> |

  

| Funding Sources | 2022          | 2023           | 2024           | 2025           | 2026           | Total            |
|-----------------|---------------|----------------|----------------|----------------|----------------|------------------|
| Other           | 15,944        |                |                |                |                | 15,944           |
| Transfers In    |               | 300,000        | 250,000        | 250,000        | 250,000        | 1,050,000        |
| <b>Total</b>    | <b>15,944</b> | <b>300,000</b> | <b>250,000</b> | <b>250,000</b> | <b>250,000</b> | <b>1,065,944</b> |

**Budget Impact/Other**

The City will also operate and maintain the new system to be installed by the EPA. Costs if any beyond FY 24 have not been determined.

Project # MS024 C051CD  
 Project Name SE AG Land Acquisition

Department Miscellaneous  
 Contact Development Services Director  
 Type Multi-Phase  
 Useful Life 50 years  
 Category Other

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$3,250,000  
 This funding allows for the strategic, voluntary acquisition of privately-owned properties to assemble with other city land holdings for the purposes of creating conducive industrial development sites. The land targeted for acquisition will take advantage of proximity to the new SE Connector Roadway project that will open up access to vacant and underutilized sites in the southeast quadrant of the city. Properties targeted for voluntary acquisition are included in the map below.

**Justification**  
 Having assembled industrial development sites under common land ownership is crucial to attract new employers to the City of Des Moines. Upon development, these efforts will eventually contribute to increasing the city's tax base, bringing job growth, and potentially spurring other redevelopment to the area.

| Expenditures     | 2022           | 2023           | 2024           | 2025           | 2026 | Total            |
|------------------|----------------|----------------|----------------|----------------|------|------------------|
| Land Acquisition | 750,000        | 875,000        | 875,000        | 750,000        |      | 3,250,000        |
| <b>Total</b>     | <b>750,000</b> | <b>875,000</b> | <b>875,000</b> | <b>750,000</b> |      | <b>3,250,000</b> |
| Funding Sources  | 2022           | 2023           | 2024           | 2025           | 2026 | Total            |
| Transfers In     | 750,000        | 875,000        | 875,000        | 750,000        |      | 3,250,000        |
| <b>Total</b>     | <b>750,000</b> | <b>875,000</b> | <b>875,000</b> | <b>750,000</b> |      | <b>3,250,000</b> |

**Budget Impact/Other**  
 Minor site maintenance costs may be necessary to remove vegetation and general clean up of properties while being marketed for industrial redevelopment purposes.

Project # MS025 C051CM  
 Project Name Central Iowa Water Trails Contributions

Department Miscellaneous  
 Contact Finance Director  
 Type Multi-Phase  
 Useful Life 25 years  
 Category Other

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$6,000,000  
 The City of Des Moines has agreed to make annual contributions to the Metropolitan Planning Organization (MPO) who is managing the design and construction of the multi-phased project. The Central Iowa Water Trails project will connect more than 150 miles of water trails and 86 access sites throughout the region with many in Des Moines.

**Justification**  
 The MPO has received a \$25 million grant from the Better Utilizing Investments to Leverage Development, or BUILD, grant program through the U.S. Department of Transportation. The MPO will be leading the governance, fundraising, and project management of the Water Trail program.

| Expenditures             | 2022           | 2023           | 2024             | 2025             | 2026             | Total            |
|--------------------------|----------------|----------------|------------------|------------------|------------------|------------------|
| Contributions            | 250,000        | 750,000        | 1,500,000        | 1,750,000        | 1,750,000        | 6,000,000        |
| <b>Total</b>             | <b>250,000</b> | <b>750,000</b> | <b>1,500,000</b> | <b>1,750,000</b> | <b>1,750,000</b> | <b>6,000,000</b> |
| Funding Sources          | 2022           | 2023           | 2024             | 2025             | 2026             | Total            |
| General Fund             | 250,000        |                |                  |                  |                  | 250,000          |
| General Obligation Bonds |                | 750,000        | 1,500,000        | 1,750,000        | 1,750,000        | 5,750,000        |
| <b>Total</b>             | <b>250,000</b> | <b>750,000</b> | <b>1,500,000</b> | <b>1,750,000</b> | <b>1,750,000</b> | <b>6,000,000</b> |

**Budget Impact/Other**  
 This project only captures the contribution costs from the City to the MPO. Additional future city obligations would be funded through the General Fund or another project.

Project # MS026 C040PK  
 Project Name Regional Feature Projects

Department Miscellaneous  
 Contact City Engineer  
 Type Multi-Phase  
 Useful Life 25 years  
 Category Other

Ward 1, 2, 4

UR Area

Grantee

**Description**

Total Project Cost: \$5,210,000

This project provides for the supplementation of funds for regional feature projects. It is designed to provide funding for increased scope of special projects, unplanned expenses, or enhancements to ongoing projects at the city's request.

**Justification**

Several projects such as Central Iowa Water Trails are funded through city contributions to projects. This provides additional funds for this and/or other projects at the City's discretion.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Planning/Design          | 1,210,000        |                  |                  | 1,000,000        |                  | 2,210,000        |
| Construction/Maintenance |                  | 1,000,000        | 1,000,000        |                  | 1,000,000        | 3,000,000        |
| <b>Total</b>             | <b>1,210,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>5,210,000</b> |

  

| Funding Sources                    | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| General Obligation Bonds           | 200,000          |                  |                  |                  |                  | 200,000          |
| Local Option Sales and Service Tax | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 5,000,000        |
| <b>Total</b>                       | <b>1,200,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>5,200,000</b> |

**Budget Impact/Other**

Budget Impact will depend on how funds are used.

Project # BL044 C034PK  
 Project Name Municipal Building Reroofing

Department Municipal Building  
 Contact Facilities Manager  
 Type Ongoing  
 Useful Life 20 years  
 Category Building Improvements

Ward All

UR Area

Grantee

**Description**

Total Project Cost: \$2,627,550

This project provides for preventive maintenance and emergency repairs of all City building roofs.

**Justification**

Funding needs to be available for major planned and emergency repairs/replacements of the roofs on City owned facilities.

| Expenditures             | 2022          | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|---------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 77,550        | 700,000        | 350,000        | 800,000        | 700,000        | 2,627,550        |
| <b>Total</b>             | <b>77,550</b> | <b>700,000</b> | <b>350,000</b> | <b>800,000</b> | <b>700,000</b> | <b>2,627,550</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| General Obligation Bonds | 280,000        | 350,000        | 350,000        | 800,000        | 700,000        | 2,480,000        |
| <b>Total</b>             | <b>280,000</b> | <b>350,000</b> | <b>350,000</b> | <b>800,000</b> | <b>700,000</b> | <b>2,480,000</b> |

**Budget Impact/Other**

This project should have a minimal impact on the operating various non-enterprise departments covered by this project though some savings for reduced heating costs could be expected.

Project # **BL062 C034PD**  
 Project Name **Police Building Improvements**

Department **Municipal Building**  
 Contact **Police Chief**  
 Type **Ongoing**  
 Useful Life **20 years**  
 Category **Building Improvements**

Ward **All** UR Area  
 Grantee

**Description**

Total Project Cost: \$2,386,392

This project provides for the improvements at Police Department occupied facilities. The Department strives to find a balance between basic maintenance needs while providing a modern and safe environment for employees and guests. Funding provides for minor improvements to outdated work areas and ongoing facility maintenance.

**Justification**

The Police main building, with a value of over \$13 million, houses 24/7 public safety operations which results in continuous wear on the facility. This project provides funds to keep the building safe, efficient, and in good working order.

| Expenditures             | 2022             | 2023           | 2024           | 2025          | 2026          | Total            |
|--------------------------|------------------|----------------|----------------|---------------|---------------|------------------|
| Construction/Maintenance | 1,386,392        | 475,000        | 375,000        | 75,000        | 75,000        | 2,386,392        |
| <b>Total</b>             | <b>1,386,392</b> | <b>475,000</b> | <b>375,000</b> | <b>75,000</b> | <b>75,000</b> | <b>2,386,392</b> |

| Funding Sources          | 2022             | 2023           | 2024          | 2025          | 2026          | Total            |
|--------------------------|------------------|----------------|---------------|---------------|---------------|------------------|
| General Obligation Bonds | 1,085,000        | 375,000        | 75,000        | 75,000        | 75,000        | 1,685,000        |
| <b>Total</b>             | <b>1,085,000</b> | <b>375,000</b> | <b>75,000</b> | <b>75,000</b> | <b>75,000</b> | <b>1,685,000</b> |

**Budget Impact/Other**

This project is not anticipated to have a significant impact on any of the operating budgets of the Police Department.

Project # **BL063 C034PK**  
 Project Name **Fire Building Improvements**

Department **Municipal Building**  
 Contact **Fire Chief**  
 Type **Multi-Phase**  
 Useful Life **50 years**  
 Category **Building Improvements**

Ward **All** UR Area  
 Grantee **Various**

**Description** Total Project Cost: \$12,458,852  
 This project provides for the improvements at Fire Department occupied facilities. The Department strives to find a balance between basic maintenance needs while providing a modern and safe environment for employees and guests. Funding provides major upgrades of current facilities, construction of new facilities, and minor improvements to outdated work areas and ongoing facility maintenance. Funding for all projects will come from GEMT (Ground Emergency Medical Transportation) dollars.

**Justification**  
 Timely investment in facilities will help to: extend the useful life of the buildings (which have an insured value of over \$41 million), minimize energy and maintenance costs, improve efficiency, and provide an improved working environment.

| Expenditures                            | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|-----------------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Construction/Maintenance                | 273,852          | 230,000          | 200,000          | 200,000          | 200,000          | 1,103,852         |
| Transfers Out                           | 475,000          | 585,000          | 5,990,000        | 3,590,000        | 715,000          | 11,355,000        |
| <b>Total</b>                            | <b>748,852</b>   | <b>815,000</b>   | <b>6,190,000</b> | <b>3,790,000</b> | <b>915,000</b>   | <b>12,458,852</b> |
| Funding Sources                         | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
| General Obligation Bonds                |                  | 585,000          |                  |                  |                  | 585,000           |
| Ground Emergency Medical Transportation | 4,700,000        | 2,415,000        | 3,000,000        | 3,000,000        | 3,000,000        | 16,115,000        |
| Transfers In                            | 1,109,907        |                  |                  |                  |                  | 1,109,907         |
| <b>Total</b>                            | <b>5,809,907</b> | <b>3,000,000</b> | <b>3,000,000</b> | <b>3,000,000</b> | <b>3,000,000</b> | <b>17,809,907</b> |

**Budget Impact/Other**  
 This project should have a minimal impact on the operating department (G001 - FD100000 - Maintenance and Repair) though energy efficiency improvements should provide some reduction in utility bills.  
 Transfers In  
 FY22: \$480,000 FR041 NE Fire Station; \$629,907 FR016 Fire Station Remodeling

Project # **BL074 C034PK**  
 Project Name **HVAC, Electrical, and Plumbing Improvements**  
 Ward All UR Area  
 Grantee

Department Municipal Building  
 Contact Facilities Manager  
 Type Ongoing  
 Useful Life 20 years  
 Category Building Improvements

**Description** Total Project Cost: \$1,880,071  
 This project provides for maintenance upgrades to the HVAC, electrical, and plumbing systems in the City's aging municipal buildings. Upcoming projects include HVAC improvements at Pioneer Columbus Community Recreation Center and fire station water heater replacements.

**Justification**  
 Funding needs to be available for major planned and emergency repairs and replacements of the HVAC, electrical, and plumbing systems in the City's buildings.

| Expenditures             | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 415,493        | 389,578        | 575,000        | 250,000        | 250,000        | 1,880,071        |
| <b>Total</b>             | <b>415,493</b> | <b>389,578</b> | <b>575,000</b> | <b>250,000</b> | <b>250,000</b> | <b>1,880,071</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| General Obligation Bonds | 375,000        | 300,000        | 575,000        | 250,000        | 250,000        | 1,750,000        |
| Transfers In             |                | 89,578         |                |                |                | 89,578           |
| <b>Total</b>             | <b>375,000</b> | <b>389,578</b> | <b>575,000</b> | <b>250,000</b> | <b>250,000</b> | <b>1,839,578</b> |

**Budget Impact/Other**  
 As outdated equipment is replaced with new, more efficient equipment the City will realize savings through lower utility usage and fewer repairs.  
 Transfers In  
 FY23: \$89,578 BL108 Public Works Building Improvements

Project # **BL085 C034PK**  
 Project Name **Municipal Building Improvements**  
 Ward All UR Area  
 Grantee

Department Municipal Building  
 Contact Facilities Manager  
 Type Ongoing  
 Useful Life 20 years  
 Category Building Improvements

**Description** Total Project Cost: \$3,260,739  
 This project provides for remodeling of various areas, and the on-going repair/restoration of the City Hall, Police Stations, and other buildings, which includes the reconfiguration of office space.

**Justification**  
 Funding needs to be available for major planned and emergency repairs and improvements for City owned facilities. This may include major office reorganizations, new partitions, carpeting, etc.

| Expenditures             | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 860,739        | 600,000        | 600,000        | 600,000        | 600,000        | 3,260,739        |
| <b>Total</b>             | <b>860,739</b> | <b>600,000</b> | <b>600,000</b> | <b>600,000</b> | <b>600,000</b> | <b>3,260,739</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| General Obligation Bonds | 400,000        | 600,000        | 600,000        | 600,000        | 600,000        | 2,800,000        |
| <b>Total</b>             | <b>400,000</b> | <b>600,000</b> | <b>600,000</b> | <b>600,000</b> | <b>600,000</b> | <b>2,800,000</b> |

**Budget Impact/Other**  
 The repairs and upgrades provided by this project vary annually making it difficult to quantify the operational savings; however, long-term savings will be realized as improvements are made that maximize efficiencies within municipal buildings.

Project # **BL095 C034PK**  
 Project Name **Police Academy Improvements**

Department **Municipal Building**  
 Contact **Facilities Manager**  
 Type **Ongoing**  
 Useful Life **25 years**  
 Category **Building Improvements**

Ward **All** UR Area  
 Grantee

**Description** Total Project Cost: \$900,000  
 The project provides funding for a substantial remodel or expansion of the Police Academy. Funding in future years will allow for new classrooms, more collaborative training areas, workout facility, locker rooms, and overall functionality.

**Justification**  
 The Police Academy has growing needs due to heavy use, age, and changes in Police instructional and training techniques. The future of this facility is tied to the replacement police station which is not included in the plan years.

| Expenditures             | 2022 | 2023 | 2024          | 2025           | 2026 | Total          |
|--------------------------|------|------|---------------|----------------|------|----------------|
| Planning/Design          |      |      | 50,000        |                |      | 50,000         |
| Construction/Maintenance |      |      |               | 850,000        |      | 850,000        |
| <b>Total</b>             |      |      | <b>50,000</b> | <b>850,000</b> |      | <b>900,000</b> |

  

| Funding Sources          | 2022 | 2023 | 2024          | 2025           | 2026 | Total          |
|--------------------------|------|------|---------------|----------------|------|----------------|
| General Obligation Bonds |      |      | 50,000        | 850,000        |      | 900,000        |
| <b>Total</b>             |      |      | <b>50,000</b> | <b>850,000</b> |      | <b>900,000</b> |

**Budget Impact/Other**  
 The direct impact of this project on the operating budget cannot be determined at this time.

Project # **BL108 C034PK**  
 Project Name **Public Works Building Improvements**

Department **Municipal Building**  
 Contact **Facilities Manager**  
 Type **Ongoing**  
 Useful Life **20 years**  
 Category **Building Improvements**

Ward **All** UR Area  
 Grantee

**Description** Total Project Cost: \$193,890  
 This project provides for minor improvements to various Public Works Department buildings. While significant improvements are needed, the MSC - Phase2 project is expected to be completed during calendar year 2022. Any funding here will only be used to keep the existing facilities operational until MSC Phase 2 is ready for use.

**Justification**  
 The Public Works facilities have a growing number of needs, and the facilities are heavily used and very old. Until the second phase of the Municipal Service Center is completed, and the Public Works operations are relocated, funding is needed in this project to keep these facilities operational.

| Expenditures             | 2022           | 2023          | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|---------------|------|------|------|----------------|
| Construction/Maintenance | 104,312        |               |      |      |      | 104,312        |
| Transfers Out            |                | 89,578        |      |      |      | 89,578         |
| <b>Total</b>             | <b>104,312</b> | <b>89,578</b> |      |      |      | <b>193,890</b> |

  

| Funding Sources          | 2022          | 2023 | 2024 | 2025 | 2026 | Total         |
|--------------------------|---------------|------|------|------|------|---------------|
| General Obligation Bonds | 50,000        |      |      |      |      | 50,000        |
| <b>Total</b>             | <b>50,000</b> |      |      |      |      | <b>50,000</b> |

**Budget Impact/Other**  
 The repairs and upgrades provided by this project vary annually making it difficult to quantify the operational savings; however, long-term savings will be realized as improvements are made that maximize efficiencies within municipal buildings.

Project # **BL110 C034PK**  
 Project Name **Energy Conservation**

Department **Municipal Building**  
 Contact **Facilities Manager**  
 Type **Ongoing**  
 Useful Life **20 years**  
 Category **Building Improvements**

Ward **All** UR Area  
 Grantee

**Description**

Total Project Cost: \$447,082

Funding for this project is used for completing energy efficiency studies in the City of Des Moines buildings and other similar city facilities, and to purchase and install replacement energy efficient equipment. Upcoming improvements include lighting upgrades at a number of buildings.

**Justification**

Methods and equipment for reducing the cost of providing energy to City buildings and related facilities should be pursued where the initial costs and on-going maintenance provide a return on the investment. The anticipated outcomes of these expenditures are lowered energy bills, longer lasting equipment, and fewer hours of labor to maintain, repair, or replace energy producing equipment.

| Expenditures             | 2022           | 2023          | 2024          | 2025          | 2026          | Total          |
|--------------------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Planning/Design          | 150,000        | 34,980        |               |               |               | 184,980        |
| Construction/Maintenance | 57,082         | 55,020        | 50,000        | 50,000        | 50,000        | 262,102        |
| <b>Total</b>             | <b>207,082</b> | <b>90,000</b> | <b>50,000</b> | <b>50,000</b> | <b>50,000</b> | <b>447,082</b> |

  

| Funding Sources          | 2022          | 2023          | 2024          | 2025          | 2026          | Total          |
|--------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| General Obligation Bonds | 50,000        | 50,000        | 50,000        | 50,000        | 50,000        | 250,000        |
| Other                    | 28,009        |               |               |               |               | 28,009         |
| <b>Total</b>             | <b>78,009</b> | <b>50,000</b> | <b>50,000</b> | <b>50,000</b> | <b>50,000</b> | <b>278,009</b> |

**Budget Impact/Other**

There are some reimbursements or credits available to the City with the installation of energy saving equipment, and devices. Savings will also be realized from preventive repairs and lower energy requirements.

Project # **BL128 C034PK**  
 Project Name **Municipal Service Center - Phase 2**

Department **Municipal Building**  
 Contact **Facilities Manager**  
 Type **One Phase**  
 Useful Life **50 years**  
 Category **Building Improvements**

Ward **All** UR Area  
 Grantee

**Description** Total Project Cost: \$50,734,941  
 The Phase 2 of the Municipal Service Center is scheduled to be complete during fiscal year 2022 at a cost over \$60 million. Phase 2 will house Fleet Services, Radio Services, and Solid Waste. Phase 2B will house the General Road Use, Storm Water, and Sanitary Sewer operating divisions of the Public Works Department. Enterprise funds are contributing \$10 million for their share of the project based on their square foot of space and prorated cost of shared space.

**Justification**  
 Development pressures in the Market District necessitate the need to move City functions from the area in the near future. The City's current facilities are extremely worn and outdated. New, modern, efficient, well coordinated facilities should result in savings to the various operating budgets.

| Expenditures                  | 2022              | 2023 | 2024 | 2025 | 2026 | Total             |
|-------------------------------|-------------------|------|------|------|------|-------------------|
| Construction/Maintenance      | 46,234,941        |      |      |      |      | 46,234,941        |
| Equipment/Vehicles/Furnishing | 4,300,000         |      |      |      |      | 4,300,000         |
| Other                         | 200,000           |      |      |      |      | 200,000           |
| <b>Total</b>                  | <b>50,734,941</b> |      |      |      |      | <b>50,734,941</b> |

| Funding Sources          | 2022              | 2023 | 2024 | 2025 | 2026 | Total             |
|--------------------------|-------------------|------|------|------|------|-------------------|
| General Obligation Bonds | 20,799,000        |      |      |      |      | 20,799,000        |
| Sale of Land             | 6,000,000         |      |      |      |      | 6,000,000         |
| Sanitary Sewer Fund      | 1,000,000         |      |      |      |      | 1,000,000         |
| Storm Water Utility Fund | 1,000,000         |      |      |      |      | 1,000,000         |
| <b>Total</b>             | <b>28,799,000</b> |      |      |      |      | <b>28,799,000</b> |

**Budget Impact/Other**  
 At this stage of the project, it is too early to forecast the impact that these new facilities will have on the operating budget.

Project # **BL129 C034PK**  
 Project Name **Armory Improvements**

Department **Municipal Building**  
 Contact **Facilities Manager**  
 Type **Ongoing**  
 Useful Life **20 years**  
 Category **Building Improvements**

Ward **All** UR Area  
 Grantee

**Description** Total Project Cost: \$559,436  
 Funding in this project provides for improvements and repairs to keep the Armory building functional until the City Hall Annex project is ready - currently planned for opening in calendar year 2025. If the City Hall Annex project does not move forward, substantial improvements would be necessary as the windows and HVAC systems are well beyond their useful life.

**Justification**  
 Although the long term use of the Armory is uncertain, funding for improvements and repairs is necessary to keep the facility operational.

| Expenditures             | 2022           | 2023           | 2024           | 2025 | 2026 | Total          |
|--------------------------|----------------|----------------|----------------|------|------|----------------|
| Construction/Maintenance | 259,436        | 150,000        | 150,000        |      |      | 559,436        |
| <b>Total</b>             | <b>259,436</b> | <b>150,000</b> | <b>150,000</b> |      |      | <b>559,436</b> |
| Funding Sources          | 2022           | 2023           | 2024           | 2025 | 2026 | Total          |
| General Obligation Bonds | 150,000        | 150,000        | 150,000        |      |      | 450,000        |
| Transfers In             | 150,000        |                |                |      |      | 150,000        |
| <b>Total</b>             | <b>300,000</b> | <b>150,000</b> | <b>150,000</b> |      |      | <b>600,000</b> |

**Budget Impact/Other**  
 This project is not anticipated to have an impact on the operating budget.  
 Transfers In  
 FY22: \$150,000 MS022 Land Acquisition

Project # **BL130 C034PD**  
 Project Name **Animal Control Facility**

Department **Municipal Building**  
 Contact **Facilities Manager**  
 Type **One Phase**  
 Useful Life **25 years**  
 Category **Building Improvements**

Ward **All** UR Area  
 Grantee

**Description** Total Project Cost: \$12,461,792  
 This project provides funding for a replacement animal shelter located at 1125 SE 14th St. The proposed 17,000 square foot facility, built on a five acre site owned by the city, will incorporate modern animal shelter design and provide a safer environment for animals and staff. Preliminary schedule has construction bidding in late summer 2020 with occupancy in winter of 2021.

**Justification**  
 The current facility at 1615 SE 14th St. has reached the end of useful life and has been prone to flooding and other environmental issues. The existing site also poses significant challenges based on existing utilities and site geography. Substantial funding would be required to bring even the existing building shell up to minimal standards.

| Expenditures             | 2022             | 2023              | 2024           | 2025 | 2026 | Total             |
|--------------------------|------------------|-------------------|----------------|------|------|-------------------|
| Planning/Design          | 424,094          |                   |                |      |      | 424,094           |
| Construction/Maintenance | 728,122          | 10,370,845        | 938,731        |      |      | 12,037,698        |
| <b>Total</b>             | <b>1,152,216</b> | <b>10,370,845</b> | <b>938,731</b> |      |      | <b>12,461,792</b> |

| Funding Sources          | 2022             | 2023             | 2024             | 2025 | 2026 | Total            |
|--------------------------|------------------|------------------|------------------|------|------|------------------|
| General Obligation Bonds |                  | 2,500,000        | 500,000          |      |      | 3,000,000        |
| Other                    |                  |                  | 757,161          |      |      | 757,161          |
| Private                  | 275,000          |                  |                  |      |      | 275,000          |
| Road Use Tax Fund        | 500,000          |                  |                  |      |      | 500,000          |
| Transfers In             | 477,475          |                  |                  |      |      | 477,475          |
| <b>Total</b>             | <b>1,252,475</b> | <b>2,500,000</b> | <b>1,257,161</b> |      |      | <b>5,009,636</b> |

**Budget Impact/Other**  
 The City entered into a 10 year extension for animal shelter operations and animal control services with the Animal Rescue League of Iowa in September 2018.  
 Transfers In  
 FY22: \$477,475 ST276 Ingersoll Streetscape

Project # **BL131 C034PK**  
 Project Name **Public Works Salt Storage Facilities**

Department **Municipal Building**  
 Contact **Facilities Manager**  
 Type **One Phase**  
 Useful Life **20 years**  
 Category **Building Improvements**

Ward **All** UR Area  
 Grantee

**Description** Total Project Cost: \$477,475  
 This project proposes to construct a new salt storage building as an extension to the existing one at Public Works South Yard in Des Moines.

**Justification**  
 The City currently stores the additional salt required for operations at a remote location in Grimes. Other considerations for building a new facility are better salt pricing for deliveries to the South Yard location, fuel savings, and reduced staff, vehicle and equipment time related to double-handling.

| Expenditures  | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|---------------|----------------|------|------|------|------|----------------|
| Transfers Out | 477,475        |      |      |      |      | 477,475        |
| <b>Total</b>  | <b>477,475</b> |      |      |      |      | <b>477,475</b> |

**Budget Impact/Other**  
 Operational savings will be realized from efficiencies of having a facility closer at the South Yard - primarily staff and equipment time and fuel.

Project # **BL132 C034PK**  
 Project Name **Security Improvements**

Department **Municipal Building**  
 Contact **Facilities Manager**  
 Type **Ongoing**  
 Useful Life **20 years**  
 Category **Building Improvements**

Ward **All** UR Area  
 Grantee

**Description** Total Project Cost: \$543,397  
 This project provides for security updates in municipal buildings, including access control points, cameras, and smaller construction projects to improve overall security.

**Justification**  
 Security and safety of city staff and residents are a priority of the City. Security upgrades are required to bring buildings up to best practice recommendations.

| Expenditures             | 2022           | 2023           | 2024           | 2025           | 2026           | Total          |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Construction/Maintenance | 143,397        | 100,000        | 100,000        | 100,000        | 100,000        | 543,397        |
| <b>Total</b>             | <b>143,397</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>543,397</b> |

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total          |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| General Obligation Bonds | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 500,000        |
| <b>Total</b>             | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>500,000</b> |

**Budget Impact/Other**  
 Ongoing security improvements will be paid for out of the operating budget - the portion of those costs that will be directly related to these improvements is difficult to quantify.

Project # **BL133 C034PK**  
 Project Name **City Facility and Armory Replacement**  
 Ward **All** UR Area  
 Grantee

Department **Municipal Building**  
 Contact **Facilities Manager**  
 Type **One Phase**  
 Useful Life **50 years**  
 Category **Building Improvements**

**Description** Total Project Cost: \$36,550,000  
 This program provides funds for study and replacement of aged city facilities specifically the Argonne Armory Building located at 602 Robert D. Ray Drive which is no longer a functional space for city staff and residents.

**Justification**  
 The Armory, which houses Development Services, Information Technology, Legal Litigation, and Neighborhood Services departments, is in poor condition based on it's Facility Condition Index rating. There is not enough space to allow for any growth in these departments and the investment required to bring it up to modern office standards is too great. In April of 2018, the City contracted for an IT Audit and Feasibility study recommended that the IT Department be relocated from the Armory.

| Expenditures             | 2022           | 2023             | 2024              | 2025             | 2026 | Total             |
|--------------------------|----------------|------------------|-------------------|------------------|------|-------------------|
| Planning/Design          | 550,000        |                  |                   |                  |      | 550,000           |
| Construction/Maintenance |                | 9,000,000        | 20,000,000        | 7,000,000        |      | 36,000,000        |
| <b>Total</b>             | <b>550,000</b> | <b>9,000,000</b> | <b>20,000,000</b> | <b>7,000,000</b> |      | <b>36,550,000</b> |

  

| Funding Sources          | 2022           | 2023             | 2024              | 2025             | 2026 | Total             |
|--------------------------|----------------|------------------|-------------------|------------------|------|-------------------|
| General Obligation Bonds | 500,000        | 9,000,000        | 20,000,000        | 7,000,000        |      | 36,500,000        |
| <b>Total</b>             | <b>500,000</b> | <b>9,000,000</b> | <b>20,000,000</b> | <b>7,000,000</b> |      | <b>36,500,000</b> |

**Budget Impact/Other**  
 A new building will have operating expenses but it is expected that they will be similar to those at the Armory and that the City would divest itself of the Armory with the construction or rehabilitation of another facility.

Project # **BL134 C034PK**  
 Project Name **Greenhouse Relocation**

Department **Municipal Building**  
 Contact **Parks and Recreation Director**  
 Type **One Phase**  
 Useful Life **20 years**  
 Category **Park & Trail Improvements**

Ward **4** UR Area  
 Grantee

**Description** Total Project Cost: \$4,568,584  
 At the request of DART, the City will relocate the current greenhouse located at 2501 Maury Street. The relocation will involve building a new approximate 15,000 sq. ft. greenhouse and a headhouse with storage space, restroom and office.

**Justification**  
 The greenhouse grows over 300,000 plants including annuals, perennials and natives with the help of over 100 volunteers each year. Plants are provided to neighborhood groups, community recreation centers, recreation complexes, libraries, and Fleur Drive medians, all which have a positive effect on economic development.

| Expenditures                  | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
|-------------------------------|------------------|------------------|------|------|------|------------------|
| Planning/Design               | 550,000          |                  |      |      |      | 550,000          |
| Construction/Maintenance      | 2,468,584        | 1,515,000        |      |      |      | 3,983,584        |
| Equipment/Vehicles/Furnishing |                  | 25,000           |      |      |      | 25,000           |
| Other                         |                  | 10,000           |      |      |      | 10,000           |
| <b>Total</b>                  | <b>3,018,584</b> | <b>1,550,000</b> |      |      |      | <b>4,568,584</b> |

  

| Funding Sources                   | 2022             | 2023          | 2024 | 2025 | 2026 | Total            |
|-----------------------------------|------------------|---------------|------|------|------|------------------|
| General Obligation Bonds          | 3,450,000        | 50,000        |      |      |      | 3,500,000        |
| Proposed American Rescue Plan Act | 1,100,000        |               |      |      |      | 1,100,000        |
| <b>Total</b>                      | <b>4,550,000</b> | <b>50,000</b> |      |      |      | <b>4,600,000</b> |

**Budget Impact/Other**  
 The proposed project is not anticipated to have a significant impact on the operating budget once the facility is constructed but improvements in efficiencies may have a positive effect. Greenhouse maintenance is the responsibility of 1.75 FTE City staff, supported by significant volunteer hours annually.

|              |                                       |
|--------------|---------------------------------------|
| Project #    | BL135 C034PK                          |
| Project Name | Northside Community Recreation Center |
| Ward         | 1                                     |
| UR Area      |                                       |
| Grantee      |                                       |

Department: Municipal Building  
 Contact: Parks and Recreation Director  
 Type: One Phase  
 Useful Life: 50 years  
 Category: Park & Trail Improvements

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Total Project Cost: \$14,426,847 |
| The City has committed funding from proposed American Rescue Plan Act dollars and Local Option Sales and Services Taxes to construct a new City led Community Center on the current Grubb YMCA site. The planning and design has begun with significant community engagement with the community and numerous stakeholder groups. The City is leading these efforts with community, partners, stakeholders and consultants to identify programming, design and implementation for the new Northside Community Recreation Center. |                                  |

|                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Justification</b>                                                                                                                                                                                                                                                                                                                                                                                  |
| There is a great need to continue to improve service delivery in this portion of the City. It was determined that the Community Recreation Center model will best meet these needs. The next steps necessary are to identify needs determine programming, propose building and site design and the adjacent park design to prioritize needs and the implementation plan for the new community center. |

| Expenditures             | 2022           | 2023             | 2024             | 2025             | 2026 | Total             |
|--------------------------|----------------|------------------|------------------|------------------|------|-------------------|
| Planning/Design          | 426,847        | 1,200,000        |                  |                  |      | 1,626,847         |
| Land Acquisition         |                | 300,000          |                  |                  |      | 300,000           |
| Construction/Maintenance |                |                  | 6,000,000        | 6,500,000        |      | 12,500,000        |
| <b>Total</b>             | <b>426,847</b> | <b>1,500,000</b> | <b>6,000,000</b> | <b>6,500,000</b> |      | <b>14,426,847</b> |

  

| Funding Sources                    | 2022             | 2023             | 2024             | 2025             | 2026 | Total             |
|------------------------------------|------------------|------------------|------------------|------------------|------|-------------------|
| General Obligation Bonds           | 230,000          |                  |                  |                  |      | 230,000           |
| Local Option Sales and Service Tax | 2,500,000        | 2,000,000        |                  |                  |      | 4,500,000         |
| Proposed American Rescue Plan Act  | 2,500,000        | 1,000,000        | 3,000,000        | 3,000,000        |      | 9,500,000         |
| <b>Total</b>                       | <b>5,230,000</b> | <b>3,000,000</b> | <b>3,000,000</b> | <b>3,000,000</b> |      | <b>14,230,000</b> |

|                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Budget Impact/Other</b>                                                                                                                                                                                |
| No operating budget impacts at this time. There will be identified Operating Budget impacts after the facility plan is completed, but the extent is unknown until the scope of the project is identified. |

Project # **BL136 C034PK**  
 Project Name **Fire Station 4**

Department **Municipal Building**  
 Contact **Fire Chief**  
 Type **One Phase**  
 Useful Life **50 years**  
 Category **Building Improvements**

Ward **1** UR Area  
 Grantee

**Description** Total Project Cost: \$10,640,000  
 As part of the Fire Department’s long-term planning for station replacement, this project provides for the replacement of Fire Station 4. This station will be similar in size to the newly constructed Fire Station 11, with the addition of a fourth apparatus bay and a stair training tower.

**Justification**  
 This project is part of the Fire Department's long-term planning for station replacement and contributes to their overall plan to best serve the community.

| Expenditures             | 2022           | 2023           | 2024             | 2025             | 2026 | Total             |
|--------------------------|----------------|----------------|------------------|------------------|------|-------------------|
| Planning/Design          | 375,000        | 285,000        |                  |                  |      | 660,000           |
| Land Acquisition         | 100,000        | 300,000        |                  |                  |      | 400,000           |
| Construction/Maintenance |                |                | 5,990,000        | 3,590,000        |      | 9,580,000         |
| <b>Total</b>             | <b>475,000</b> | <b>585,000</b> | <b>5,990,000</b> | <b>3,590,000</b> |      | <b>10,640,000</b> |

  

| Funding Sources | 2022           | 2023           | 2024             | 2025             | 2026 | Total             |
|-----------------|----------------|----------------|------------------|------------------|------|-------------------|
| Transfers In    | 475,000        | 585,000        | 5,990,000        | 3,590,000        |      | 10,640,000        |
| <b>Total</b>    | <b>475,000</b> | <b>585,000</b> | <b>5,990,000</b> | <b>3,590,000</b> |      | <b>10,640,000</b> |

**Budget Impact/Other**  
 Operational savings will be realized from reduced repairs & maintenance required by a new facility as well as energy efficiency savings.

Transfers In  
 FY22: \$475,000 BL063 Fire Building Improvements  
 FY23: \$585,000 BL063 Fire Building Improvements  
 FY24: \$5,990,000 BL063 Fire Building Improvements  
 FY25: \$3,590,000 BL063 Fire Building Improvements

|              |                |
|--------------|----------------|
| Project #    | BLx05 C034PK   |
| Project Name | Fire Station 3 |
| Ward         | 2              |
| UR Area      |                |
| Grantee      |                |

Department: Municipal Building  
 Contact: Fire Chief  
 Type: One Phase  
 Useful Life: 50 years  
 Category: Building Improvements

|                                                                                                                                                                                                                                          |                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| <b>Description</b>                                                                                                                                                                                                                       | Total Project Cost: \$11,350,000 |
| As part of the Fire Department's long-term planning for station replacement, this project provides for the construction of a new, four bay Fire Station 3. New stations will contribute to the overall plan to best serve the community. |                                  |

|                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Justification</b>                                                                                                                                        |
| This project is part of the Fire Department's long-term planning for station replacement and contributes to their overall plan to best serve the community. |

| Expenditures    | 2022 | 2023 | 2024 | 2025 | 2026           | Total          |
|-----------------|------|------|------|------|----------------|----------------|
| Planning/Design |      |      |      |      | 715,000        | 715,000        |
| <b>Total</b>    |      |      |      |      | <b>715,000</b> | <b>715,000</b> |
| Funding Sources | 2022 | 2023 | 2024 | 2025 | 2026           | Total          |
| Transfers In    |      |      |      |      | 715,000        | 715,000        |
| <b>Total</b>    |      |      |      |      | <b>715,000</b> | <b>715,000</b> |

|                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Budget Impact/Other</b>                                                                                                               |
| Operational savings will be realized from reduced repairs & maintenance required by a new facility as well as energy efficiency savings. |
| Transfers In                                                                                                                             |
| FY26: \$715,000 BL063 Fire Building Improvements                                                                                         |
| FY27: \$4,175,000 BL063 Fire Building Improvements                                                                                       |
| FY28: \$4,960,000 BL063 Fire Building Improvements                                                                                       |

Project # PG016 E054EG  
 Project Name Parking Facility Rehabilitation/Repair Program

Department Parking  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Parking Facility Improvements

Ward All  
 UR Area  
 Grantee

**Description**

This project provides funding for the repair, restoration, and preventative maintenance of the City’s parking facilities. Most of the identified needed repairs/projects on the extensive list are relatively minor in cost. Major projects include: FY2022 - Structural repairs (5th/Keo, 9th/Locust \$100,000), Concrete sealer (3rd/Court - \$100,000), stair repair (4th/Grand), steel painting (3rd/Court - \$250,000); FY2023 - Structural and coating repairs- 5th and Keo- \$125,000). The City anticipates being back on a routine schedule starting in FY2023.

**Justification**

The parking system has aging infrastructure. Two of the five parking ramps are over 30 years old. The average life for a parking ramp is 45 years. As these structures age, the importance of establishing and implementing a plan for preventative maintenance is necessary to preserve the City’s investment in these garages which have a 2019 insured value of over \$70 million (not including the Park and Ride facility). The Municipal Parking System provides parking for approximately 60,000 customers per month.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Construction/Maintenance | 1,210,092        | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 5,210,092        |
| <b>Total</b>             | <b>1,210,092</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>5,210,092</b> |
| Funding Sources          | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
| Parking Fund             | 1,250,000        | 1,000,000        | 1,000,000        | 1,000,000        | 1,000,000        | 5,250,000        |
| <b>Total</b>             | <b>1,250,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>1,000,000</b> | <b>5,250,000</b> |

**Budget Impact/Other**

Maintaining structurally sound parking facilities will reduce the City’s liability and keep the facilities in operation, thus maintaining the generation of revenues and supporting the growth of downtown businesses and housing. The parking garages are part of the City’s Parking Enterprise Fund (E051 EG062085 Parking Administration which is funded mainly by parking revenues with some TIF funds).

Project # PG029 E068EG  
 Project Name Park & Ride Facility Improvements

Department Parking  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Parking Facility Improvements

Ward 3 UR Area  
 Grantee

**Description** Total Project Cost: \$662,725  
 Funding in the plan years is being identified to address miscellaneous repairs and improvements identified in the 2017 Parking System Condition Appraisal Report for this \$22+ million facility. Funds will not be transferred into the project from operating funds until specific needs have been identified. Previous projects include emergency lighting work, stair repairs, and ADA modifications to the restroom.

**Justification**  
 The Parking System Condition Appraisal Report completed in the fall of 2017 identified over one million dollars of needed repairs/improvements. Periodic preventive and corrective maintenance will also be needed in the future to preserve the City's investment and to obtain the 60 year design service life of this facility.

| Expenditures             | 2022           | 2023           | 2024           | 2025           | 2026           | Total          |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Construction/Maintenance | 262,725        | 100,000        | 100,000        | 100,000        | 100,000        | 662,725        |
| <b>Total</b>             | <b>262,725</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>662,725</b> |

  

| Funding Sources    | 2022           | 2023           | 2024           | 2025           | 2026           | Total          |
|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Park and Ride Fund | 250,000        | 100,000        | 100,000        | 100,000        | 100,000        | 650,000        |
| <b>Total</b>       | <b>250,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>650,000</b> |

**Budget Impact/Other**  
 Maintaining the structural integrity of this facility will reduce the City's liability and keep the facility in operation - thus maintaining the generation of revenues.

Project # PG035 E054EG  
 Project Name Parking - On-Street Parking Technology

Department Parking  
 Contact City Engineer  
 Type One Phase  
 Useful Life 20 years  
 Category Parking Facility Improvements

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$4,000,000

The City currently has 2,993 parking meters for 3,391 metered spaces. Of those 2,993 meters, 1,091 are IPS Group Smart Parking Meters, which accept coins, smart cards, and credit cards, and 1,902 of those meters are POM Parking Meters which accept coins and smart cards. The City has received multiple requests from constituents, including requests from representatives of the Des Moines Downtown Chamber of Commerce and Greater Des Moines Partnership, to improve the on-street parking system technology. At the Council Quarterly Planning Session on January 30, 2019, Council gave direction to City staff to pursue an overhaul of the on-street parking system by removing the parking meters (at a minimum the highest value parking meters in the core downtown area), and replacing with Multi-Space Pay Stations along with a pay-by-phone (payment application) payment option.

**Justification**

The City's current parking meter system is antiquated. A new parking meter system is expected to provide a greater customer experience and should result in increased revenues. It does not seem to make sense to continue to invest in replacing old meters with old meters /old technology and install the same in new areas as they develop.

| Expenditures                  | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
|-------------------------------|------------------|------------------|------|------|------|------------------|
| Equipment/Vehicles/Furnishing | 3,340,367        | 659,633          |      |      |      | 4,000,000        |
| <b>Total</b>                  | <b>3,340,367</b> | <b>659,633</b>   |      |      |      | <b>4,000,000</b> |
| Funding Sources               | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
| Parking Fund                  | 2,000,000        | 1,000,000        |      |      |      | 3,000,000        |
| <b>Total</b>                  | <b>2,000,000</b> | <b>1,000,000</b> |      |      |      | <b>3,000,000</b> |

**Budget Impact/Other**

Cities who have upgraded their technology in a similar manner (Multi-space Pay Stations) have often experienced an increase in parking system revenue due to increased duplicate payments for the same space (i.e. currently, if a user pays for 4 hours, but only parks for 3 hours, the next user gets an hour free; upgrading the technology will eliminate that scenario and the next user won't know how much time is remaining for a given space paid by others). Potential increased operation (staff and equipment) for additional signage installation and maintenance and pavement markings.

Project # **PK033 C040PK**  
 Project Name **Community Recreation Center Improvements**

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward 2, 4  
 UR Area  
 Grantee

**Description** Total Project Cost: \$17,298  
 This project provided for building repairs, renovations, and landscaping improvements to Community Recreation Centers. The ongoing repairs and miscellaneous improvements have been moved to the Park Building Improvement project (PK143).

**Justification**  
 These projects are necessary to maintain these assets and keep them up-to-date, attract resident use of the facilities, reduce annual operation and repair costs, and protect the City's investment in these facilities. The Community Recreation Centers have an insured value of over \$18 million.

| Expenditures  | 2022          | 2023 | 2024 | 2025 | 2026 | Total         |
|---------------|---------------|------|------|------|------|---------------|
| Transfers Out | 17,298        |      |      |      |      | 17,298        |
| <b>Total</b>  | <b>17,298</b> |      |      |      |      | <b>17,298</b> |

**Budget Impact/Other**  
 The remaining projects will not have any effect on the Operating Budget except possible savings from energy efficiency upgrades.

Project # PK034 C040PK  
 Project Name Sprayground Improvements

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$3,867,709

This project provides for the on-going capital improvements and major repairs to 5 wading pools, 4 splash pools and 13 Sprayground operating in parks across the City. Chesterfield wading pool was removed in FY22 and is currently programmed for sprayground replacement construction in FY23. As funding allows, wading pools are being replaced with spraygrounds. Wading pools are scheduled to be replaced in the next five years with spraygrounds. Spraygrounds extend the hours of operation and alleviate the need for onsite wading pool staff. The replacement schedule is currently programmed and planned to be one sprayground in FY23, two in spraygrounds in FY24, one sprayground in FY25 and again two spraygrounds programmed in FY26. Major repairs are necessary to our popular inventory of existing splash and spraygrounds, currently funded major repairs include MLK Jr. splash pool, Columbus and surfacing improvements at several existing sprayground sites.

**Justification**

These investments will reduce operating costs for programming and increases service to the citizens of Des Moines by allowing longer operating hours without the need to staff spraygrounds.

| Expenditures             | 2022           | 2023           | 2024             | 2025           | 2026             | Total            |
|--------------------------|----------------|----------------|------------------|----------------|------------------|------------------|
| Planning/Design          | 75,000         | 75,000         | 75,000           | 75,000         | 75,000           | 375,000          |
| Construction/Maintenance | 192,709        | 389,000        | 1,061,000        | 575,000        | 1,025,000        | 3,242,709        |
| Transfers Out            |                | 250,000        |                  |                |                  | 250,000          |
| <b>Total</b>             | <b>267,709</b> | <b>714,000</b> | <b>1,136,000</b> | <b>650,000</b> | <b>1,100,000</b> | <b>3,867,709</b> |

  

| Funding Sources                    | 2022             | 2023           | 2024           | 2025           | 2026             | Total            |
|------------------------------------|------------------|----------------|----------------|----------------|------------------|------------------|
| General Obligation Bonds           | 250,000          | 350,000        | 250,000        | 250,000        | 375,000          | 1,475,000        |
| Local Option Sales and Service Tax | 686,000          |                | 84,000         | 400,000        | 725,000          | 1,895,000        |
| Private                            | 100,000          |                |                |                |                  | 100,000          |
| Transfers In                       | 256,471          |                |                |                |                  | 256,471          |
| <b>Total</b>                       | <b>1,292,471</b> | <b>350,000</b> | <b>334,000</b> | <b>650,000</b> | <b>1,100,000</b> | <b>3,726,471</b> |

**Budget Impact/Other**

Spraygrounds improve operating costs with replacement of old, outdated wading pools which require additional staffing. Extended sprayground hours as requested by neighborhoods do create additional operation costs. Operating costs are reduced when replacing wading pools with spraygrounds, as spraygrounds do not require additional onsite staff requirements.

Transfers In  
 FY22: \$256,471 PK137 Park Improvements

Project # PK045 C040PK  
 Project Name Multi-Use Trails

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$7,200,523

This project provides for planning, design, development, repair and replacement related to the Des Moines multi-use trail system. The City currently has 70 miles of paved, multi-use trails, 11 trail bridges, over 19 miles of soft surface nature and mountain biking trail. Planned improvements include; SW 1st Street Bridge Improvements (FY22-23), Ashby Park Woodland Garden Nature Trail (FY23-24), the Neal Smith Trail Renovations (FY 23-24), and the SE 24th Street trail reconstruction (FY22-23). Beginning in FY24 a major trail resurfacing and repair program will begin based on annual trail audits and inspections. This program will preserve, repair and ensure sustainability of our award-winning trail system. The program will include crack repair, panel and section replacement, fog-sealing, as well as drainage and erosion repairs. Other major trail projects include the Central Place Levee Trail Phases (FY 24-26, funding within PK 0193), and the Carlisle Trail (FY21-24, funding within PK190).

**Justification**

The "Community Attitude and Interest Survey" asked residents to rank their needs of various parks and recreation facilities. Results showed that recreational trails were overwhelmingly the most highly used, needed, supported, and highly requested facility. Continued funding is necessary to expand, maintain and enhance this asset of the community. During the global pandemic trails provided a vital respite for both mental and physical health.

| Expenditures             | 2022             | 2023             | 2024             | 2025           | 2026           | Total            |
|--------------------------|------------------|------------------|------------------|----------------|----------------|------------------|
| Planning/Design          | 45,000           | 45,000           | 45,000           | 45,000         | 45,000         | 225,000          |
| Construction/Maintenance | 982,123          | 1,649,850        | 815,000          | 220,000        | 140,000        | 3,806,973        |
| Transfers Out            | 418,550          | 350,000          | 1,150,000        | 635,000        | 415,000        | 2,968,550        |
| Contributions            | 200,000          |                  |                  |                |                | 200,000          |
| <b>Total</b>             | <b>1,645,673</b> | <b>2,044,850</b> | <b>2,010,000</b> | <b>900,000</b> | <b>600,000</b> | <b>7,200,523</b> |

| Funding Sources          | 2022             | 2023             | 2024             | 2025           | 2026           | Total            |
|--------------------------|------------------|------------------|------------------|----------------|----------------|------------------|
| Federal                  | 340,000          | 200,000          |                  |                |                | 540,000          |
| General Obligation Bonds | 650,000          | 1,760,000        | 1,560,000        | 800,000        | 600,000        | 5,370,000        |
| Private                  | 41,584           | 100,000          |                  |                |                | 141,584          |
| State                    |                  |                  | 400,000          |                |                | 400,000          |
| Transfers In             |                  | 134,850          |                  |                |                | 134,850          |
| <b>Total</b>             | <b>1,031,584</b> | <b>2,194,850</b> | <b>1,960,000</b> | <b>800,000</b> | <b>600,000</b> | <b>6,586,434</b> |

**Budget Impact/Other**

Because this project includes an ongoing capital improvement plan and schedule of resurfacing and repairs to trails it is anticipated to have a low overall impact on the operating budget. As new trail sections are added, maintenance staff should also be added.

Transfers In  
 FY23: SW081 \$134,850 Sidewalk School & Priority Routes

Project # PK132 C040PK  
 Project Name Principal Park

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$7,912,496

Principal Park is one of the oldest, yet one of the best stadiums in the AAA baseball division. Over \$8 million of improvements have been made to this facility in the past ten years, but continuing efforts are desired to update and modernize the facility. The recently completed Principal Park Master Plan consists of identified and prioritized necessary and recommended improvements to Principal Park. The Principal Park Master Plan will be used by City staff, the Parks and Recreation Board, and stadium lessee to guide decisions regarding future improvements and alterations to the Principal Park stadium and site. Implementation of the first phases of the Stadium Master Plan Recommendations are currently programmed for (FY22-23). Annual funding is provided to address general repairs to the park and grounds.

**Justification**

The City is required to maintain the existing facility under the terms of the existing lease agreement (RC - 04-1812).

| Expenditures             | 2022           | 2023             | 2024             | 2025           | 2026           | Total            |
|--------------------------|----------------|------------------|------------------|----------------|----------------|------------------|
| Planning/Design          | 685,000        |                  |                  |                |                | 685,000          |
| Construction/Maintenance | 88,496         | 4,256,000        | 2,651,000        | 116,000        | 116,000        | 7,227,496        |
| <b>Total</b>             | <b>773,496</b> | <b>4,256,000</b> | <b>2,651,000</b> | <b>116,000</b> | <b>116,000</b> | <b>7,912,496</b> |

  

| Funding Sources             | 2022           | 2023             | 2024             | 2025           | 2026           | Total            |
|-----------------------------|----------------|------------------|------------------|----------------|----------------|------------------|
| Private                     | 16,000         | 16,000           | 16,000           | 16,000         | 16,000         | 80,000           |
| Tax Increment Funding Bonds | 300,000        | 4,240,000        | 2,635,000        | 100,000        | 100,000        | 7,375,000        |
| <b>Total</b>                | <b>316,000</b> | <b>4,256,000</b> | <b>2,651,000</b> | <b>116,000</b> | <b>116,000</b> | <b>7,455,000</b> |

**Budget Impact/Other**

The operating budget for this facility is the responsibility of the Iowa Sports Turf Management, Inc. (ISTM). If approved the new master plan will result in a significant capital improvement program with prioritized projects well into the future.

|              |                   |
|--------------|-------------------|
| Project #    | PK137 C040PK      |
| Project Name | Park Improvements |
| Ward         | All               |
| UR Area      |                   |
| Grantee      |                   |

|             |                               |
|-------------|-------------------------------|
| Department  | Parks and Recreation          |
| Contact     | Parks and Recreation Director |
| Type        | Ongoing                       |
| Useful Life | 25 years                      |
| Category    | Park & Trail Improvements     |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Total Project Cost: \$11,262,211 |
| <p>This project provides upgrades to and renovation of amenities in parks such as tennis and basketball courts, landscaping, park signage, and other miscellaneous improvements. Planned Park Improvement projects include: Community Garden Relocation (FY22), a future Bike Garden Park (FY24-25), Four Futsal Courts (FY22-23), Cohen Park Improvements (FY22), Hamilton Drain Park Improvements (23-24), Western Gateway Runnels Project (FY22-23), Evelyn K. Davis Park Improvements (22-23), Park Signage (FY23-25), Riverview Park Trailhead Improvements (FY22). There is also annual program for basketball and tennis court replacement and refurbishment and park landscape improvements. Funding is also provided every year for general improvements and repairs to the park and recreation system.</p> |                                  |

|                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Justification</b>                                                                                                                                                                                                                                       |
| <p>The infrastructure and equipment in parks deteriorate over time from visitor use and weathering. Funding is needed to keep parks safe, clean and welcoming. During the pandemic parks provided a vital respite for both mental and physical health.</p> |

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|--------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Planning/Design          | 50,000           | 550,000          | 50,000           | 50,000           | 50,000           | 750,000           |
| Construction/Maintenance | 1,729,878        | 3,625,500        | 1,729,500        | 1,580,000        | 1,345,000        | 10,009,878        |
| Transfers Out            | 502,333          |                  |                  |                  |                  | 502,333           |
| <b>Total</b>             | <b>2,282,211</b> | <b>4,175,500</b> | <b>1,779,500</b> | <b>1,630,000</b> | <b>1,395,000</b> | <b>11,262,211</b> |

| Funding Sources                    | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Federal                            | 500,000          | 500,000          |                  |                  |                  | 1,000,000         |
| General Obligation Bonds           | 1,250,000        | 2,155,000        | 1,165,000        | 1,510,000        | 1,355,000        | 7,435,000         |
| Local Option Sales and Service Tax | 500,000          |                  |                  |                  |                  | 500,000           |
| Other                              | 15,000           | 15,000           | 15,000           | 15,000           | 15,000           | 75,000            |
| Private                            | 102,500          | 25,000           | 25,000           | 25,000           | 25,000           | 202,500           |
| State                              |                  |                  | 300,000          |                  |                  | 300,000           |
| Tax Increment Funding Bonds        | 20,000           | 835,000          |                  |                  |                  | 855,000           |
| Transfers In                       | 32,368           |                  |                  |                  |                  | 32,368            |
| <b>Total</b>                       | <b>2,419,868</b> | <b>3,530,000</b> | <b>1,505,000</b> | <b>1,550,000</b> | <b>1,395,000</b> | <b>10,399,868</b> |

|                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Budget Impact/Other</b>                                                                                                                                                                     |
| <p>The proposed projects in the next few years are not expected to significantly affect the operating budgets. The operating budgets are reimbursed for City Staff work on these projects.</p> |
| <p>Transfers In<br/> FY22: \$25,000 PK167 Urban Conservation Projects, \$7,368 PK188 Weeks Middle School Park</p>                                                                              |

Project # **PK138 C040PK**  
 Project Name **Cemetery Infrastructure and Improvements**

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$3,790,369  
 This project provides for ongoing maintenance, repairs, and improvements to the City's seven cemeteries to maintain them in a safe, functional, and attractive condition. Major planned improvements include: Laurel Hill Columbarium (FY22), Woodland Retaining Wall and Fence Repair (FY23-25), Woodland Monument Restoration Project, Glendale Pond Shoreline Improvements (FY23-24). Future projects include the Laurel Hill Maintenance Building Improvements, Woodland Receiving Vault, Water System Repairs and Cremation Burials Improvements. Additionally, funding is allocated annually for monument restoration supplemented by generous donations from the community and a large grant from Polk County. Improvements to the roads in cemeteries is addressed in the Park Infrastructure project PK175.

**Justification**  
 These improvements will encourage cemetery patronage and visitation, increase annual lot sales, reduce annual operation and repair costs, and protect the City's investment in these cemetery amenities.

| Expenditures             | 2022           | 2023             | 2024             | 2025           | 2026           | Total            |
|--------------------------|----------------|------------------|------------------|----------------|----------------|------------------|
| Construction/Maintenance | 270,369        | 1,110,000        | 1,885,000        | 225,000        | 300,000        | 3,790,369        |
| <b>Total</b>             | <b>270,369</b> | <b>1,110,000</b> | <b>1,885,000</b> | <b>225,000</b> | <b>300,000</b> | <b>3,790,369</b> |
| Funding Sources          | 2022           | 2023             | 2024             | 2025           | 2026           | Total            |
| General Obligation Bonds | 590,000        | 1,135,000        | 1,185,000        | 225,000        | 300,000        | 3,435,000        |
| Private                  | 63,000         |                  |                  |                |                | 63,000           |
| <b>Total</b>             | <b>653,000</b> | <b>1,135,000</b> | <b>1,185,000</b> | <b>225,000</b> | <b>300,000</b> | <b>3,498,000</b> |

**Budget Impact/Other**  
 None of the proposed projects are anticipated to have a significant impact on the operating budget (G001 PK200220 - Cemetery).

Project # **PK 140 C040PK**  
 Project Name **Gray's Lake Park Improvements**

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward 3

UR Area

Grantee

**Description**

Total Project Cost: \$1,738,856

This project provides for on-going capital improvements and major repairs at Gray's Lake Park such as enhanced native landscaping, general improvements, and interior signage renovations. Future improvements are intended to help modernize the facilities and will be done with the Gray's Lake and Meredith Trail Advisory Committee's assistance through fundraising for priority projects outlined in the City Council adopted master plan update. Current improvement projects include Southwest Entry and Parking Repairs (FY22-23). Funding is also provided annually for minor landscaping improvements at Gray's Lake Park.

**Justification**

Gray's Lake Park is a significant landmark in our system and visible to both citizens and visitors traveling between the Des Moines International Airport and the Downtown area. Funding is necessary in the CIP to maintain this valuable asset and to make improvements to satisfy the demands of the over one million users a year, reduce repair costs, and protect the City's investment in these facilities.

| Expenditures             | 2022           | 2023             | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|------------------|----------------|----------------|----------------|------------------|
| Planning/Design          | 25,000         | 25,000           | 25,000         | 25,000         | 25,000         | 125,000          |
| Construction/Maintenance | 188,856        | 1,200,000        | 75,000         | 75,000         | 75,000         | 1,613,856        |
| <b>Total</b>             | <b>213,856</b> | <b>1,225,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>1,738,856</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Federal                  | 49,826         |                |                |                |                | 49,826           |
| General Obligation Bonds | 155,000        | 975,000        | 100,000        | 100,000        | 100,000        | 1,430,000        |
| <b>Total</b>             | <b>204,826</b> | <b>975,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>1,479,826</b> |

**Budget Impact/Other**

The projects planned in the next few years are not expected to affect the operating department (G001 PK201262 - Gray's Lake).

Project # PK143 C040PK  
 Project Name Park Building Improvements

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 25 years  
 Category Park & Trail Improvements

Ward All UR Area  
 Grantee Various

**Description** Total Project Cost: \$4,028,393  
 This project provides for maintenance and improvements to many of the existing shelters, restrooms and other buildings within the City's parks and recreation system. Planned projects include: Grandview Park Shelter Renovation (FY22-24), Ding Darling Shelter improvements (FY22-24), Union Park Shelter Renovation (FY25-26), Beaverville Shelter (FY27-28) and Community Recreation Center Improvements (FY27). Funding is also provided every year for general improvements and repairs to the buildings in the Park system.

**Justification**  
 Improvements are needed to help maintain these parks and recreation building assets and continue to encourage park patronage of rental shelters. Shelter rentals remain a popular option for people engaging with our park system.

| Expenditures             | 2022             | 2023           | 2024             | 2025           | 2026           | Total            |
|--------------------------|------------------|----------------|------------------|----------------|----------------|------------------|
| Construction/Maintenance | 948,393          | 369,000        | 1,215,000        | 525,000        | 635,000        | 3,692,393        |
| Transfers Out            | 150,000          | 186,000        |                  |                |                | 336,000          |
| <b>Total</b>             | <b>1,098,393</b> | <b>555,000</b> | <b>1,215,000</b> | <b>525,000</b> | <b>635,000</b> | <b>4,028,393</b> |

  

| Funding Sources          | 2022             | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|------------------|----------------|----------------|----------------|----------------|------------------|
| Federal Grants           | 500,000          |                |                |                |                | 500,000          |
| General Obligation Bonds | 495,000          | 780,000        | 640,000        | 225,000        | 435,000        | 2,575,000        |
| Other                    |                  |                |                | 200,000        | 200,000        | 400,000          |
| Private                  |                  |                |                | 100,000        |                | 100,000          |
| Transfers In             | 17,298           |                |                |                |                | 17,298           |
| <b>Total</b>             | <b>1,012,298</b> | <b>780,000</b> | <b>640,000</b> | <b>525,000</b> | <b>635,000</b> | <b>3,592,298</b> |

**Budget Impact/Other**  
 The various projects are not anticipated to have a significant impact on the operating budgets.  
 Transfers In  
 FY22: \$17,298 PK033 Community Recreation Center Improvements

Project # **PK153 C040PK**  
 Project Name **Swimming Pools and Aquatic Infrastructure**

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$2,028,693

This project provides for repair and major replacement costs for the three aquatic centers and two swimming pools. This includes plumbing repairs, mechanical systems replacements, caulking, pool painting, water slide and pool furniture replacements necessary to keep pools in safe working order. Current planned projects include: annual Pool Painting, Filter Replacement and Slide Renovations. Funding is also provided annually for general improvements and repairs. An aquatic assessment and stabilization (FY23-24) will be conducted to address immediate imminent operational and mechanical needs and to create a plan with recommendations to address the most effective path forward for addressing the five aging aquatic facilities. The assessment will include existing conditions assessment, analysis, identify opinion of probable costs, lifecycle of facilities and aquatic systems, prepare capital and soft cost budgets, determine operational impacts of facilities, as well as recommended facility improvements and renovations. The aquatic facility assessment will allow for fiscal planning to align with recommendations and needs identified in the assessment of all five aquatic pool facilities.

**Justification**

Infrastructure in the pools and aquatic centers has deteriorated over time from age, visitor use, weathering, and lack of capital investment. Funding is needed to keep these properties safe, reduce annual operation and repair costs, and protect the City's investment in these facilities.

| Expenditures                       | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|------------------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance           | 328,693        | 965,000        | 335,000        | 200,000        | 200,000        | 2,028,693        |
| <b>Total</b>                       | <b>328,693</b> | <b>965,000</b> | <b>335,000</b> | <b>200,000</b> | <b>200,000</b> | <b>2,028,693</b> |
| Funding Sources                    | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
| General Obligation Bonds           | 225,000        | 200,000        | 200,000        | 200,000        | 200,000        | 1,025,000        |
| Local Option Sales and Service Tax | 625,000        |                |                |                |                | 625,000          |
| <b>Total</b>                       | <b>850,000</b> | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> | <b>1,650,000</b> |

**Budget Impact/Other**

Renovation of the existing pools will reduce expenses in the operating budget (G001 PK201261 - PK Pools).

Project # PK162 C040PK  
 Project Name Principal Riverwalk  
 Ward 3, 4  
 UR Area  
 Grantee

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Park & Trail Improvements

**Description** Total Project Cost: \$1,426,119  
 On October 7, 2013, a grand opening event took place in celebration of the completion of numerous facilities that had been built as components of the Principal Riverwalk, which now allows visitors to walk, run, bike, ice skate and enjoy other leisure activities in a beautiful and natural outdoor setting along the banks of the Des Moines River in downtown Des Moines. Planned projects include continued repairs to areas of failing pavers and sections of degraded balustrades. The work will occur in an alternating yearly basis; Balustrade Replacement (FY23) and Paver Replacement (FY24). Funding is also provided for miscellaneous small repairs and improvements.

**Justification**  
 Principal Riverwalk is a significant landmark in our system and visible to both citizens and visitors to Des Moines and the Downtown area. Funding is necessary in the CIP to maintain this valuable asset and to make improvements to satisfy the demands of reduce repair costs, and protect the City's investment in these facilities.

| Expenditures             | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 351,119        | 325,000        | 325,000        | 325,000        | 100,000        | 1,426,119        |
| <b>Total</b>             | <b>351,119</b> | <b>325,000</b> | <b>325,000</b> | <b>325,000</b> | <b>100,000</b> | <b>1,426,119</b> |

  

| Funding Sources          | 2022           | 2023 | 2024          | 2025           | 2026           | Total          |
|--------------------------|----------------|------|---------------|----------------|----------------|----------------|
| General Obligation Bonds | 375,000        |      | 50,000        | 325,000        | 100,000        | 850,000        |
| Transfers In             | 120,689        |      |               |                |                | 120,689        |
| <b>Total</b>             | <b>495,689</b> |      | <b>50,000</b> | <b>325,000</b> | <b>100,000</b> | <b>970,689</b> |

**Budget Impact/Other**  
 Maintenance of the grounds is funded by the Downtown SSMID.  
 Transfers In  
 FY22: \$120,689 SW095 Sidewalks - ADA Compliance

Project # PK167 C040PK  
 Project Name Urban Conservation Projects

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward All UR Area  
 Grantee Various

**Description** Total Project Cost: \$1,818,522  
 This project provides funding for promoting more responsible, ecologically based park management practices. An Urban Conservation Advisory Committee, a sub-committee of the Parks and Recreation Board, assist staff in prioritizing projects which range from park management plans, interpretive signage at natural areas, water quality study of our ponds, and natural landscape and improvement plans. Major projects include: Prospect Park Savanna Restoration (FY24-25) which is dependent upon a grant award and Waveland and Glendale Stormwater Improvements (FY23-24). Also included is a modest allocation for parkland and shoreline conservation and restoration projects.

**Justification**  
 The protection and restoration of the nature areas within our parks will make them more inviting and dynamic for our park users and native wildlife. The use of native plant species decreases mowing, chemicals and improves resiliency and improves overall water quality in our local watersheds.

| Expenditures             | 2022           | 2023           | 2024             | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|------------------|----------------|----------------|------------------|
| Construction/Maintenance | 156,022        | 247,500        | 1,140,000        | 100,000        | 100,000        | 1,743,522        |
| Transfers Out            | 25,000         | 50,000         |                  |                |                | 75,000           |
| <b>Total</b>             | <b>181,022</b> | <b>297,500</b> | <b>1,140,000</b> | <b>100,000</b> | <b>100,000</b> | <b>1,818,522</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| General Obligation Bonds | 100,000        | 100,000        | 800,000        | 100,000        | 100,000        | 1,200,000        |
| Private                  | 50,000         | 137,500        |                |                |                | 187,500          |
| State                    |                | 300,000        | 100,000        |                |                | 400,000          |
| <b>Total</b>             | <b>150,000</b> | <b>537,500</b> | <b>900,000</b> | <b>100,000</b> | <b>100,000</b> | <b>1,787,500</b> |

**Budget Impact/Other**  
 Establishing natural landscapes and no-mow areas within the Park system through implementation of native planting plans will reduce park mowing costs, increase sustainability and resiliency while protecting and preserving the city's ecosystems.

Project # **PK175 C040PK**  
 Project Name **Park Infrastructure**

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Park & Trail Improvements

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$9,977,749  
 This project provides for upgrade, renovation, and restoration of parking lots, roads, sidewalks and utilities within our parks, cemeteries, and open spaces. There are nearly 20 miles of park and cemetery roads. Planned projects include: Woodland Cemetery Roads, (FY23-26), Grandview Park Roads (FY23-26), Laurel Hill Cemetery Roads (FY24-27), all of which will occur in multiple phases.

**Justification**  
 The infrastructure in the cemetery, park and open space system has deteriorated over time from age, visitor use, weathering, and lack of adequate maintenance. Funding is needed to keep these properties safe, reduce annual operation and repair costs, and protect the City's investment in these facilities.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Construction/Maintenance | 3,214,438        | 950,000          | 1,460,000        | 1,460,000        | 1,695,000        | 8,779,438        |
| Transfers Out            | 1,148,311        | 50,000           |                  |                  |                  | 1,198,311        |
| <b>Total</b>             | <b>4,362,749</b> | <b>1,000,000</b> | <b>1,460,000</b> | <b>1,460,000</b> | <b>1,695,000</b> | <b>9,977,749</b> |

  

| Funding Sources                   | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| General Obligation Bonds          | 2,875,000        | 1,000,000        | 1,460,000        | 1,460,000        | 1,695,000        | 8,490,000        |
| Waste Water Reclamation Authority | 113,270          |                  |                  |                  |                  | 113,270          |
| <b>Total</b>                      | <b>2,988,270</b> | <b>1,000,000</b> | <b>1,460,000</b> | <b>1,460,000</b> | <b>1,695,000</b> | <b>8,603,270</b> |

**Budget Impact/Other**  
 The proposed projects in the next few years are not expected to significantly affect the operating budgets. The operating budgets are reimbursed for City Staff work on these projects.

Project # **PK176 C040PK**  
 Project Name **Sports Complexes**

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$1,344,004  
 This project provides for the planning, design, development, repair, and maintenance related to baseball, soccer, softball and general use recreation fields. Annual funding is provided to address general repairs and upgrades. Future sport complex improvement projects include playing field improvements and lighting replacement and upgrades (FY25-27).

**Justification**  
 These sports complexes not only serve a recreation need for the local residents, they also bring in baseball, soccer, softball, and tennis tournaments bolstering the City's economy and adding to our overall status as a tourism destination.

| Expenditures             | 2022           | 2023           | 2024          | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|---------------|----------------|----------------|------------------|
| Construction/Maintenance | 119,004        | 100,000        | 85,000        | 740,000        | 300,000        | 1,344,004        |
| <b>Total</b>             | <b>119,004</b> | <b>100,000</b> | <b>85,000</b> | <b>740,000</b> | <b>300,000</b> | <b>1,344,004</b> |

| Funding Sources          | 2022           | 2023     | 2024     | 2025           | 2026           | Total            |
|--------------------------|----------------|----------|----------|----------------|----------------|------------------|
| General Obligation Bonds | 510,000        | 0        | 0        | 300,000        | 300,000        | 1,110,000        |
| <b>Total</b>             | <b>510,000</b> | <b>0</b> | <b>0</b> | <b>300,000</b> | <b>300,000</b> | <b>1,110,000</b> |

**Budget Impact/Other**  
 The proposed projects in the next few years are not expected to significantly affect the operating budgets. The operating budgets are reimbursed for City Staff work on these projects.

Project # **PK179 C040PK**  
 Project Name **MacRae Park Improvements**

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type One Phase  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward 3 UR Area  
 Grantee REAP

**Description**

Total Project Cost: \$3,098,697

This project provides for improvements to MacRae Park, to include: a nature playground with water element, an open-air shelter, new trails, trail bridge, drainage and roadway improvements, boardwalk and an accessible fishing pier. Significant donor funding supports these efforts and additional grant and donor funding continued to be sought in support of these major park improvements.

**Justification**

MacRae Park is one of the city's most historic parks and encompasses a beautiful site just south of downtown. At just over 50 acres, it anchors the north end of the SW 9th Street corridor and is regarded as one gateway to downtown Des Moines. These improvements will restore the site to a place of landmark prominence.

| Expenditures             | 2022             | 2023           | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|----------------|------|------|------|------------------|
| Construction/Maintenance | 2,898,697        | 200,000        |      |      |      | 3,098,697        |
| <b>Total</b>             | <b>2,898,697</b> | <b>200,000</b> |      |      |      | <b>3,098,697</b> |

| Funding Sources                    | 2022             | 2023           | 2024 | 2025 | 2026 | Total            |
|------------------------------------|------------------|----------------|------|------|------|------------------|
| General Obligation Bonds           | 350,000          |                |      |      |      | 350,000          |
| Local Option Sales and Service Tax | 175,000          |                |      |      |      | 175,000          |
| Private                            | 632,250          |                |      |      |      | 632,250          |
| State                              | 96,643           |                |      |      |      | 96,643           |
| Transfers In                       | 1,232,626        | 200,000        |      |      |      | 1,432,626        |
| <b>Total</b>                       | <b>2,486,519</b> | <b>200,000</b> |      |      |      | <b>2,686,519</b> |

**Budget Impact/Other**

None of the proposed projects are anticipated to have a significant impact on the operating budget but increased vertical infrastructure will result in an increased level of maintenance. City staff currently takes care of the ground maintenance.

Transfers In  
 FY22: \$150,000 PK143 Park Building Improvements, \$1,082,626 PK175 MacRae Park Improvements  
 FY23: \$100,000 PK045 Multi-Use Trails, \$50,000 PK167 Urban Conservation, \$50,000 PK175 Park Infrastructure

Project # **PK180 C040PK**  
 Project Name **Watershed Park Amenities**  
 Ward **All** UR Area  
 Grantee

Department **Parks and Recreation**  
 Contact **Parks and Recreation Director**  
 Type **Ongoing**  
 Useful Life **20 years**  
 Category **Park & Trail Improvements**

**Description** Total Project Cost: \$2,199,771  
 This project provides for the improvement of parks and open space areas within the City of Des Moines' designated watershed management authority areas. Currently, this includes the Fourmile Creek and the Walnut Creek watersheds. Major projects include: Fourmile Greenway Infrastructure Removal. Fourmile Greenway and Walnut Creek are programmed for annual reoccurring projects to address ongoing erosion, stabilization, restoration and infrastructure needs. These projects will increase wildlife habitat, sustainability, water quality and public access (FY22-27).

**Justification**  
 Watershed Management work will lead to healthier ecosystems, help reduce maintenance costs, improved habitat, increase citizen's access to these waterways and greenways, and protect existing investments (such as our recreational trail system) from impending damage.

| Expenditures             | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 899,771        | 650,000        | 100,000        | 100,000        | 250,000        | 1,999,771        |
| <b>Total</b>             | <b>899,771</b> | <b>650,000</b> | <b>100,000</b> | <b>100,000</b> | <b>250,000</b> | <b>1,999,771</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Federal                  | 30,000         |                |                |                |                | 30,000           |
| General Obligation Bonds | 200,000        | 500,000        | 100,000        | 100,000        | 250,000        | 1,150,000        |
| <b>Total</b>             | <b>230,000</b> | <b>500,000</b> | <b>100,000</b> | <b>100,000</b> | <b>250,000</b> | <b>1,180,000</b> |

**Budget Impact/Other**  
 The proposed projects in the next few years are not expected to significantly affect the operating budgets.

Project # **PK181 C040PK**  
 Project Name **Riverview - Earthwork and Stage**  
 Ward **2** UR Area  
 Grantee

Department **Parks and Recreation**  
 Contact **Parks and Recreation Director**  
 Type **One Phase**  
 Useful Life **50 years**  
 Category **Park & Trail Improvements**

**Description** Total Project Cost: \$28,967  
 This project provided for the design and construction of a new concert stage at Riverview Park and site-wide earthwork to supplement the already well-suited site for events, programs and general park use.

**Justification**  
 For several years, Parks Area Foundation (PAF) had worked closely with City staff to plan for the revitalization of Riverview Park, a former amusement park that is now City-owned land. PAF invested their own funds to hire a local architecture firm to design the outdoor stage venue and committed to fundraising for a portion of construction, with the City funding the remaining elements.

| Expenditures  | 2022          | 2023 | 2024 | 2025 | 2026 | Total         |
|---------------|---------------|------|------|------|------|---------------|
| Transfers Out | 28,967        |      |      |      |      | 28,967        |
| <b>Total</b>  | <b>28,967</b> |      |      |      |      | <b>28,967</b> |

**Budget Impact/Other**  
 Increased vertical infrastructure will result in an increased level of maintenance. City staff are responsible for ground maintenance.

Project # PK182 C040PK  
 Project Name Riverview Park - Site Plaza and Shelter

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type One Phase  
 Useful Life 25 years  
 Category Park & Trail Improvements

Ward 2 UR Area  
 Grantee

**Description** Total Project Cost: \$4,609  
 This project provided for the design and construction of a site history and donor recognition plaza, historic lighting, path system with direct connections to the Des Moines trail system, donor-funded inclusive playground and other site-wide improvements. In-kind contributions of approximately \$500,000 from Variety The Children's Charity of Iowa funded the construction of the inclusive playground.

**Justification**  
 Riverview Park has the potential to be a regional destination for a wide variety of park and recreation uses. Park improvements will further enhance the City's ability to serve the greatest number of residents while also highlighting Riverview Park's unique history.

| Expenditures             | 2022         | 2023 | 2024 | 2025 | 2026 | Total        |
|--------------------------|--------------|------|------|------|------|--------------|
| Construction/Maintenance | 4,609        |      |      |      |      | 4,609        |
| <b>Total</b>             | <b>4,609</b> |      |      |      |      | <b>4,609</b> |

| Funding Sources | 2022          | 2023 | 2024 | 2025 | 2026 | Total         |
|-----------------|---------------|------|------|------|------|---------------|
| Transfers In    | 28,967        |      |      |      |      | 28,967        |
| <b>Total</b>    | <b>28,967</b> |      |      |      |      | <b>28,967</b> |

**Budget Impact/Other**  
 Increased vertical infrastructure will result in an increased level of maintenance. City staff are responsible for ground maintenance.  
 Transfer In  
 FY22: \$28,967 PK181 Riverview Park - Site Plaza and Shelter

Project # PK183 C040PK  
 Project Name Carl Voss Multi-Use Recreational Trail

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type One Phase  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward 4 UR Area  
 Grantee Various

**Description** Total Project Cost: \$168,444

This project has close out items. Phase 2 of the Carl Voss Trail, formerly the Des Moines River Trail, was substantially completed and opened just in time for the 2020 Labor Day holiday to the delight of many trail users, thus completing a significant extension of the city's trail network the southeast region of the city. All-in-all, approximately 2.5 miles of asphalt-paved, multi-use trail was constructed including three neighborhood connections and new connections to the Cownie Soccer Park and Polk County Conservation's Easter Lake Park. The trail corridor offers scenic woodland and greenway viewsheds and boasts a variety of user amenities such as, wayfinding signage, seating, and a bicycle maintenance station, an informational hub display, additional signage.

**Justification**

The Carl Voss Multi-Use Recreational Trail is the highest priority gap to fill in the City's nationally recognized multi-use recreational trail system and will support both recreation and transportation in the region. Successful grant applications provide more than \$1.6 million to supplement CIP funding.

| Expenditures             | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|------|------|------|------|----------------|
| Construction/Maintenance | 168,444        |      |      |      |      | 168,444        |
| <b>Total</b>             | <b>168,444</b> |      |      |      |      | <b>168,444</b> |

  

| Funding Sources | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|-----------------|----------------|------|------|------|------|----------------|
| Federal         | 369,901        |      |      |      |      | 369,901        |
| State           | 300,000        |      |      |      |      | 300,000        |
| <b>Total</b>    | <b>669,901</b> |      |      |      |      | <b>669,901</b> |

**Budget Impact/Other**

This project is not anticipated to have a significant impact on the operating budget, but increased miles of trail infrastructure will result in an increased level of maintenance. City staff are responsible for trail maintenance.

Project # PK184 C040PK  
 Project Name Witmer Park Improvements

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type One Phase  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward 1

UR Area

Grantee

**Description**

Total Project Cost: \$737,450

This project provides for improvements to Witmer Park, which include Phase 2 improvements of a new Playground and Restroom. Significant funding provided with the help and support of Friends of Des Moines Parks, the Neighborhood Association and Polk County. The last remaining funded project is to complete the restroom in 2022.

**Justification**

Throughout 2019 Witmer Park in the Drake and Beavertdale neighborhoods underwent the first major rehabilitation since the park's initial development in the late 1930's and early 1940's. Despite being called for in the historic master plan, paved pathways for circulation throughout the park were never fully implemented. Today, the new looping pathways provide access to the existing tennis courts and new features including two new open-air shelters and a floating fishing pier. The pond was also dredged removing multiple thousand yards of silt and has subsequently been restocked with fish by the Iowa DNR. Phase II improvements continue to compliment the program and activities available to the public. A new restroom, playground, drinking fountain, site furnishings, and walkways are programmed for Phase 2 of Witmer Park improvements. Phase 2 has funding was leveraged with multiple partners as well as grant programs. The Phase 2 improvements will provide park enhancements that immediately service both the Drake and Beavertdale neighborhoods and beyond.

| Expenditures                       | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|------------------------------------|----------------|------|------|------|------|----------------|
| Construction/Maintenance           | 737,450        |      |      |      |      | 737,450        |
| <b>Total</b>                       | <b>737,450</b> |      |      |      |      | <b>737,450</b> |
| Funding Sources                    | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
| Local Option Sales and Service Tax | 350,000        |      |      |      |      | 350,000        |
| Private                            | 183,007        |      |      |      |      | 183,007        |
| <b>Total</b>                       | <b>533,007</b> |      |      |      |      | <b>533,007</b> |

**Budget Impact/Other**

Increased in vertical infrastructure will result in an increased level of maintenance and operational needs at Witmer Park.

Project # **PK185 C040PK**  
 Project Name **Park Playground Improvements**

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Ongoing  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$2,784,984  
 This project provides for ongoing maintenance, repairs, and improvements to the City's park playgrounds to maintain them in a safe, functional, and attractive condition and replace them when equipment has reached the end of its lifecycle. Planned improvements include: McHenry Park Playground (FY23), Brook Run Playground ADA upgrades (FY22-23), Frisbee Park Playground replacement (FY23), Cheatom Park Playground (FY24), Sayers Park Playground (FY24), Cohen Park Playground (FY23) which is allocated in PK137, and the Chesterfield Park Playground (FY22-23) allocated in PK187. Annual funding is also provided to address vandalism and repairs to existing playground improvements.

**Justification**  
 Playgrounds often serve as a main attraction in parks across the system. Many have surpassed their typical 20-year lifespan making replacing these older systems a key focus.

| Expenditures                       | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|------------------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance           | 794,984        | 465,000        | 625,000        | 575,000        | 325,000        | 2,784,984        |
| <b>Total</b>                       | <b>794,984</b> | <b>465,000</b> | <b>625,000</b> | <b>575,000</b> | <b>325,000</b> | <b>2,784,984</b> |
| Funding Sources                    | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
| General Obligation Bonds           | 360,000        | 285,000        | 485,000        | 285,000        | 285,000        | 1,700,000        |
| Local Option Sales and Service Tax | 284,000        |                | 16,000         | 290,000        | 40,000         | 630,000          |
| Transfers In                       | 79,601         | 100,000        |                |                |                | 179,601          |
| <b>Total</b>                       | <b>723,601</b> | <b>385,000</b> | <b>501,000</b> | <b>575,000</b> | <b>325,000</b> | <b>2,509,601</b> |

**Budget Impact/Other**  
 None of the proposed projects are anticipated to have a significant impact on the operating budget, but new play equipment will have a positive effect. City staff are responsible for playground maintenance.  
 Transfers In  
 FY22: \$69,750 PK045 Multi-Use Trails, \$9,851 PK188 Weeks School Park Improvements  
 FY23: \$100,000 PK045 Multi-Use Trails

Project # PK187 C040PK  
 Project Name Chesterfield Park Improvements  
 Ward 4 UR Area  
 Grantee Land and Water Conservation F

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type One Phase  
 Useful Life 20 years  
 Category Park & Trail Improvements

**Description** Total Project Cost: \$1,951,878  
 This project provides for improvements to Chesterfield Park which include a playground, sprayground, open air shelter, basketball court, futsal court, sport field restoration, parking lot improvements, walking path, restroom renovation, site amenities such as benches, landscaping improvement and other related park improvements. A \$200,000 Land and Water Conservation Fund Grant and funding from the Friends of Des Moines Parks and others has supplemented the general obligation bonds issued to fund this project.

**Justification**  
 Land for Chesterfield Park was acquired in 1929 and periodic improvements have been installed over time. The majority of these have reached the end of their lifecycle and have already been removed or must be replaced. Significant community engagement has created a park improvement plan which is responsive to the community and neighborhood needs and will restore this 5.8-acre park to a memorable place serving as the heart of the Chesterfield neighborhood.

| Expenditures             | 2022             | 2023           | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|----------------|------|------|------|------------------|
| Planning/Design          | 50,000           |                |      |      |      | 50,000           |
| Construction/Maintenance | 965,878          | 936,000        |      |      |      | 1,901,878        |
| <b>Total</b>             | <b>1,015,878</b> | <b>936,000</b> |      |      |      | <b>1,951,878</b> |

  

| Funding Sources          | 2022           | 2023           | 2024 | 2025 | 2026 | Total            |
|--------------------------|----------------|----------------|------|------|------|------------------|
| Federal                  | 200,000        |                |      |      |      | 200,000          |
| General Obligation Bonds | 480,000        |                |      |      |      | 480,000          |
| Private                  | 75,000         |                |      |      |      | 75,000           |
| Transfers In             | 200,000        | 436,000        |      |      |      | 636,000          |
| <b>Total</b>             | <b>955,000</b> | <b>436,000</b> |      |      |      | <b>1,391,000</b> |

**Budget Impact/Other**  
 Increased vertical infrastructure will result in an increased level of maintenance. City staff are responsible for park maintenance.

Project # **PK188 C040PK**  
 Project Name **Weeks School Park Improvements**

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type One Phase  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward 4  
 UR Area  
 Grantee

**Description** Total Project Cost: \$18,725  
 This is substantially completed. This project included the construction of a playground with play equipment, loop path with neighborhood connections, enhanced recreation/athletic fields, full basketball court, open-air shelter and storm water improvements consisting of installation of a storm water retention basin. These improvements were greatly informed by the input of school leadership, staff, students and neighborhood residents.

**Justification**  
 The shared school park improvements are mutually beneficial to both the City and the School District, as it helps the City accomplish the adopted LiveDSM goal of every resident being within a 10-minute walk of a park or recreation facility and will provide the School District with exterior improvements not feasible within their current funding projections. This project has close out items which will be completed prior to the spring of 2022.

| Expenditures             | 2022          | 2023 | 2024 | 2025 | 2026 | Total         |
|--------------------------|---------------|------|------|------|------|---------------|
| Construction/Maintenance | 1,506         |      |      |      |      | 1,506         |
| Transfers Out            | 17,219        |      |      |      |      | 17,219        |
| <b>Total</b>             | <b>18,725</b> |      |      |      |      | <b>18,725</b> |

**Budget Impact/Other**  
 Increased vertical infrastructure will result in an increased level of maintenance. This is a new property within the system with shared responsibilities with Des Moines Public Schools.

Project # **PK189 C040PK**  
 Project Name **Birdland Park and Marina**

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Multi-Phase  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward 2  
 UR Area  
 Grantee

**Description** Total Project Cost: \$7,000,778  
 This project developed a site master plan for Birdland Park and Marina which was adopted by both the Parks and Recreation Board and the City Council in 2021. The master plan outlines a logical, highest value approach to next steps for improvements and provides grant matching dollars to apply and carry out the first phases of planned improvements in-line with the approved master plan.

**Justification**  
 This area of City has experienced positive change in recent years with the renovation of Ding Darling Shelter, the addition of Captain Roy's and completion of Birdland Trail. The master plan includes proposed phasing, potential funding sources and levels of investment options. The City is currently pursuing grant and matching funds to implement the first phases of a \$54.4M Master Plan for Birdland Park and Marina.

| Expenditures             | 2022       | 2023           | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------|----------------|------------------|------------------|------------------|------------------|
| Planning/Design          | 778        |                |                  |                  |                  | 778              |
| Construction/Maintenance |            | 500,000        | 2,500,000        | 2,000,000        | 2,000,000        | 7,000,000        |
| <b>Total</b>             | <b>778</b> | <b>500,000</b> | <b>2,500,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>7,000,778</b> |

  

| Funding Sources                    | 2022 | 2023           | 2024             | 2025             | 2026             | Total            |
|------------------------------------|------|----------------|------------------|------------------|------------------|------------------|
| General Obligation Bonds           |      | 500,000        | 500,000          |                  |                  | 1,000,000        |
| Local Option Sales and Service Tax |      |                | 2,000,000        | 2,000,000        | 2,000,000        | 6,000,000        |
| <b>Total</b>                       |      | <b>500,000</b> | <b>2,500,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>7,000,000</b> |

**Budget Impact/Other**  
 Increased miles of trail infrastructure and expanded park amenities will result in an increased level of maintenance. City staff are responsible for trail and park maintenance.

Project # PK190 C040PK  
 Project Name Carlisle Connection Trail

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type One Phase  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward 4

UR Area

Grantee Various

**Description**

Total Project Cost: \$3,832,154

This project provides for design and construction of the Carlisle Trail Connection, the largest gap connecting the city of Des Moines north to south and beyond. Design, easement and property acquisition, coordination/collaboration with other agencies, permitting and construction documentation. Construction of the trail, neighborhood connections and related components including water quality improvement elements (FY23-24) have received more than \$1,690,914 million in successful grant funds to supplement CIP funding. Future grant applications include a request for an additional \$400,000 in grant funds to support the project.

**Justification**

This remaining segment will provide a full connection from north to south within the City of Des Moines and well beyond in both directions and will be a major accomplishment for the City's nationally recognized multi-use recreational trail system supporting both recreation and transportation in the region.

| Expenditures             | 2022          | 2023             | 2024             | 2025 | 2026 | Total            |
|--------------------------|---------------|------------------|------------------|------|------|------------------|
| Planning/Design          |               | 150,000          |                  |      |      | 150,000          |
| Land Acquisition         | 91,240        |                  |                  |      |      | 91,240           |
| Construction/Maintenance |               | 1,500,000        | 2,090,914        |      |      | 3,590,914        |
| <b>Total</b>             | <b>91,240</b> | <b>1,650,000</b> | <b>2,090,914</b> |      |      | <b>3,832,154</b> |

| Funding Sources                    | 2022           | 2023             | 2024             | 2025 | 2026 | Total            |
|------------------------------------|----------------|------------------|------------------|------|------|------------------|
| Federal                            |                |                  | 400,000          |      |      | 400,000          |
| Local Option Sales and Service Tax |                | 600,000          | 600,000          |      |      | 1,200,000        |
| State                              |                | 1,000,000        | 290,914          |      |      | 1,290,914        |
| Transfers In                       | 200,000        | 50,000           | 800,000          |      |      | 1,050,000        |
| <b>Total</b>                       | <b>200,000</b> | <b>1,650,000</b> | <b>2,090,914</b> |      |      | <b>3,940,914</b> |

**Budget Impact/Other**

Increased miles of trail infrastructure will result in an increased level of maintenance. City staff currently take care of the trail maintenance, some of the Carlisle Trail maintenance will be covered by 28E agreements with partner agencies.

Transfers In  
 FY22: \$200,000 PK045 Multi-Use Trails  
 FY23: \$50,000 SM057 City-Wide Storm Water Utility Projects  
 FY24: \$800,000 PK045 Multi-Use Trails

Project # PK193 C040PK  
 Project Name Central Place Levee Trail

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type Multi-Phase  
 Useful Life 20 years  
 Category Park & Trail Improvements

Ward 1,3  
 UR Area  
 Grantee Various

**Description** Total Project Cost: \$4,019,788  
 Phase 1 includes the construction of a new trail section between Rotary Riverwalk Park, a component of the Principal Riverwalk in downtown Des Moines, and the intersection of Franklin Avenue and 2nd Avenue in north-central Des Moines. Much of the trail alignment is atop a levee offering views of the Des Moines River greenway. The new trail will be a 10-foot wide asphalt section, approximately 1.8-miles in length. This project has already been awarded \$800,000 in grant dollars, additional grant applications are awaiting award announcement.

**Justification**  
 The Central Place Levee Trail is a multi-phase project with the ultimate goal of connecting the Inter-Urban and Trestle to Trestle Trails to the Principal Riverwalk on the west side of the Des Moines River to provide increased trail connectivity to neighborhoods which are currently not served by multi-use trails.

| Expenditures             | 2022 | 2023         | 2024           | 2025             | 2026             | Total            |
|--------------------------|------|--------------|----------------|------------------|------------------|------------------|
| Planning/Design          |      | 9,788        | 50,000         | 50,000           |                  | 109,788          |
| Construction/Maintenance |      |              | 700,000        | 1,530,000        | 1,680,000        | 3,910,000        |
| <b>Total</b>             |      | <b>9,788</b> | <b>750,000</b> | <b>1,580,000</b> | <b>1,680,000</b> | <b>4,019,788</b> |

  

| Funding Sources | 2022 | 2023           | 2024             | 2025             | 2026           | Total            |
|-----------------|------|----------------|------------------|------------------|----------------|------------------|
| Federal         |      |                | 1,000,000        | 300,000          | 500,000        | 1,800,000        |
| State           |      |                | 300,000          | 370,000          |                | 670,000          |
| Transfers In    |      | 150,000        | 350,000          | 635,000          | 415,000        | 1,550,000        |
| <b>Total</b>    |      | <b>150,000</b> | <b>1,650,000</b> | <b>1,305,000</b> | <b>915,000</b> | <b>4,020,000</b> |

**Budget Impact/Other**  
 Increased miles of trail infrastructure will result in an increased level of maintenance. City staff are responsible for trail maintenance.

Transfers In  
 FY23: \$150,000 PK045 Multi-Use Trails  
 FY24: \$350,000 PK045 Multi-Use Trails  
 FY25: \$635,000 PK045 Multi-Use Trails  
 FY26: \$415,000 PK045 Multi-Use Trails

Project # **PK195 C040PK**  
 Project Name **Fleur Drive Medians**  
 Ward **3** UR Area  
 Grantee

Department **Parks and Recreation**  
 Contact **Parks and Recreation Director**  
 Type **One Phase**  
 Useful Life **20 years**  
 Category **Park & Trail Improvements**

**Description** Total Project Cost: \$2,149,945

This project provides for the installation of irrigation and new, modified soil for medians along Fleur Drive from Army Post Road to Watrous Avenue, and from George Flagg Parkway north to M.L. King Parkway. The project also provides for modifications to the medians to address sight distance issues for turning vehicles along the corridor. The site distance issues and irrigation improvements along Fleur Drive from Park Avenue to Watrous Avenue are being addressed by the Road Construction project under a separate CIP sheet, Roadway Reconstruction - Fleur Drive. Medians 1-12 located between Watrous Avenue and Gray's Lake will be completed as part of the next Phase of Fleur Drive Reconstruction in 2021 and 2022. Median 13, located between Watrous Avenue and McKinley Avenue will be completed as part of the 3rd Phase of the Fleur Drive Reconstruction in 2023. The remaining Medians 14-17 located south of McKinley will also be included in the 3rd Phase of the Fleur Drive Reconstruction. The median planting, soil and plant material are the result of significant donor and grant funding which support these efforts. Medians 1-3 plantings have been completed and donor funds continue to be sought in support of the remaining median plantings.

**Justification**

These improvements will address sight distance safety issues for turning traffic. The installation of irrigation along the corridor will reduce staffing hours to water the medians along with reducing traffic congestion caused by the slow-moving water truck in the inside lane. This work also provides improved conditions supporting the longevity of the replacement plant materials that are anticipated to be donor provided.

| Expenditures             | 2022           | 2023             | 2024           | 2025 | 2026 | Total            |
|--------------------------|----------------|------------------|----------------|------|------|------------------|
| Construction/Maintenance | 393,149        | 596,285          | 125,000        |      |      | 1,114,434        |
| Transfers Out            | 451,796        | 583,715          |                |      |      | 1,035,511        |
| <b>Total</b>             | <b>844,945</b> | <b>1,180,000</b> | <b>125,000</b> |      |      | <b>2,149,945</b> |

  

| Funding Sources                    | 2022           | 2023             | 2024           | 2025 | 2026 | Total            |
|------------------------------------|----------------|------------------|----------------|------|------|------------------|
| General Obligation Bonds           | 750,000        | 400,000          |                |      |      | 1,150,000        |
| Local Option Sales and Service Tax | 105,000        |                  |                |      |      | 105,000          |
| Private                            | 99,999         | 675,000          | 125,000        |      |      | 899,999          |
| <b>Total</b>                       | <b>954,999</b> | <b>1,075,000</b> | <b>125,000</b> |      |      | <b>2,154,999</b> |

**Budget Impact/Other**

The maintenance of the irrigation system will need to be accounted for in the operating budget. However, there will be a reduction of costs associated with manually watering the medians along the corridor, by our contractual partner Des Moines Water Works.

Project # **PK 196 C040PK**  
 Project Name **Birdland Sports Complex Improvements**  
 Ward **2** UR Area  
 Grantee

Department Parks and Recreation  
 Contact Parks and Recreation Director  
 Type One Phase  
 Useful Life 25 years  
 Category Park & Trail Improvements

**Description** Total Project Cost: \$1,610,000  
 This funding request is for the following projects Birdland Sports Park tennis court reconstruction and expansion and construction of two basketball courts, including lighting improvements.

**Justification**  
 Des Moines is lower than national average for basketball court level of service. Birdland Sports Complex is utilized by North High School tennis team, local and regional Tennis Tournaments and multi-generational tennis programs. The tennis courts are in need of reconstruction. The basketball courts will provide additional programming and facilities. Court lighting will provide additional security and extended programming hours. A sports complex consisting of basketball courts, seven tennis courts coupled with the existing futsal courts will serve the community needs and generate revenue through special events and tournaments. Birdland Park is an ideal location that has supporting facilities, a central location, existing program and additional programming need.

| Expenditures             | 2022 | 2023          | 2024             | 2025 | 2026 | Total            |
|--------------------------|------|---------------|------------------|------|------|------------------|
| Planning/Design          |      | 50,000        | 110,000          |      |      | 160,000          |
| Construction/Maintenance |      |               | 1,450,000        |      |      | 1,450,000        |
| <b>Total</b>             |      | <b>50,000</b> | <b>1,560,000</b> |      |      | <b>1,610,000</b> |

  

| Funding Sources          | 2022 | 2023          | 2024             | 2025 | 2026 | Total            |
|--------------------------|------|---------------|------------------|------|------|------------------|
| General Obligation Bonds |      | 50,000        | 1,360,000        |      |      | 1,410,000        |
| Private                  |      |               | 200,000          |      |      | 200,000          |
| <b>Total</b>             |      | <b>50,000</b> | <b>1,560,000</b> |      |      | <b>1,610,000</b> |

**Budget Impact/Other**  
 Increased infrastructure of additional tennis courts and two new basketball courts will result in an increased level of maintenance. City staff are responsible for park grounds maintenance.

Project # **SS049 E104PW**  
 Project Name **Sanitary Sewer Lining and Repairs**

Department Sanitary Sewer  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 25 years  
 Category Sanitary Sewer Improvements

Ward All UR Area  
 Grantee

**Description**

This project provides for rehabilitation of major trunk sanitary sewers and lateral sanitary sewers that have not yet failed, but that are in an advanced state of deterioration due to age. These sewers will be lined by various techniques and depending upon the state of deterioration of the sewer, some spot repairs may be required. This project also provides funding for sewer repairs that are needed from time to time.

**Justification**

Some of the older brick sewers, as well as segmented clay tile sewers, are over 100 years old. Where applicable, lining of sewer mains has been proven to be a cost effective method of fixing deteriorating sewers, in lieu of digging up and replacing the main. The project should reduce maintenance costs, and the incidence of sewer back-ups.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|--------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Construction/Maintenance | 4,007,109        | 2,000,000        | 2,000,000        | 2,000,000        | 2,000,000        | 12,007,109        |
| Transfers Out            | 78,567           | 30,000           |                  |                  |                  | 108,567           |
| <b>Total</b>             | <b>4,085,676</b> | <b>2,030,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>12,115,676</b> |

  

| Funding Sources     | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|---------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Sanitary Sewer Fund | 2,000,000        | 2,000,000        | 2,000,000        | 2,000,000        | 2,000,000        | 10,000,000        |
| <b>Total</b>        | <b>2,000,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>10,000,000</b> |

**Budget Impact/Other**

This project will reduce infiltration and reduce backups. This will result in reduced flows sent to the WRA, reduced call for backups/slow flows, and reduced preventative maintenance costs (i.e. cleaning/televising). Maintenance is handled by the Sewer Maintenance Division of the Sanitary Sewer Enterprise fund (E101 PW247411).

Project # **SS120 E104PW**  
 Project Name **Sanitary Sewer Trunk Sewers**

Department Sanitary Sewer  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Sanitary Sewer Improvements

Ward 3

UR Area

Grantee

**Description**

Total Project Cost: \$4,999,955

This project is a combination of future sanitary sewer trunk sewer projects that will allow areas of the City to develop where there is currently insufficient sewer capacity. Future projects where timing is uncertain include: Bronze Street Trunk Sewer - construction of a trunk sanitary sewer for a portion of the annexed area of Warren County within the Highway 5 Corridor Study lying south of Bronze Street and east and west of County Road R 63; East Army Post Road Trunk Sewer - This project provides for the construction of a trunk sanitary sewer ranging in size from 10-inch to 15-inch to provide sanitary sewer service for the area lying north of East Army Post Road from the 3000 block to Indianola Avenue, and on the north and south sides of East Army Post Road from Indianola Avenue to the 1900 block of East Army Post Road; and Southeast Ridge Trunk Sewer - Multiple phases to provide sanitary sewer service to an area annexed in Warren County south of East County Line Road, and in Polk County east of S.E. 30th Street and south of Hart Avenue and West of Hwy-6. Connection fee districts will be established for each area.

**Justification**

Trunk sewer projects will allow for planned development of undeveloped areas of the City.

| Expenditures             | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------------------|------|------|------|------------------|
| Construction/Maintenance | 3,169,333        | 1,500,000        |      |      |      | 4,669,333        |
| Transfers Out            |                  | 330,622          |      |      |      | 330,622          |
| <b>Total</b>             | <b>3,169,333</b> | <b>1,830,622</b> |      |      |      | <b>4,999,955</b> |
| Funding Sources          | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
| Sanitary Sewer Fund      | 1,500,000        | 1,500,000        |      |      |      | 3,000,000        |
| <b>Total</b>             | <b>1,500,000</b> | <b>1,500,000</b> |      |      |      | <b>3,000,000</b> |

**Budget Impact/Other**

These projects will add substantial lineal feet of sanitary sewer that will need periodic cleaning and maintenance, which is handled by the Sewer Maintenance Division of the Sanitary Sewer Enterprise Fund (E101 PW247411).

Project # SS132 E104PW  
 Project Name Near West Side Sewer Separation

Department Sanitary Sewer  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Sanitary Sewer Improvements

Ward 1, 3  
 UR Area  
 Grantee

**Description** Total Project Cost: \$7,247,000  
 This project provides separating the sanitary and storm water sewer systems in the area roughly defined as south of Forest Ave., east of 31st St, north of Grand Ave and west of Martin Luther King Jr. Parkway.

**Justification**  
 This work is required in the 2010 State of Iowa / Iowa Department of Natural Resources Consent Order, Judgment and Decree to eliminate the combined sewer overflow at High St by 2023. This work will separate the sewer system in this area to help meet the nine minimum requirements included in the current NPDES permit issued to the City of Des Moines /WRA.

| Expenditures             | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------|------|------|------|------------------|
| Construction/Maintenance | 7,247,000        |      |      |      |      | 7,247,000        |
| <b>Total</b>             | <b>7,247,000</b> |      |      |      |      | <b>7,247,000</b> |

  

| Funding Sources                       | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|---------------------------------------|------------------|------|------|------|------|------------------|
| Sanitary Sewer Fund                   | 1,300,000        |      |      |      |      | 1,300,000        |
| Sanitary State Revolving Fund Loan    | 3,623,500        |      |      |      |      | 3,623,500        |
| Storm Water State Revolving Fund Loan | 3,623,500        |      |      |      |      | 3,623,500        |
| Storm Water Utility Fund              | 1,300,000        |      |      |      |      | 1,300,000        |
| <b>Total</b>                          | <b>9,847,000</b> |      |      |      |      | <b>9,847,000</b> |

**Budget Impact/Other**  
 This project will add additional sanitary infrastructure requiring future maintenance, including lift station and nearly 4,500 feet of sanitary sewer force main, which is handled by the Sewer Maintenance Division of the Storm Sewer Utility Enterprise Fund (E301 PW247413). This project is not expected to increase the amount of sanitary sewer mains that need to be maintained. The project will also substantially reduce the amount of flow sent to the Wastewater Reclamation Facility (WRF).

Project # **SS133 E104PW**  
 Project Name **Lower Oak Park and Highland Park Sewer Separation**

Department Sanitary Sewer  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Sanitary Sewer Improvements

Ward 2 UR Area  
 Grantee

**Description** Total Project Cost:  
 This project provides for construction of storm sewers in Lower Oak Park and Highland Park Combined Sewer System to remove the remaining storm inlets from the combined sewer system in an area roughly bounded by Seneca Ave on the north, the Des Moines River on the south, Cornell St. on the east, and the Des Moines River on the west.

**Justification**  
 This area lies upstream of the existing combined sewer overflow near the Birdland Marina. This work will separate the sewer system in this area in order to help meet the nine minimum requirements included in the current NPDES permit issued to the City of Des Moines /WRA. This work is required in the 2010 State of Iowa / Iowa Department of Natural Resources Consent Order, Judgment and Decree to eliminate the combined sewer overflow to the Des Moines River downstream of Birdland Marina.

| Funding Sources | 2022 | 2023           | 2024 | 2025 | 2026 | Total          |
|-----------------|------|----------------|------|------|------|----------------|
| Transfers In    |      | 185,854        |      |      |      | 185,854        |
| <b>Total</b>    |      | <b>185,854</b> |      |      |      | <b>185,854</b> |

**Budget Impact/Other**  
 This project will add storm sewer that will need periodic cleaning and maintenance, which is handled by the Sewer Maintenance Division of the Storm Sewer Utility Enterprise Fund (E301 PW247413). This project is not expected to increase the amount of sanitary sewer mains that need to be maintained. The project will also substantially reduce the amount of flow sent to the Wastewater Reclamation Facility (WRF).  
 This project is completed. A transfer in from SS120 is required to close this project out.

Project # SS137 E104PW  
 Project Name Little Four Mile Trunk Sanitary Sewer

Department Sanitary Sewer  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Sanitary Sewer Improvements

Ward 2 UR Area  
 Grantee

**Description** Total Project Cost:  
 This project provides for construction of a trunk sanitary sewer system to provide sanitary for a portion of the annexed area of Polk County lying north of the Iowa Interstate Railroad Right-of-Way, south of Broadway Avenue, west of Highway 65, and generally east of NE 48th Street on the north, and SE 50th Street on the South. A trunk sewer connection fee district will be established to provide for the collection of fees as the area develops.

**Justification**  
 The trunk sewer will allow the area to develop at the densities required to make the area an asset and to provide for the projected growth that is associated with Highway 65.

| Funding Sources | 2022 | 2023          | 2024 | 2025 | 2026 | Total         |
|-----------------|------|---------------|------|------|------|---------------|
| Transfers In    |      | 64,372        |      |      |      | 64,372        |
| <b>Total</b>    |      | <b>64,372</b> |      |      |      | <b>64,372</b> |

**Budget Impact/Other**  
 This project will add an estimated 8,200 feet of sanitary sewer that will need periodic cleaning and maintenance which is handled by the Sewer Maintenance Division of the Sanitary Sewer Enterprise fund (E101 PW247411) - funded primarily by Sanitary Sewer User Fees). It is estimated that every 800,000 feet of additional sewer main requires an additional crew to maintain the infrastructure. When the area is fully developed, it will generate an estimated \$2,300,000 in annual operating revenues.  
 This project is completed. A transfer in from SS120 is required to close this project out.

Project # SS138 E104PW  
 Project Name River Bend and King Irving Sewer Separation

Department Sanitary Sewer  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Sanitary Sewer Improvements

Ward 1 UR Area  
 Grantee

**Description** Total Project Cost: \$995,860  
 This project provides for construction of a storm sewer in River Bend and King Irving Combined Sewer system to remove the remaining storm sewer inlets from the combined sewer system in an area roughly bounded by Hickman Road on the north, I-235 on the south, 2nd avenue on the east, and 13th Street on the west.

**Justification**  
 This area lies upstream of the existing combined sewer overflow near the intersection of Franklin Avenue and 2nd Avenue. This work will separate the sewer system in this area in order to help meet the nine minimum requirements included in the current NPDES permit issued to the City of Des Moines/WRA in 2010. This work is required in the 2010 State of Iowa Department of Natural Resources Consent Order Judgment and Decree to eliminate the combined sewer overflow at Franklin Avenue and 2nd Avenue.

| Expenditures             | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|------|------|------|------|----------------|
| Construction/Maintenance | 995,860        |      |      |      |      | 995,860        |
| <b>Total</b>             | <b>995,860</b> |      |      |      |      | <b>995,860</b> |

**Budget Impact/Other**  
 This project is not expected to increase the amount of sanitary sewer mains that need to be maintained. The project will also substantially reduce the amount of flow sent to the Wastewater Reclamation Facility (WRF).

Project # **SS139 E104PW**  
 Project Name **Western Ingersoll Run Sewer Separation**

Department Sanitary Sewer  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Storm Water Improvements

Ward 1, 3  
 UR Area  
 Grantee

**Description** Total Project Cost: \$16,201,469  
 This project provides for construction of storm sewers in Western Ingersoll Run Combined Sewer System to remove the remaining storm inlets from the combined sewer system in an area roughly bounded by Grand Avenue on the south, Forest Avenue on the north, 31st Street on the east, and Polk Blvd on the west.

**Justification**  
 This area lies upstream of the existing combined sewer overflow on High St. This work will separate the sewer system in this area in order to help meet the nine minimum requirements included in the current NPDES permit issued to the City of Des Moines/WRA in 2010. This work is required in the 2010 State of Iowa / Iowa Department of Natural Resources Consent Order, Judgment and Decree to eliminate the combined sewer overflow at High St by 2023.

| Expenditures                       | 2022              | 2023             | 2024 | 2025 | 2026 | Total             |
|------------------------------------|-------------------|------------------|------|------|------|-------------------|
| Construction/Maintenance           | 14,201,469        | 2,000,000        |      |      |      | 16,201,469        |
| <b>Total</b>                       | <b>14,201,469</b> | <b>2,000,000</b> |      |      |      | <b>16,201,469</b> |
| Funding Sources                    | 2022              | 2023             | 2024 | 2025 | 2026 | Total             |
| Sanitary Sewer Fund                | 500,000           | 250,000          |      |      |      | 750,000           |
| Sanitary State Revolving Fund Loan | 13,580,427        | 1,750,000        |      |      |      | 15,330,427        |
| <b>Total</b>                       | <b>14,080,427</b> | <b>2,000,000</b> |      |      |      | <b>16,080,427</b> |

**Budget Impact/Other**  
 This project is not expected to increase the amount of sanitary sewer mains that need to be maintained. The project will also substantially reduce the amount of flow sent to the Wastewater Reclamation Facility (WRF).

Project # SS140 E104PW  
 Project Name Market District Lift Station and Force Main

Department Sanitary Sewer  
 Contact Public Works Director  
 Type One Phase  
 Useful Life 50 years  
 Category Sanitary Sewer Improvements

Ward 4 UR Area  
 Grantee

**Description** Total Project Cost:  
 The Market District Study in the Miscellaneous section of the CIP and includes an analysis of existing infrastructure and recommendations regarding infrastructure needed to support the master planning and refine the scope of sanitary sewer system improvements required to serve the Market District proposed development. Analysis from the ongoing study was used to identify immediate needs for sanitary sewer and pump station improvements included in this project.

**Justification**  
 The City has started a Market District Study that will consist of master planning and an infrastructure analysis for a redevelopment area in a portion of the downtown Historic East Village neighborhood which includes the area referred to as the Market District. There are several active developments underway in the Market District. The City does not have sewer capacity available to support the development demand; therefore, development of various parcels in the Market District are on hold until sanitary sewer service can be provided.

| Funding Sources | 2022 | 2023          | 2024 | 2025 | 2026 | Total         |
|-----------------|------|---------------|------|------|------|---------------|
| Transfers In    |      | 80,396        |      |      |      | 80,396        |
| <b>Total</b>    |      | <b>80,396</b> |      |      |      | <b>80,396</b> |

**Budget Impact/Other**  
 Additional sanitary infrastructure requiring future maintenance, including lift station and nearly 4,500 feet of sanitary sewer force main.  
 This project is completed. A transfer in from SS120 is required to close this project out.

Project # SM057 E304PW  
 Project Name City-wide Storm Water Utility Projects

Department Storm Water  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 25 years  
 Category Storm Water Improvements

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$13,322,948  
 This project provides funding for minor projects and emergency repairs of the City Storm Water system. Also included are studies and projects targeted at priority small watersheds as well development of a new stormwater master plan.

**Justification**  
 Funding needs to be provided to address emergency/unanticipated repair/replacement needs of the Storm Water system (pipes, equipment, levee repairs, etc.) that arise from time to time. Master planning will lead to more proactive repairs and improvements over time.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|--------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Construction/Maintenance | 5,096,067        | 2,500,000        | 1,500,000        | 1,500,000        | 1,500,000        | 12,096,067        |
| Transfers Out            | 876,881          | 350,000          |                  |                  |                  | 1,226,881         |
| <b>Total</b>             | <b>5,972,948</b> | <b>2,850,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>13,322,948</b> |

  

| Funding Sources           | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|---------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Storm Water Revenue Bonds | 2,000,000        | 2,500,000        |                  |                  |                  | 4,500,000        |
| Storm Water Utility Fund  | 500,000          |                  | 1,500,000        | 1,500,000        | 1,500,000        | 5,000,000        |
| Transfers In              | 148,800          |                  |                  |                  |                  | 148,800          |
| <b>Total</b>              | <b>2,648,800</b> | <b>2,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>9,648,800</b> |

**Budget Impact/Other**  
 This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.  
 FY2023 Transfers In From:  
 Recreation Trails - PK045 - \$148,800

Project # SM061 E304PW  
 Project Name Easter Lake Watershed Improvements

Ward 3, 4 UR Area  
 Grantee

Department Storm Water  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Storm Water Improvements

**Description** Total Project Cost: \$1,196,732  
 This project provides for improvements to address structural and capacity deficiencies in the storm sewer system as well as water quality improvements identified in the Easter Lake Water Quality Management Plan. Remaining projects include Yeader Creek Stream Stabilization Improvements - Phase 2, 3-Lakes Estates Dredging, and SW 14th Street BioSwales.

**Justification**  
 This will protect the lake as a recreational asset by mitigating sediment and nutrient contribution in run-off.

| Expenditures             | 2022           | 2023           | 2024 | 2025 | 2026 | Total            |
|--------------------------|----------------|----------------|------|------|------|------------------|
| Construction/Maintenance | 602,249        |                |      |      |      | 602,249          |
| Transfers Out            |                | 594,483        |      |      |      | 594,483          |
| <b>Total</b>             | <b>602,249</b> | <b>594,483</b> |      |      |      | <b>1,196,732</b> |

**Budget Impact/Other**  
 This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.

Project # SM068 E304PW  
 Project Name Closes Creek Watershed Improvements

Department Storm Water  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Storm Water Improvements

Ward 1 UR Area  
 Grantee

**Description** Total Project Cost: \$14,162,997  
 This project provides for improvements to address structural and capacity deficiencies, and drainage complaints in the 1,500-acre Closes Creek watershed. This project will increase storm sewer capacity as well as provide detention to reduce peak stormwater runoff.

**Justification**  
 A watershed study, accepted by the City Council in 2001-02 identified these needs as one of the City's top priorities of the City's Storm Sewer Utility. (Roll Call 02-223)

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026 | Total             |
|--------------------------|------------------|------------------|------------------|------------------|------|-------------------|
| Construction/Maintenance | 5,162,997        | 4,000,000        | 2,500,000        | 2,500,000        |      | 14,162,997        |
| <b>Total</b>             | <b>5,162,997</b> | <b>4,000,000</b> | <b>2,500,000</b> | <b>2,500,000</b> |      | <b>14,162,997</b> |

  

| Funding Sources           | 2022             | 2023             | 2024             | 2025             | 2026 | Total             |
|---------------------------|------------------|------------------|------------------|------------------|------|-------------------|
| Storm Water Revenue Bonds | 4,000,000        | 4,000,000        | 2,500,000        | 2,500,000        |      | 13,000,000        |
| Transfers In              | 350,000          | 1,926,093        |                  |                  |      | 2,276,093         |
| <b>Total</b>              | <b>4,350,000</b> | <b>5,926,093</b> | <b>2,500,000</b> | <b>2,500,000</b> |      | <b>15,276,093</b> |

**Budget Impact/Other**  
 This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.

FY2022 Transfer In From:  
 ST800 - \$350,000

FY2023 Transfers In From:  
 Franklin Ave - Beaver Ave to Merle Hay - ST286 - \$1,100,000  
 Easter Lake Watershed Imp - SM061 - \$594,483  
 Leetown Creekway - Outlet Imp - SM075 - \$130,934  
 Gray's Station Detention Basin - SM135 - \$100,676

Project # SM073 E304PW  
 Project Name Storm Water Pump Station Rehabilitation

Department Storm Water  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 20 years  
 Category Storm Water Improvements

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$6,491,835  
 This project provides for replacement of pumps, trash racks, and other pump station infrastructure and equipment throughout the City. Resources are included to replace the aging hardware/software of the Supervisory Control and Data Acquisition (SCADA) System which monitors and reports to the WRF Process Control System (PCS) through radio telemetry. The existing infrastructure at the 24 sanitary and 32 storm water pump station locations installed between the late 1980's to early 1990's can no longer be supported and must be updated to current technology to assure long term environmental compliance.

**Justification**  
 These projects will help to reduce operating costs, and help improve the reliability of pump stations.

| Expenditures             | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------|------|------|------|------------------|
| Construction/Maintenance | 6,491,835        |      |      |      |      | 6,491,835        |
| <b>Total</b>             | <b>6,491,835</b> |      |      |      |      | <b>6,491,835</b> |

| Funding Sources           | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|---------------------------|------------------|------|------|------|------|------------------|
| Storm Water Revenue Bonds | 5,000,000        |      |      |      |      | 5,000,000        |
| <b>Total</b>              | <b>5,000,000</b> |      |      |      |      | <b>5,000,000</b> |

**Budget Impact/Other**  
 This project is not anticipated to have a significant impact on the operating budget (E301 PW247414 - PW Storm Pump Stations). However, it should reduce expenses that were incurred before in the area for high water events.

Project # SM074 E304PW  
 Project Name Crawford Creek Improvements

Department Storm Water  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Storm Water Improvements

Ward 4 UR Area  
 Grantee

**Description** Total Project Cost: \$959,880  
 This project provides for the replacement of aging and under capacity storm sewers in the Crawford Creek Watershed on the southeast side of Des Moines. The project area is roughly bounded by South Union St on the east, Thorton Ave on the south, SW 9th St on the west and Hughes Ave on the north. Funding is included for additional study and property acquisitions related to Phases 5 & 6, which are the final phases that will complete the work defined in the original study. Timing of construction projects will be determined pending completion of the Citywide Stormwater Master Plan.

**Justification**  
 A watershed study, accepted by the City Council in 2001-2002 identified these needs as one of the City's top priorities for the City's Storm Sewer Utility. (Roll Call 02-223).

| Expenditures     | 2022           | 2023           | 2024           | 2025           | 2026 | Total          |
|------------------|----------------|----------------|----------------|----------------|------|----------------|
| Land Acquisition | 359,880        | 200,000        | 200,000        | 200,000        |      | 959,880        |
| <b>Total</b>     | <b>359,880</b> | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> |      | <b>959,880</b> |

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026 | Total          |
|--------------------------|----------------|----------------|----------------|----------------|------|----------------|
| Storm Water Utility Fund | 200,000        | 200,000        | 200,000        | 200,000        |      | 800,000        |
| <b>Total</b>             | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> | <b>200,000</b> |      | <b>800,000</b> |

**Budget Impact/Other**  
 This project is not anticipated to have a significant impact on the operating budget (E301 PW2474163 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.

Project # SM075 E304PW  
 Project Name Leetown Creekway - Outlet Improvements

Department Storm Water  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Storm Water Improvements

Ward 2, 4  
 UR Area  
 Grantee

**Description** Total Project Cost: \$261,868  
 This project provides for storm sewer and drainage way improvements to the area south of East University Avenue to reduce flooding risk in this area. Improvements include a concrete box storm sewer between University Avenue and Union Pacific Railroad south of Dean Avenue.

**Justification**  
 These improvements were recommended as part of the Leetown Creekway Flood Control Study. To protect residents in this area from flooding. These projects are considered a priority because this area is prone to flooding.

| Expenditures             | 2022           | 2023           | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|----------------|------|------|------|----------------|
| Construction/Maintenance | 130,934        |                |      |      |      | 130,934        |
| Transfers Out            |                | 130,934        |      |      |      | 130,934        |
| <b>Total</b>             | <b>130,934</b> | <b>130,934</b> |      |      |      | <b>261,868</b> |

**Budget Impact/Other**  
 This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.

Project # SM087 E304PW  
 Project Name Flood Mitigation Improvements

Department Storm Water  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Storm Water Improvements

Ward 3, 4 UR Area  
 Grantee

**Description** Total Project Cost: \$49,611,203

Following the significant flooding of 2008, the U.S. Army Corps of Engineers (USACE) updated the Des Moines River Regulated Flow Frequency Study to better identify and communicate the probability of flood events along the Des Moines River. The study results indicated that the flood flow frequencies increased over previous estimates. It is anticipated that application of these updated flows to the Des Moines River hydraulic model will result in increased Base Flood Elevations (BFE's) in future Federal Emergency Management Administration (FEMA) Flood Insurance Studies. Projects have been identified to mitigate the effects of increased flood flows on regulatory BFE's and ensure future FEMA accreditation of existing levee systems. State flood mitigation grants will help fund the majority of these improvements. Improvements include levee and flood wall improvements, bridge/structure modifications, and interior drainage improvements including pump stations and storm sewers. The timing of the improvements in the plan years are subject to change pending on the amount and timing of any grants.

**Justification**

These projects will increase the level of flood protection for Des Moines.

| Expenditures              | 2022              | 2023              | 2024             | 2025             | 2026             | Total             |
|---------------------------|-------------------|-------------------|------------------|------------------|------------------|-------------------|
| Construction/Maintenance  | 18,186,203        | 11,625,000        | 7,100,000        | 7,100,000        | 5,600,000        | 49,611,203        |
| <b>Total</b>              | <b>18,186,203</b> | <b>11,625,000</b> | <b>7,100,000</b> | <b>7,100,000</b> | <b>5,600,000</b> | <b>49,611,203</b> |
| Funding Sources           | 2022              | 2023              | 2024             | 2025             | 2026             | Total             |
| Sales Tax Increment Fund  | 1,942,353         | 1,863,107         | 1,774,875        | 1,707,217        | 1,650,471        | 8,938,023         |
| Storm Water Revenue Bonds | 9,500,000         | 6,700,000         | 3,100,000        | 3,700,000        |                  | 23,000,000        |
| Storm Water Utility Fund  | 182,647           | 3,061,893         | 2,225,125        | 1,692,783        | 3,949,529        | 11,111,977        |
| <b>Total</b>              | <b>11,625,000</b> | <b>11,625,000</b> | <b>7,100,000</b> | <b>7,100,000</b> | <b>5,600,000</b> | <b>43,050,000</b> |

**Budget Impact/Other**

This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.

Project # SM133 E304PW  
 Project Name Hamilton Drainage Area Improvements  
 Ward 2 UR Area  
 Grantee

Department Storm Water  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Storm Water Improvements

**Description** Total Project Cost: \$20,470,000  
 This project provides for improvements addressing structural and capacity deficiencies in the Hamilton Drainage area. These improvements will reduce the number of drainage problems in this area. Storm sewer improvements are recommended to replace a deteriorating wooden box storm sewer. A watershed study has been completed including recommendations for both conveyance and detention improvements.

**Justification**  
 These improvements were recommended in the Hamilton Drain Storm Water Analysis.

| Expenditures              | 2022             | 2023             | 2024             | 2025             | 2026 | Total             |
|---------------------------|------------------|------------------|------------------|------------------|------|-------------------|
| Construction/Maintenance  | 6,100,000        | 4,930,000        | 4,400,000        | 5,040,000        |      | 20,470,000        |
| <b>Total</b>              | <b>6,100,000</b> | <b>4,930,000</b> | <b>4,400,000</b> | <b>5,040,000</b> |      | <b>20,470,000</b> |
| Funding Sources           | 2022             | 2023             | 2024             | 2025             | 2026 | Total             |
| Storm Water Revenue Bonds | 6,100,000        | 4,500,000        | 900,000          | 3,000,000        |      | 14,500,000        |
| Storm Water Utility Fund  |                  | 430,000          | 3,500,000        | 2,040,000        |      | 5,970,000         |
| <b>Total</b>              | <b>6,100,000</b> | <b>4,930,000</b> | <b>4,400,000</b> | <b>5,040,000</b> |      | <b>20,470,000</b> |

**Budget Impact/Other**  
 This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.

Project # SM134 E304PW  
 Project Name Levee Maintenance and Improvements  
 Ward 3, 4 UR Area  
 Grantee

Department Storm Water  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Storm Water Improvements

**Description** Total Project Cost: \$2,511,186  
 Ongoing maintenance of the levee and flood wall systems is necessary in order to ensure they perform as expected during flood events. System improvements will be evaluated by City and US Army Corps of Engineers as needed to meet current design standards.

**Justification**  
 Levee system must meet FEMA accreditation standards and US Army Corps of Engineers PL84-99 eligibility standards.

| Expenditures             | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------|------|------|------|------------------|
| Construction/Maintenance | 2,511,186        |      |      |      |      | 2,511,186        |
| <b>Total</b>             | <b>2,511,186</b> |      |      |      |      | <b>2,511,186</b> |

**Budget Impact/Other**  
 This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance).  
 SM134 - Levee Maintenance and Improvements funding depends on United States Army Corps of Engineers assessment.

Project # SM135 E304PW  
 Project Name Gray's Station Detention Basins

Department Storm Water  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 50 years  
 Category Storm Water Improvements

Ward 2

UR Area

Grantee

**Description**

Total Project Cost: \$202,460

The proposed Raccoon River area project will provide for the retrofitting of the three (3) existing basins in the area (the two {2} dry basins, referenced above, are owned by the City of Des Moines; the eastern wet basin is owned by DART) into a constructed, functioning wetland system.

**Justification**

The proposed water quality project will be required to retain capacity and function for regional stormwater management, but will offer a unique opportunity to begin to re-introduce the area as a place for the protection of water quality, public education and engagement, passive recreation and a demonstration site for natural infiltration of pollutants and using stormwater as a critical resource, rather than managing it as a waste product. The benefit to urban populations will be an attractive water feature with public access and improved water quality within the Raccoon River. The benefit to rural populations will be improved water quality within the Des Moines River and Red Rock Lake, which would be enhanced should this practice be combined with other watershed scale improvements.

| Expenditures             | 2022           | 2023           | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|----------------|------|------|------|----------------|
| Construction/Maintenance | 101,784        |                |      |      |      | 101,784        |
| Transfers Out            |                | 100,676        |      |      |      | 100,676        |
| <b>Total</b>             | <b>101,784</b> | <b>100,676</b> |      |      |      | <b>202,460</b> |

**Budget Impact/Other**

The facility, when complete, will need to be maintained by a combination of Public Works and Park & Rec Department staff. The facility's low impact design intentions will provide for lower maintenance once the wetland and native plants systems are fully established than traditional mowed facilities.

Project # SM137 E304PW  
 Project Name George Flagg Parkway Levee Replacement Study

Department Storm Water  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life  
 Category Storm Water Improvements

Ward 3  
 UR Area  
 Grantee

**Description** Total Project Cost: \$100,000  
 This project provides for the replacement of the panel type levee closure across George Flagg Parkway near Fleur Drive. It is recommended that it be replaced with a roller gate type closure similar to what is installed at Ding Darling Park on Saylor Road near Guthrie Ave. This provides funding for the study. Additional funding will be needed depending on the result of the study.

**Justification**  
 The existing panel closure was originally installed in 1996. It is the largest panel closure in the levee system and one of the oldest. It is difficult to install and typically takes 5 to 7 hour to assemble. There is a significant risk that the levee closure may not be installed in time to prevent flooding during rapidly rising river conditions. This levee closure protects approximately 150 acres of property including Des Moines Water Works Administration and multiple commercial properties. A new closure will reduce the time to install the closure and improve flood fighting preparedness.

| Expenditures             | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|------|------|------|------|----------------|
| Planning/Design          | 100,000        |      |      |      |      | 100,000        |
| <b>Total</b>             | <b>100,000</b> |      |      |      |      | <b>100,000</b> |
| Funding Sources          | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
| Storm Water Utility Fund | 100,000        |      |      |      |      | 100,000        |
| <b>Total</b>             | <b>100,000</b> |      |      |      |      | <b>100,000</b> |

**Budget Impact/Other**  
 Since the levee closures are activated only occasionally during high river events, the project is not anticipated to have a significant impact on the operating budget.

Project # **ST003 C038PW**  
 Project Name **Public Works - Asphalt Road Improvements**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Street Reconstruction

Ward All  
 UR Area Metro Center  
 Grantee

**Description** Total Project Cost: \$6,320,591  
 This project provides funds for Public Works crews work for partial and full depth patching, surface milling, and hot mix asphalt (HMA) overlay on residential and arterial streets. Tax Increment Bonds fund work in the Metro Center Tax District. Funding levels allow for approximately 65,000 SY (80 residential blocks) of work per year.

**Justification**  
 The city has 213 miles of arterial and 700 miles of residential streets. Only 40 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the condition of streets in their neighborhood, and rank improving the condition of major and neighborhood streets as the top two priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Construction/Maintenance | 1,093,568        | 1,102,023        | 1,375,000        | 1,375,000        | 1,375,000        | 6,320,591        |
| <b>Total</b>             | <b>1,093,568</b> | <b>1,102,023</b> | <b>1,375,000</b> | <b>1,375,000</b> | <b>1,375,000</b> | <b>6,320,591</b> |

  

| Funding Sources             | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| General Obligation Bonds    | 750,000          | 750,000          | 750,000          | 750,000          | 750,000          | 3,750,000        |
| Road Use Tax Fund           | 250,000          | 250,000          | 250,000          | 250,000          | 250,000          | 1,250,000        |
| Tax Increment Funding Bonds | 375,000          | 375,000          | 375,000          | 375,000          | 375,000          | 1,875,000        |
| <b>Total</b>                | <b>1,375,000</b> | <b>1,375,000</b> | <b>1,375,000</b> | <b>1,375,000</b> | <b>1,375,000</b> | <b>6,875,000</b> |

**Budget Impact/Other**  
 This project will reduce claims against the City related to defective and/or deteriorating right-of-way infrastructure. The project will help reduce maintenance expenses in the Road Use Fund for crack sealing, and other preventative maintenance activities.

Project # ST013 C038EG  
 Project Name Roadway Rehabilitation - Residential

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Street Reconstruction

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$9,751,889  
 This project provides for a continuing program to pave and rehabilitate residential streets corresponding to Public Works 5-year Plan. A consultant may be retained to provide surveying and/or soil testing services, depending on Engineering Department workload. Improvements include addressing macadam streets, which are seal coat streets over a rock base between curb and gutters. These improvements include removing the seal coat material and replacing a pavement between existing curb and gutters.

**Justification**  
 This project provides for the timely maintenance of streets utilizing surface scarification and full depth paving to improve the surface condition, extend the useful service life of the streets. These projects address citizen concerns about street conditions.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Construction/Maintenance | 3,551,889        | 1,500,000        | 1,500,000        | 1,500,000        | 1,500,000        | 9,551,889        |
| Transfers Out            | 200,000          |                  |                  |                  |                  | 200,000          |
| <b>Total</b>             | <b>3,751,889</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>9,751,889</b> |

  

| Funding Sources          | 2022           | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|----------------|------------------|------------------|------------------|------------------|------------------|
| Des Moines Water Works   | 18,500         |                  |                  |                  |                  | 18,500           |
| General Obligation Bonds |                | 1,500,000        | 1,500,000        | 1,500,000        | 1,500,000        | 6,000,000        |
| Transfers In             | 391,470        |                  |                  |                  |                  | 391,470          |
| <b>Total</b>             | <b>409,970</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>6,409,970</b> |

**Budget Impact/Other**  
 The operating budget will increase due to pavement maintenance costs. These increases will be more than offset by a significant reduction in surface maintenance costs. All of the operating expenses are funded mostly by Road Use Tax receipts.

Transfers In  
 SM057 Citywide Stormwater - \$157,885  
 ST269 Active Transport \$21,640  
 TR031 Traffic Studies \$166,643

Project # **ST065 C038EG**  
 Project Name **PCC Pavement Replacement Program**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 25 years  
 Category Street Reconstruction

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$2,092,761  
 This project provides for removal and replacement of failed portions, or entire sections, of portland cement concrete and brick streets.

**Justification**  
 This project provides for the timely maintenance of streets using full replacement, partial and full depth PCC patches to improve the surface condition and extend the useful service life of streets. These projects also address citizen concerns about street conditions.

| Expenditures             | 2022           | 2023             | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|------------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 407,761        | 1,010,000        | 225,000        | 225,000        | 225,000        | 2,092,761        |
| <b>Total</b>             | <b>407,761</b> | <b>1,010,000</b> | <b>225,000</b> | <b>225,000</b> | <b>225,000</b> | <b>2,092,761</b> |
| Funding Sources          | 2022           | 2023             | 2024           | 2025           | 2026           | Total            |
| General Obligation Bonds | 225,000        | 225,000          | 225,000        | 225,000        | 225,000        | 1,125,000        |
| Road Use Tax Fund        | 460,000        |                  |                |                |                | 460,000          |
| <b>Total</b>             | <b>685,000</b> | <b>225,000</b>   | <b>225,000</b> | <b>225,000</b> | <b>225,000</b> | <b>1,585,000</b> |

**Budget Impact/Other**  
 This project will reduce claims against the City related to defective and/or deteriorating right-of-way infrastructure. The project will also help reduce maintenance expenses in the Road Use Fund for crack sealing, and other preventative maintenance activities all of which are funded almost entirely by Road Use Tax Receipts.

Project # **ST102 C038PW**  
 Project Name **Public Works - Concrete Street and Curb Rehab**

Department Street  
 Contact Public Works Director  
 Type Ongoing  
 Useful Life 25 years  
 Category Street Reconstruction

Ward All  
 UR Area  
 Grantee

**Description**

Total Project Cost: \$10,456,551

This project provides for preventive maintenance of concrete streets, including panel removal and replacement, full depth patching, and curb replacement. Budgeted funds are targeted for approximately 5,000 SY of work to be done solely by Public Works Department crews, with an additional 6,000 SY of work performed by City crews and private contractors. The estimated cost for concrete pavement restoration is \$70,000 per mile.

**Justification**

The City has approximately 450 miles of portland cement concrete streets. Only 40 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the condition of streets in their neighborhood, and rank improving the condition of major and neighborhood streets as the top two priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|--------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Construction/Maintenance | 1,956,551        | 1,625,000        | 2,125,000        | 2,125,000        | 2,125,000        | 9,956,551         |
| Transfers Out            |                  | 500,000          |                  |                  |                  | 500,000           |
| <b>Total</b>             | <b>1,956,551</b> | <b>2,125,000</b> | <b>2,125,000</b> | <b>2,125,000</b> | <b>2,125,000</b> | <b>10,456,551</b> |

  

| Funding Sources          | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|--------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| General Obligation Bonds | 1,400,000        | 1,400,000        | 1,400,000        | 1,400,000        | 1,400,000        | 7,000,000         |
| Road Use Tax Fund        | 725,000          | 725,000          | 725,000          | 725,000          | 725,000          | 3,625,000         |
| <b>Total</b>             | <b>2,125,000</b> | <b>2,125,000</b> | <b>2,125,000</b> | <b>2,125,000</b> | <b>2,125,000</b> | <b>10,625,000</b> |

**Budget Impact/Other**

The Road Use Tax fund (S360) is reimbursed about \$280,000 annually (FY2018 dollars) for labor and equipment of Public Works crews performing the work in this project.

Project # **ST139 C038EG**  
 Project Name **Railroad Crossing Surface Repairs & Signal Improv.**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Street Reconstruction

Ward All  
 UR Area  
 Grantee

**Description**

Total Project Cost: \$805,230

This project provides for a cooperative effort between the City, railroad companies and the Iowa Department of Transportation to repair railroad street crossings and crossing signals. Under the Federal Grade Crossing Safety Improvement fund, the funding provides 90 percent of the total project cost and requires 10 percent funding by the City or the railroad. Under the IDOT Rail/Highway Crossing Safety Fund, the City and the railroads each would contribute 20 percent of the costs, and the IDOT would contribute 60 percent. Some railroad crossings will be repaired with the City reimbursing the railroads for 50 to 100 percent of the cost. This project also includes the railroad crossing improvements at E 18th.

**Justification**

Railroad crossings in bad condition can be dangerous, result in unnecessary wear and tear on vehicles, and can result in numerous complaints. The condition of the crossings can also have an effect on emergency response times.

| Expenditures             | 2022           | 2023           | 2024           | 2025           | 2026           | Total          |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Construction/Maintenance | 205,230        | 100,000        | 100,000        | 300,000        | 100,000        | 805,230        |
| <b>Total</b>             | <b>205,230</b> | <b>100,000</b> | <b>100,000</b> | <b>300,000</b> | <b>100,000</b> | <b>805,230</b> |
| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total          |
| Federal                  | 50,000         |                |                |                |                | 50,000         |
| General Obligation Bonds | 100,000        | 100,000        | 100,000        | 100,000        | 100,000        | 500,000        |
| Transfers In             |                |                |                | 200,000        |                | 200,000        |
| <b>Total</b>             | <b>150,000</b> | <b>100,000</b> | <b>100,000</b> | <b>300,000</b> | <b>100,000</b> | <b>750,000</b> |

**Budget Impact/Other**

Other than helping to reduce claims against the City related to defective and/or deteriorating right-of-way infrastructure, this project will have a negligible impact on the operating departments impacted - all of which are funded mainly by Road Use Tax Receipts.

Transfers In  
 ST800 LOSST - \$200,000 (FY25)

Project # **ST212 C038EG**  
 Project Name **McKinley Ave Improvements**

Department Street  
 Contact City Engineer  
 Type Multi-Phase  
 Useful Life 50 years  
 Category Street Reconstruction

Ward 3, 4 UR Area  
 Grantee

**Description** Total Project Cost: \$10,234,933

This project provides for the reconstruction of McKinley Avenue/East McKinley Avenue from Fleur Drive to E. Indianola Avenue. The roadway will also be improved to urban standards including the construction of curbs, sidewalk, and storm sewer where needed. Improvements have been completed from SE 14th Street to South Union Street. These improvements included a modified access to the shopping center at SE 14th Street along McKinley Avenue. The next phase of this project from South Union Street to SW 9th Street is planned for FY2023-FY2024. The phase from South Union Street to SW 9th Street will include a 27-foot-wide urban roadway with a 10 foot trail on the north side of the road and a 5 foot sidewalk along the south side. Future phases include SW 9th Street to SW 14th Street and SW 14th Street to Fleur Drive.

**Justification**

The project will help accommodate traffic demands on this collector roadway and address deteriorating pavement conditions.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|--------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Construction/Maintenance | 1,234,933        | 4,300,000        | 1,000,000        | 2,700,000        | 1,000,000        | 10,234,933        |
| <b>Total</b>             | <b>1,234,933</b> | <b>4,300,000</b> | <b>1,000,000</b> | <b>2,700,000</b> | <b>1,000,000</b> | <b>10,234,933</b> |
| Funding Sources          | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
| General Obligation Bonds | 1,800,000        | 3,300,000        | 1,000,000        | 2,700,000        | 1,000,000        | 9,800,000         |
| <b>Total</b>             | <b>1,800,000</b> | <b>3,300,000</b> | <b>1,000,000</b> | <b>2,700,000</b> | <b>1,000,000</b> | <b>9,800,000</b>  |

**Budget Impact/Other**

Funding for the maintenance of City streets, including snow plowing, is funded almost entirely by Road Use Tax receipts. The increase in pavement markings and additional signage will increase the maintenance needs such as additional staffing, materials, and fleet equipment during the life of these improvements.

Project # **ST217 C038PW**  
 Project Name **Roadway Rehabilitation - Collector**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Street Reconstruction

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$12,531,714  
 This project provides for partial and full depth patching, diamond grinding, surface milling and hot mix asphalt (HMA) overlays, and other maintenance techniques on arterial and residential streets. This project is city-wide in scope and based upon the Public Works Department's five year plan.

**Justification**  
 This project provides for the timely maintenance of streets utilizing surface scarification and full depth paving to improve the surface condition, extend the useful service life of the streets. These projects address citizen concerns about street conditions.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|--------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Construction/Maintenance | 1,962,959        | 2,138,755        | 2,750,000        | 2,750,000        | 2,750,000        | 12,351,714        |
| Transfers Out            | 180,000          |                  |                  |                  |                  | 180,000           |
| <b>Total</b>             | <b>2,142,959</b> | <b>2,138,755</b> | <b>2,750,000</b> | <b>2,750,000</b> | <b>2,750,000</b> | <b>12,531,714</b> |

  

| Funding Sources | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|-----------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Gaming Monies   | 2,750,000        | 2,750,000        | 2,750,000        | 2,750,000        | 2,750,000        | 13,750,000        |
| Transfers In    | 111,547          |                  |                  |                  |                  | 111,547           |
| <b>Total</b>    | <b>2,861,547</b> | <b>2,750,000</b> | <b>2,750,000</b> | <b>2,750,000</b> | <b>2,750,000</b> | <b>13,861,547</b> |

**Budget Impact/Other**  
 This project will reduce claims against the City related to defective and/or deteriorating right-of-way infrastructure. The project will also help reduce maintenance expenses in the Road Use Fund for crack sealing, and other preventative maintenance activities all of which are funded almost entirely by Road Use Tax Receipts.

Transfers In  
 PK185 Playgrounds - \$45,862  
 PK175 Recreation Trails - \$65,685

Project # **ST252 C038EG**  
 Project Name **Walnut Streetscape**

Department Street  
 Contact City Engineer  
 Type Multi-Phase  
 Useful Life 50 years  
 Category Street Reconstruction

Ward 3  
 UR Area Metro Center  
 Grantee

**Description**

Total Project Cost: \$582,126

DART's new transit hub on Cherry Street between 6th and 7th Streets opened in 2012. Since that time, the Walnut Street Transit Mall is no longer needed. This project completed the streetscape project between 5th and 8th Streets. It is anticipated that the streetscape project will be completed in phases between 2nd Avenue and 10th Street as time and funding allow.

**Justification**

The current transit mall was constructed in 1985 and has outlived its usefulness. The renovation of Walnut Street will improve the existing roadway infrastructure.

| Expenditures  | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|---------------|----------------|------|------|------|------|----------------|
| Transfers Out | 582,126        |      |      |      |      | 582,126        |
| <b>Total</b>  | <b>582,126</b> |      |      |      |      | <b>582,126</b> |

**Budget Impact/Other**

This project is anticipated to have a very slight impact on the operating budget.

Project # **ST256 C038EG**  
 Project Name **Southeast Connector - SE 30th St to US 65**

Department Street  
 Contact City Engineer  
 Type Multi-Phase  
 Useful Life 50 years  
 Category Street Construction

Ward 4

UR Area

Grantee

**Description**

Total Project Cost: \$61,408,065

This project provides for the extension of the Southeast Connector and east/west segment of Martin Luther King Jr. Parkway from SE 30th Street to US 65. The project is a joint effort with Pleasant Hill. Due to limited funding, the plan period provides for design and right of way acquisition. Construction of the mainline will not be expected to occur until at least 2023-2024. A RAISE Grant application will be resubmitted in 2022. The SE Connector project will be designed and constructed in coordination with SE 30th Street north to the Railroad Viaduct.

**Justification**

The Environmental Impact Statement for the Southeast Connector from SE 14th (US 69) to US 65 was approved by FHWA on May 27, 2010. Coordination with Pleasant Hill and securing right of way for the corridor is needed in advance of construction.

| Expenditures             | 2022              | 2023              | 2024              | 2025             | 2026             | Total             |
|--------------------------|-------------------|-------------------|-------------------|------------------|------------------|-------------------|
| Planning/Design          | 500,000           |                   |                   |                  |                  | 500,000           |
| Land Acquisition         | 3,500,000         |                   |                   |                  |                  | 3,500,000         |
| Construction/Maintenance | 6,067,718         | 32,027,755        | 11,000,000        | 7,000,000        | 1,000,000        | 57,095,473        |
| Transfers Out            | 312,592           |                   |                   |                  |                  | 312,592           |
| <b>Total</b>             | <b>10,380,310</b> | <b>32,027,755</b> | <b>11,000,000</b> | <b>7,000,000</b> | <b>1,000,000</b> | <b>61,408,065</b> |

  

| Funding Sources          | 2022             | 2023              | 2024              | 2025             | 2026             | Total             |
|--------------------------|------------------|-------------------|-------------------|------------------|------------------|-------------------|
| Federal                  |                  | 26,000,000        | 7,000,000         | 4,000,000        |                  | 37,000,000        |
| General Obligation Bonds | 4,000,000        | 4,000,000         | 4,000,000         | 3,000,000        | 1,000,000        | 16,000,000        |
| Sale of Land             | 100              |                   |                   |                  |                  | 100               |
| <b>Total</b>             | <b>4,000,100</b> | <b>30,000,000</b> | <b>11,000,000</b> | <b>7,000,000</b> | <b>1,000,000</b> | <b>53,000,100</b> |

**Budget Impact/Other**

This project will add additional paving, which will require plowing and periodic maintenance. Funding for the maintenance of City streets include snow plowing which is funded mainly by Road Use Tax receipts.

Project # **ST257 C038EG**  
 Project Name **East 42nd & Hubbell Ave Intersection Improvements**  
 Ward **2** UR Area  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **One Phase**  
 Useful Life **25 years**  
 Category **Street Construction**

**Description** Total Project Cost: \$31,381  
 This project provides for the installation of a new traffic signal at the intersection of E 42nd Street and Hubbell Avenue along with widening for left-turn lanes on Hubbell and right turn lanes on E 42nd Street. A right-turn lane was also added on the south leg of E 42nd Street. The project is complete and the remaining balance will be reallocated.

**Justification**  
 A traffic analysis completed in December 2013 shows that this intersection warrants a traffic signal and that the future installation of a signal should be explored.

| Expenditures  | 2022          | 2023 | 2024 | 2025 | 2026 | Total         |
|---------------|---------------|------|------|------|------|---------------|
| Transfers Out | 31,381        |      |      |      |      | 31,381        |
| <b>Total</b>  | <b>31,381</b> |      |      |      |      | <b>31,381</b> |

**Budget Impact/Other**  
 Although the project by itself is not expected to have a significant impact on the operating departments responsible for maintaining these improvements (all part of the General/Road Use Fund), the cumulative impact of the addition of new traffic control devices, pavement area, and signage will increase maintenance needs such as additional staffing, materials, or fleet equipment during the life of these improvements.

Project # **ST259 C038EG**  
 Project Name **Hubbell Ave Improvements - E 33rd St to E 38th St**  
 Ward **2** UR Area  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **One Phase**  
 Useful Life **20 years**  
 Category **Street Reconstruction**

**Description** Total Project Cost: \$86,161  
 A traffic study of Hubbell Avenue between E. 33rd Street and E. 38th Street was completed in response to traffic safety concerns. Improvements include pavement reconstruction, medians, sidewalks and intersection modifications with traffic signals and turn lanes along the corridor. Construction began in FY2019. The project is largely complete and excess funds will be reallocated.

**Justification**  
 This project will address safety issues within the corridor as well as provide improved pedestrian facilities.

| Expenditures             | 2022          | 2023 | 2024 | 2025 | 2026 | Total         |
|--------------------------|---------------|------|------|------|------|---------------|
| Construction/Maintenance | 7,121         |      |      |      |      | 7,121         |
| Transfers Out            | 79,040        |      |      |      |      | 79,040        |
| <b>Total</b>             | <b>86,161</b> |      |      |      |      | <b>86,161</b> |

**Budget Impact/Other**  
 Funding for the maintenance of city streets, including snow removal operations, is funded mainly by Road Use Tax receipts. There will be messages in the operating budget for the addition of new traffic control devices and other improvements. The increase in pavement area, pavement markings, and signage will increase maintenance needs such as additional staffing, materials and fleet equipment during the life of these improvements.

Project # **ST260 C038EG**  
 Project Name **Roadway Reconstruction**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Street Reconstruction

Ward All  
 UR Area  
 Grantee

**Description**

Total Project Cost: \$8,386,212

This project provides for rehabilitation and reconstruction of roadways. The project is city-wide in scope. Projects have been funded with the additional road use tax increase that was passed by the Iowa State Legislature in March 2015. Street reconstructions currently under construction correspond to Public Work's five year plan.

**Justification**

This project provides for the timely maintenance of streets utilizing surface scarification and full depth paving to improve the surface condition, extend the useful service life of the streets. These projects address citizen concerns about street conditions.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Construction/Maintenance | 3,461,212        | 1,150,000        | 1,150,000        | 1,150,000        | 1,150,000        | 8,061,212        |
| Transfers Out            | 325,000          |                  |                  |                  |                  | 325,000          |
| <b>Total</b>             | <b>3,786,212</b> | <b>1,150,000</b> | <b>1,150,000</b> | <b>1,150,000</b> | <b>1,150,000</b> | <b>8,386,212</b> |
| Funding Sources          | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
| Federal                  | 589,584          | 525,000          | 525,000          | 525,000          | 525,000          | 2,689,584        |
| Road Use Tax Fund        | 625,000          | 625,000          | 625,000          | 625,000          | 625,000          | 3,125,000        |
| State                    | 37,060           |                  |                  |                  |                  | 37,060           |
| Transfers In             | 210,000          |                  |                  |                  |                  | 210,000          |
| <b>Total</b>             | <b>1,461,644</b> | <b>1,150,000</b> | <b>1,150,000</b> | <b>1,150,000</b> | <b>1,150,000</b> | <b>6,061,644</b> |

**Budget Impact/Other**

The project will help reduce the maintenance expense in the Road Use Tax Fund for crack sealing and preventative maintenance activities.

Transfers In  
 SM057 Citywide Stormwater - \$210,000

Project # **ST261 C038EG**  
 Project Name **Connect Downtown**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 25 years  
 Category Street Reconstruction

Ward 1,2,3,4                                      UR Area Metro Center  
 Grantee

**Description** Total Project Cost: \$49,671

This project includes improvements to the City's downtown transportation system focused on pedestrian, bicycle, and transit modes of travel identified through the Connect Downtown plan. Projects planned to be designed in are Keosauqua Way and Crocker pedestrian improvements. Also included is the construction of the permanent implementation of the E. Grand Avenue Curb Bump-outs from Robert D. Ray Drive to Pennsylvania Avenue.

This project will be combined with the Active Transportation project in the future..

**Justification**

This project includes improvements to the City's downtown transportation system focused on pedestrian, bicycle, and transit modes of travel identified through the Connect Downtown plan.

| Expenditures             | 2022          | 2023 | 2024 | 2025 | 2026 | Total         |
|--------------------------|---------------|------|------|------|------|---------------|
| Construction/Maintenance | 49,671        |      |      |      |      | 49,671        |
| <b>Total</b>             | <b>49,671</b> |      |      |      |      | <b>49,671</b> |

**Budget Impact/Other**

Staff hours have been used for the planning of this project.

Project # **ST263 C038EG**  
 Project Name **Easton Blvd - University Ave - Four Mile Creek**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Street Reconstruction

Ward 2

UR Area

Grantee

**Description**

Total Project Cost: \$1,561,369

This project includes design and construction of improvements identified in the Easton Boulevard Corridor Study and through public input gathered through that study process. Improvements made along the corridor in 2020 include construction of a median to limit turns at University Avenue, conversion to a three lane roadway from Hubbell to E. 29th Street and construction of a pedestrian refuge island near Eastown Park. Easton was also resurfaced from Hubbell Avenue to E. 33rd Street. Drainage improvements were constructed at E. 27th Court and Easton. Proposed improvements for this corridor include pavement reconstruction and storm sewer system construction from E 34th Street to the bridge over Four Mile Creek. The project will also provide a trail connection from E. 33rd Street to the Gay Lea Wilson Trail.

**Justification**

The Easton Boulevard corridor study identified the need for safety improvements at the intersection of Easton Boulevard and University Avenue as well as recommended modification of pavement markings to create a three-lane cross section between Hubbell Avenue and E 29th Street. The roadway between Hubbell Avenue and E 33rd Street is in poor condition and in need of resurfacing. Currently the street drainage is conveyed along the edge of the roadway in shallow ditches from E 34th Street to the bridge over Four Mile Creek. This project will improve the roadway drainage and safety in this section.

| Expenditures             | 2022           | 2023             | 2024 | 2025 | 2026 | Total            |
|--------------------------|----------------|------------------|------|------|------|------------------|
| Construction/Maintenance | 361,369        | 1,200,000        |      |      |      | 1,561,369        |
| <b>Total</b>             | <b>361,369</b> | <b>1,200,000</b> |      |      |      | <b>1,561,369</b> |
| Funding Sources          | 2022           | 2023             | 2024 | 2025 | 2026 | Total            |
| General Obligation Bonds | 700,000        | 700,000          |      |      |      | 1,400,000        |
| <b>Total</b>             | <b>700,000</b> | <b>700,000</b>   |      |      |      | <b>1,400,000</b> |

**Budget Impact/Other**

This project will increase the operating budget of the Sewer Maintenance Division due to the additional sewers. This project will help reduce maintenance expenses in the Road Use Tax Fund for shoulder maintenance. Although the projects themselves are not expected to have a significant impact on the operating departments responsible for maintaining these improvements (General/Road Use Fun), the cumulative impact of the addition of new traffic control, pavement area, pavement markings, and signage will increase maintenance needs such as additional staffing, materials, or fleet equipment during the life of these improvements.

Project # **ST264 C038EG**  
 Project Name **Indianola Ave Improve - E Army Post Rd to Hwy 69**  
 Ward **4** UR Area  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **One Phase**  
 Useful Life **50 years**  
 Category **Street Reconstruction**

**Description** Total Project Cost: \$6,852,946  
 This project provides for the reconstruction of Indianola Avenue from E. Army Post Road to Highway 69. The roadway will be improved to a two-lane urban standard cross section with the construction of curbs and storm sewer, sidewalk and pedestrian improvements. It will also provide a separate recreation trail on the west side of the roadway. This project includes the realignment of Bloomfield Road at Indianola Avenue to provide better separation between the intersection with Bloomfield and the intersection with US Highway 69.

**Justification**  
 A federal grant was secured to reconstruct the roadway. A traffic study was conducted for this section of Indianola Avenue to determine the number of traffic lanes necessary to accommodate both existing and future projected traffic on the corridor.

| Expenditures             | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------------------|------|------|------|------------------|
| Construction/Maintenance | 2,952,946        | 3,900,000        |      |      |      | 6,852,946        |
| <b>Total</b>             | <b>2,952,946</b> | <b>3,900,000</b> |      |      |      | <b>6,852,946</b> |

  

| Funding Sources          | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------------------|------|------|------|------------------|
| Federal                  | 1,000,000        | 2,000,000        |      |      |      | 3,000,000        |
| General Obligation Bonds | 1,400,000        | 1,500,000        |      |      |      | 2,900,000        |
| Transfers In             |                  | 400,000          |      |      |      | 400,000          |
| <b>Total</b>             | <b>2,400,000</b> | <b>3,900,000</b> |      |      |      | <b>6,300,000</b> |

**Budget Impact/Other**  
 This project will add additional lane miles of paving which will need to be maintained. Funding for the maintenance of City streets, including snow plowing, is funded almost entirely by Road Use Tax receipts. The increase of traffic control devices, pavement markings, and signage will increase maintenance needs such as additional staffing, materials, and fleet equipment during the life of these improvements.  
 Transfers In  
 ST102 PW Concrete Street & Curb - \$400,000 (FY23)

Project # **ST266 C038EG**  
 Project Name **Sixth Ave Streetscape**

Department Street  
 Contact City Engineer  
 Type Multi-Phase  
 Useful Life 50 years  
 Category Street Reconstruction

Ward 3  
 UR Area  
 Grantee

**Description**

Total Project Cost: \$6,836,205

This project includes improvements to address walkability and revitalization of 6th Avenue. This project includes sidewalk improvements, trails, bioswale green infrastructure and permeable paving, storm sewer, lighting, planters, and street furniture. The first phase of this project from Hickman Road to College Avenue was completed in 2020. The second phase is from College Avenue to University Avenue and is currently under construction. The third phase of the project, from University Avenue to I-235, includes a limited streetscape with sidewalk and landscaping.

**Justification**

The streetscape has been developed in coordination with 6th Avenue Corridor and River Bend Neighborhood Association. It has emerged as a priority project in Guide DSM. The 6th Avenue Corridor Streetscape Project is slated to be the geographically longest and most environmentally sustainable streetscape project yet constructed in Des Moines.

| Expenditures             | 2022             | 2023             | 2024             | 2025 | 2026 | Total            |
|--------------------------|------------------|------------------|------------------|------|------|------------------|
| Construction/Maintenance | 4,586,205        | 1,000,000        | 1,250,000        |      |      | 6,836,205        |
| <b>Total</b>             | <b>4,586,205</b> | <b>1,000,000</b> | <b>1,250,000</b> |      |      | <b>6,836,205</b> |
| Funding Sources          | 2022             | 2023             | 2024             | 2025 | 2026 | Total            |
| Des Moines Water Works   | 243,000          |                  |                  |      |      | 243,000          |
| Federal                  | 1,382,205        |                  |                  |      |      | 1,382,205        |
| General Obligation Bonds | 1,000,000        | 1,000,000        | 1,250,000        |      |      | 3,250,000        |
| Private                  | 900,000          |                  |                  |      |      | 900,000          |
| <b>Total</b>             | <b>3,525,205</b> | <b>1,000,000</b> | <b>1,250,000</b> |      |      | <b>5,775,205</b> |

**Budget Impact/Other**

Project # **ST267 C038EG**  
 Project Name **Roadway Reconstruction - Fleur Drive**  
 Ward **3** UR Area  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **Multi-Phase**  
 Useful Life **50 years**  
 Category **Street Reconstruction**

**Description** Total Project Cost: \$15,231,289

This project provides for the reconstruction of Fleur Drive currently planned from George Flagg Parkway to McKinley Avenue. The roadway will be improved to include full pavement reconstruction, sidewalk on both sides of the street, storm sewers improvements, and a new watermain. The first phase, which includes the northbound lanes from George Flagg Parkway to Watrous Avenue, has been completed. The second phase, which includes the southbound lanes from George Flagg Parkway to Watrous Avenue, is under construction and will be completed in 2022. The third phase is planned for FY2023 and includes the reconstruction of all lanes from Watrous Avenue to McKinley Avenue. These projects also includes improvements to the medians along Fleur Drive. The medians are funded from a separate Fleur Drive Median CIP sheet.

**Justification**

This project provides for the full depth paving to improve the surface condition. It addresses citizen concerns about street conditions and promote a positive City image.

| Expenditures             | 2022             | 2023             | 2024             | 2025 | 2026 | Total             |
|--------------------------|------------------|------------------|------------------|------|------|-------------------|
| Construction/Maintenance | 9,147,574        | 3,583,715        | 2,500,000        |      |      | 15,231,289        |
| <b>Total</b>             | <b>9,147,574</b> | <b>3,583,715</b> | <b>2,500,000</b> |      |      | <b>15,231,289</b> |
| Funding Sources          | 2022             | 2023             | 2024             | 2025 | 2026 | Total             |
| Des Moines Water Works   | 61,469           |                  |                  |      |      | 61,469            |
| General Obligation Bonds | 7,000,000        | 1,000,000        | 2,500,000        |      |      | 10,500,000        |
| Transfers In             | 451,796          | 583,715          |                  |      |      | 1,035,511         |
| <b>Total</b>             | <b>7,513,265</b> | <b>1,583,715</b> | <b>2,500,000</b> |      |      | <b>11,596,980</b> |

**Budget Impact/Other**

The project will help reduce the maintenance expense in the Road Use Tax Fund for crack sealing and preventative maintenance activities.

Transfers In  
 PK195 Fleur Medians - \$451,796 (FY22)  
 PK195 Fleur Medians - \$583,715 (FY23)

Project # **ST268 C038EG**  
 Project Name **Vandalia Road Improvements**

Department Street  
 Contact City Engineer  
 Type Multi-Phase  
 Useful Life 50 years  
 Category Street Reconstruction

Ward 3 UR Area  
 Grantee

**Description** Total Project Cost:  
 Improvements have been completed along Vandalia Road between the new SE Connector and Highway 65 to address safety concerns. These improvements addressed issues with signage, lighting, and drainage. A final transfer of funds will complete the project.

**Justification**  
 This project provides improvements along the corridor to address safety.

| Funding Sources | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|-----------------|----------------|------|------|------|------|----------------|
| Transfers In    | 270,727        |      |      |      |      | 270,727        |
| <b>Total</b>    | <b>270,727</b> |      |      |      |      | <b>270,727</b> |

**Budget Impact/Other**  
 This project is not expected to have a significant impact, but it will add storm water infrastructure which will need to be maintained.  
 Transfers In  
 ST256 SE Connector - \$270,727

Project # **ST269 C038EG**  
 Project Name **Active Transportation**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Street Reconstruction

Ward All  
 UR Area Metro Center  
 Grantee

**Description**

Total Project Cost: \$7,589,862

This project provides for improvements associated with multimodal transportation such as walking, bicycling and transit. Improvements anticipated for this project include 6th Avenue (DSM River to Euclid) Traffic Study (FY22), 63rd Street (Raccoon River to Scout Trail) sidepath (FY23-24) and E. Douglas (Hubbell to E 42nd) Complete Street project (FY26). Future projects also include Phase II of the downtown bumpout project on 7th and Locust.

**Justification**

This project addresses the City's goals of improving multimodal transportation as outlined in the City's Transportation Master Plan, MoveDSM.

| Expenditures             | 2022             | 2023           | 2024             | 2025           | 2026             | Total            |
|--------------------------|------------------|----------------|------------------|----------------|------------------|------------------|
| Construction/Maintenance | 3,507,321        | 180,901        | 1,550,000        | 750,000        | 1,580,000        | 7,568,222        |
| Transfers Out            | 21,640           |                |                  |                |                  | 21,640           |
| <b>Total</b>             | <b>3,528,961</b> | <b>180,901</b> | <b>1,550,000</b> | <b>750,000</b> | <b>1,580,000</b> | <b>7,589,862</b> |

  

| Funding Sources             | 2022             | 2023           | 2024             | 2025           | 2026             | Total            |
|-----------------------------|------------------|----------------|------------------|----------------|------------------|------------------|
| General Obligation Bonds    | 250,000          | 375,000        | 1,050,000        | 250,000        | 1,000,000        | 2,925,000        |
| Tax Increment Funding Bonds | 1,925,000        |                | 500,000          | 500,000        | 500,000          | 3,425,000        |
| Transfers In                | 985,000          |                |                  |                | 80,000           | 1,065,000        |
| <b>Total</b>                | <b>3,160,000</b> | <b>375,000</b> | <b>1,550,000</b> | <b>750,000</b> | <b>1,580,000</b> | <b>7,415,000</b> |

**Budget Impact/Other**

Although the projects themselves are not expected to have a significant impact on the operating departments responsible for maintaining these improvements (General/Road Use Fund), the cumulative impact of the addition of new traffic control, pavement area, pavement markings and signage will increase maintenance needs such as additional staffing, materials or fleet equipment during the life of these improvements.

Transfers In  
 TR102 Traffic Signals New - \$635,000  
 ST800 LOSST - \$350,000; \$80,000 (FY26)

Project # **ST270 C038EG**  
 Project Name **East Douglas Ave Reconstruction - E 42nd - E 56th**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Street Reconstruction

Ward 2 UR Area  
 Grantee

**Description** Total Project Cost: \$8,583,980  
 This project includes the reconstruction of 1.5 miles of East Douglas Avenue from E. 42nd Street to E. 56th Street. This will include a new two-lane roadway with curbs and gutters, drainage improvements and a 10 foot shared use trail on the south side. This project also includes the construction of two stormwater detention basins along East Douglas Avenue to alleviate flooding, reduce storm water runoff and reduce water velocities downstream.

**Justification**  
 Anticipated development in the northeast section of the City will result in increased traffic, accelerated deterioration of the old pavements and increased maintenance costs.

| Expenditures             | 2022             | 2023           | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|----------------|------|------|------|------------------|
| Construction/Maintenance | 7,288,980        |                |      |      |      | 7,288,980        |
| Transfers Out            | 1,020,000        | 275,000        |      |      |      | 1,295,000        |
| <b>Total</b>             | <b>8,308,980</b> | <b>275,000</b> |      |      |      | <b>8,583,980</b> |

  

| Funding Sources          | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------|------|------|------|------------------|
| Federal                  | 5,800,000        |      |      |      |      | 5,800,000        |
| General Obligation Bonds | 800,000          |      |      |      |      | 800,000          |
| <b>Total</b>             | <b>6,600,000</b> |      |      |      |      | <b>6,600,000</b> |

**Budget Impact/Other**  
 This project will add approximately 1.5 miles of paving. Funding for the maintenance of City streets, including snow removal, comes from the Road Use Tax Fund (S360) which is funded almost completely from Road Use Tax receipts.

Project # **ST271 C038EG**  
 Project Name **Gray's Parkway**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 25 years  
 Category Street Construction

Ward 2

UR Area Metro Center

Grantee

**Description**

Total Project Cost: \$1,051,281

The project will connect a section of an east-west collector street to SW 11th Street, north of the Raccoon River to east of SW 12th Street. Gray's Parkway will connect from SW 16th to SW 11th and align to the east of SW 11th with existing DART Way, providing optimum street grid connectivity. The remaining street section of the South Parkway west to SW 16th will be constructed by Hubbell Realty Company as part of the Gray's Station development. Construction started in 2021 and will be completed in 2022.

**Justification**

The planned alignment of the Gray's Parkway was recommended by City staff in multiple departments to align directly to the east with existing DART Way. Based on this preferred alignment, the adjacent owners of property are the Des Moines Area Regional Transit Authority (DART) and Sherman Associates. DART is the majority adjacent owner and will not be the entity to construct the street. DART and Sherman Associates will convey ROW to facilitate the construction of the street as well as the reconfigured regional stormwater basin/wetland, but the street connection will need to be constructed by the City of Des Moines.

| Expenditures                | 2022           | 2023           | 2024 | 2025 | 2026 | Total            |
|-----------------------------|----------------|----------------|------|------|------|------------------|
| Construction/Maintenance    | 951,281        | 100,000        |      |      |      | 1,051,281        |
| <b>Total</b>                | <b>951,281</b> | <b>100,000</b> |      |      |      | <b>1,051,281</b> |
| Funding Sources             | 2022           | 2023           | 2024 | 2025 | 2026 | Total            |
| Tax Increment Funding Bonds | 750,000        |                |      |      |      | 750,000          |
| Transfers In                |                | 100,000        |      |      |      | 100,000          |
| <b>Total</b>                | <b>750,000</b> | <b>100,000</b> |      |      |      | <b>850,000</b>   |

**Budget Impact/Other**

This project should not have a significant effect on the operation budget.

Transfers In:  
 ST102 PW Concrete Street & Curb - \$100,000 (FY23)

Project # ST272 C038EG  
 Project Name Merle Hay Road and Hickman Road Intersection

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 20 years  
 Category Street Reconstruction

Ward 1  
 UR Area  
 Grantee

**Description**

Total Project Cost: \$481

This project provides for intersection improvements at Merle Hay Road and Hickman Road. The improvements include adding dual left-turn lanes for eastbound Hickman Road. The project provides the dual left turns by widening Hickman Road west of Merle Hay. The project was largely completed in FY2021.

**Justification**

This project will increase the traffic capacity and will also improve the safety of the intersection at Merle Hay Road and Hickman Road.

| Expenditures             | 2022       | 2023 | 2024 | 2025 | 2026 | Total      |
|--------------------------|------------|------|------|------|------|------------|
| Construction/Maintenance | 481        |      |      |      |      | 481        |
| <b>Total</b>             | <b>481</b> |      |      |      |      | <b>481</b> |

**Budget Impact/Other**

Funding for the maintenance of city streets - including snow removal operations - comes from the Road Use Tax Fund which is funded mainly by Road Use Tax receipts. This project is not anticipated to have a significant impact on the operating budget.

Project # ST273 C038EG  
 Project Name Hubbell Ave & E Broadway Ave Intersection

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 20 years  
 Category Street Reconstruction

Ward 2  
 UR Area  
 Grantee

**Description**

Total Project Cost: \$122,174

This project replaces the traffic signal system and improves the intersection with geometric improvements. The geometric changes improve safety at the intersection by addressing left-turn movements and right turning merging geometrics. The City of Des Moines has received state traffic safety funding for proposed geometric improvements.

**Justification**

Improvements will provide safer and more efficient movement for vehicular traffic.

| Expenditures             | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|------|------|------|------|----------------|
| Construction/Maintenance | 8,036          |      |      |      |      | 8,036          |
| Transfers Out            | 114,138        |      |      |      |      | 114,138        |
| <b>Total</b>             | <b>122,174</b> |      |      |      |      | <b>122,174</b> |

**Budget Impact/Other**

This project will reduce the costs associated with maintenance needs.

Project # **ST274 C038EG**  
 Project Name **SE 7th Street Reconstruction & Trunk Sewer**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Sanitary Sewer Improvements

Ward 4  
 UR Area Metro Center  
 Grantee

**Description**

Total Project Cost: \$1,260,337

In 2018, the City developed a Market District Study that consisted of master planning and an infrastructure analysis for a redevelopment area in a portion of the downtown Historic East Village neighborhood which includes the area referred to as the Market District. The Market District Study included an analysis of existing infrastructure and recommendations regarding infrastructure needed to support the master planning and refine the scope of street and sanitary sewer improvements required to serve the Market District proposed development. This project provides a sanitary sewer through the Market District, which is underserved for sanitary sewer for development. This project for a new trunk sewer to serve the Market District area proposed development. A sanitary sewer, pump station and force main provide service to the area. This project was started in 2020 and will be completed in 2022. The pump station and force main is being funded in the Sanitary Sewer section of the CIP.

**Justification**

The City's 2008 downtown plan identified the emerging potential of the Lower East Village. In 2010, the City completed the Market District of East Village Urban Design Study which built from the basic ideas that were proposed in the downtown plan and identified a set of planning ideas that captured the enthusiasm for the area and depicted the desired long-term vision for the Market District. There are several active developments underway in the Market District. Street improvements should be coordinated with the sanitary sewer improvements necessary to serve the Market District proposed development.

| Expenditures             | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------|------|------|------|------------------|
| Construction/Maintenance | 1,260,337        |      |      |      |      | 1,260,337        |
| <b>Total</b>             | <b>1,260,337</b> |      |      |      |      | <b>1,260,337</b> |
| Funding Sources          | 2022             | 2023 | 2024 | 2025 | 2026 | Total            |
| Transfers In             | 245,000          |      |      |      |      | 245,000          |
| <b>Total</b>             | <b>245,000</b>   |      |      |      |      | <b>245,000</b>   |

**Budget Impact/Other**

An additional 2,400 feet of sanitary sewer trunk line requiring future maintenance.  
 Transfers In  
 ST270 E Douglas - \$245,000

Project # **ST275 C038EG**  
 Project Name **University Ave - 48th Street to 31st Street**  
 Ward **1, 3** UR Area  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **One Phase**  
 Useful Life **20 years**  
 Category **Street Reconstruction**

**Description**

Total Project Cost: \$2,744,141

This project includes the design and construction of a five lane to three lane conversion from Waveland Golf Course entrance (approximately 49th Street) to 31st Street. In conjunction with the projects built in 2019, this will provide a consistent cross-section from 25th Street to 63rd Street. The project also includes the evaluation of multi-modal accommodations along the corridor, including pedestrians, bicyclists and public transit. Traffic signal improvements at the signalized intersections along the corridor will also be completed as part of the project. The project plans to overlay the existing pavement due to condition and installation of new pavement markings.

**Justification**

The five-lane to three-lane conversion will provide improved safety and more efficient movement for pedestrian, bicyclist, and vehicular traffic along the corridor. The project also addresses the pavement condition of the roadway through the corridor.

| Expenditures             | 2022           | 2023             | 2024 | 2025 | 2026 | Total            |
|--------------------------|----------------|------------------|------|------|------|------------------|
| Construction/Maintenance | 244,141        | 2,500,000        |      |      |      | 2,744,141        |
| <b>Total</b>             | <b>244,141</b> | <b>2,500,000</b> |      |      |      | <b>2,744,141</b> |
| Funding Sources          | 2022           | 2023             | 2024 | 2025 | 2026 | Total            |
| General Obligation Bonds | 500,000        | 1,500,000        |      |      |      | 2,000,000        |
| <b>Total</b>             | <b>500,000</b> | <b>1,500,000</b> |      |      |      | <b>2,000,000</b> |

**Budget Impact/Other**

This project will reduce the costs associated with pavement maintenance and maintenance needs such as staffing, materials, and fleet equipment to address aging traffic signal infrastructure.

Project # **ST276 C038EG**  
 Project Name **Ingersoll Streetscape**

Department Street  
 Contact City Engineer  
 Type Multi-Phase  
 Useful Life 20 years  
 Category Street Reconstruction

Ward 3  
 UR Area Ingersoll Grand  
 Grantee

**Description** Total Project Cost: \$23,462,697

This project provides for constructing a streetscape and reconstructing the roadway along Ingersoll Avenue from MLK to 28th Street. Roadway reconstruction along with elevated cycle-track modifications will be made from 28th Street to 31st Street. This project will be constructed in four phases:

Phase 1: North Half of Ingersoll Avenue from MLK Jr. Parkway to 24th Street (completed in 2021)  
 Phase 2: North Half of Ingersoll Avenue from 24th Street to 28th Street (will be completed in spring 2022)  
 Phase 3: South Half of Ingersoll Avenue from MLK Jr. Parkway to 28th Street (planned for 2023-2024)  
 Phase 4 (reconstruction only): Ingersoll Avenue from 28th Street to 31st Street (planned for 2024-2025)

The streetscape and roadway reconstruction is planned to continue between 31st Street and 42nd Street. This section of the streetscape will be slightly modified to accommodate the different mixed use along the corridor. The elevated cycle track will continue through this section. Future phases for this streetscape will continue from 31st Street to 42nd Street.

**Justification**

This project will complete the remaining streetscape elements along the corridor. This project will also reconstruct the roadway pavement. The project will be funded by Tax Increment Funding whereas the district was developed to invest in the Ingersoll Corridor.

| Expenditures                | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Planning/Design             |                  |                  | 500,000          | 250,000          |                  | 750,000           |
| Construction/Maintenance    | 6,355,222        | 2,105,658        | 2,670,000        | 2,754,342        | 5,600,000        | 19,485,222        |
| Transfers Out               | 477,475          |                  |                  |                  |                  | 477,475           |
| <b>Total</b>                | <b>6,832,697</b> | <b>2,105,658</b> | <b>3,170,000</b> | <b>3,004,342</b> | <b>5,600,000</b> | <b>20,712,697</b> |
| Funding Sources             | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
| Des Moines Water Works      | 735,694          |                  |                  |                  |                  | 735,694           |
| Tax Increment Funding Bonds | 2,820,000        | 2,225,000        | 2,725,000        | 3,000,000        | 5,600,000        | 16,370,000        |
| Transfers In                | 810,740          | 330,000          |                  |                  |                  | 1,140,740         |
| <b>Total</b>                | <b>4,366,434</b> | <b>2,555,000</b> | <b>2,725,000</b> | <b>3,000,000</b> | <b>5,600,000</b> | <b>18,246,434</b> |

**Budget Impact/Other**

Increased maintenance costs will be associated with the enhanced streetscape, snow removal and cleaning along the protected bike lane. The maintenance of the streetscape will be offset by the Ingersoll Self Supporting Municipal District (SSMID). The reconstruction of Ingersoll Avenue will reduce the pavement maintenance costs.

Transfers In:  
 SS049 Sanitary - \$33,265 (FY22); \$30,000 (FY23)  
 SM057 Stormwater - \$300,000(FY22); \$300,000 (FY23)  
 BL131 Salt Shed - \$477,475 (to be transferred)

Project # **ST277 C038EG**  
 Project Name **Roadway Reconstruction - Second Ave**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Street Reconstruction

Ward 1  
 UR Area Central Place  
 Grantee

**Description** Total Project Cost: \$16,464,098  
 This project provides for the reconstruction of 2nd Avenue from University Avenue to the Des Moines River. The project includes full pavement reconstruction, adding left turn lanes at select locations along the corridor, new five foot wide sidewalks on both sides of the street, new storm sewers where needed and will incorporate a trunk line sewer outlet for the final phase of the River Bend King Irving Sewer Separation project. The project includes a traffic signal at 2nd Avenue and Franklin Avenue to accommodate the new trail along the Central Place levee to the south and east from the intersection. Also included is the undergrounding of cross-avenue wires.

**Justification**  
 Due to its condition, the pavement along 2nd Avenue between University Avenue and the Des Moines River needs complete reconstruction. A trunk line storm sewer needs to be constructed along the west side of 2nd Avenue from College Avenue to the Des Moines River. The complete pavement reconstruction, as well as the construction of the large storm sewer, provides the opportunity to make geometric and safety improvements to the roadway corridor. The schedule of this project is coordinated with the planned rehabilitation of the 2nd Avenue Bridge over the Des Moines River and the planned replacement of the 2nd Avenue Bridge over Birdland Drive.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026 | Total             |
|--------------------------|------------------|------------------|------------------|------------------|------|-------------------|
| Construction/Maintenance | 6,864,098        | 2,850,000        | 3,000,000        | 3,750,000        |      | 16,464,098        |
| <b>Total</b>             | <b>6,864,098</b> | <b>2,850,000</b> | <b>3,000,000</b> | <b>3,750,000</b> |      | <b>16,464,098</b> |

  

| Funding Sources             | 2022           | 2023             | 2024             | 2025             | 2026 | Total             |
|-----------------------------|----------------|------------------|------------------|------------------|------|-------------------|
| General Obligation Bonds    | 500,000        |                  |                  |                  |      | 500,000           |
| Sanitary Sewer Fund         |                | 2,000,000        |                  |                  |      | 2,000,000         |
| State                       |                |                  | 500,000          |                  |      | 500,000           |
| Tax Increment Funding Bonds |                |                  | 3,250,000        | 3,000,000        |      | 6,250,000         |
| Transfers In                | 67,241         | 850,000          |                  |                  |      | 917,241           |
| <b>Total</b>                | <b>567,241</b> | <b>2,850,000</b> | <b>3,750,000</b> | <b>3,000,000</b> |      | <b>10,167,241</b> |

**Budget Impact/Other**  
 The project will help reduce the maintenance expense in the Road Use Tax Fund for crack sealing and preventative maintenance activities.  
 Transfers In:  
 ST265 Corridor Improvements - \$67,241  
 ST800 LOSST - \$850,000 (FY23)

Project # **ST278 C038EG**  
 Project Name **Beaver Ave to Downtown Bike Lane Connection**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 20 years  
 Category Street Reconstruction

Ward 1, 3

UR Area

Grantee

**Description**

Total Project Cost: \$650,000

Complete Street Project including: installation of on-street bicycle facilities, elimination of gaps in future bike network, elimination of 4-lane undivided roadway, infill of sidewalk gaps, modification of signal heads, coordination with DART and enhancement of environmental justice areas. Geography includes Beaver Avenue (41st to Forest); Forest Avenue (Beaver to 9th St.); 9th Street (Forest to Crocker); 25th Street (Forest to Cottage Grove) and 15th Street (Center to Grand). Traffic study (spring 2022) and concept plan development with Design/Construction occurring in 2023-2024.

**Justification**

This project addresses the City's goals, as outlined in the City's Transportation Master Plan, of improving multimodal transportation. The proposed project covers approximately 4 miles of new on-street bicycle facilities, closes gaps in the future bikeway network and provides increased connectivity between population centers in Ward 1 and the downtown. It addresses sidewalk gaps and necessary pedestrian facilities as well as coordinating with DART on portions of Route 16 (Merle Hay Mall).

| Expenditures             | 2022           | 2023           | 2024           | 2025 | 2026 | Total          |
|--------------------------|----------------|----------------|----------------|------|------|----------------|
| Construction/Maintenance | 150,000        | 400,000        | 100,000        |      |      | 650,000        |
| <b>Total</b>             | <b>150,000</b> | <b>400,000</b> | <b>100,000</b> |      |      | <b>650,000</b> |
| Funding Sources          | 2022           | 2023           | 2024           | 2025 | 2026 | Total          |
| General Obligation Bonds | 550,000        |                | 100,000        |      |      | 650,000        |
| <b>Total</b>             | <b>550,000</b> |                | <b>100,000</b> |      |      | <b>650,000</b> |

**Budget Impact/Other**

Although the projects themselves are not expected to have a significant impact on the operating departments responsible for maintaining these improvements (General/Road Use Fun), the cumulative impact of the addition of new traffic control, pavement area, pavement markings, and signage will increase maintenance needs such as additional staffing, materials, or fleet equipment during the life of these improvements.

Project # **ST280 C038EG**  
 Project Name **SW Infrastructure & Planning**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 20 years  
 Category Street Construction

Ward 4 UR Area  
 Grantee

**Description** Total Project Cost: \$2,912,321  
 The Southwest Infrastructure and Planning Study was completed in 2021. It provided a plan for infrastructure improvements needed to support future growth and development in the Southwest Area of Des Moines. Future projects will be planned as future growth and development dictates.

**Justification**  
 The Southwest Connector was removed from the MPO's long range transportation plan. The City Council has requested answers regarding the planned land uses for various areas within the Southwest portion of the City. The elimination of the Southwest Connector changes the development strategy and planning for this area. This planning study provides a concept plan for staff to use to guide development in this area.

| Expenditures             | 2022           | 2023           | 2024           | 2025             | 2026 | Total            |
|--------------------------|----------------|----------------|----------------|------------------|------|------------------|
| Planning/Design          | 287,321        | 425,000        |                |                  |      | 712,321          |
| Construction/Maintenance |                |                | 300,000        | 1,500,000        |      | 1,800,000        |
| Transfers Out            |                |                | 400,000        |                  |      | 400,000          |
| <b>Total</b>             | <b>287,321</b> | <b>425,000</b> | <b>700,000</b> | <b>1,500,000</b> |      | <b>2,912,321</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025             | 2026 | Total            |
|--------------------------|----------------|----------------|----------------|------------------|------|------------------|
| General Obligation Bonds | 100,000        | 425,000        | 700,000        | 1,500,000        |      | 2,725,000        |
| <b>Total</b>             | <b>100,000</b> | <b>425,000</b> | <b>700,000</b> | <b>1,500,000</b> |      | <b>2,725,000</b> |

**Budget Impact/Other**  
 This project is not anticipated to impact the operating budget.

Project # **ST281 C038EG**  
 Project Name **SE 30th Street Improv - RR Viaduct to SE Connector**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 20 years  
 Category Street Reconstruction

Ward 4 UR Area  
 Grantee

**Description** Total Project Cost: \$178,344  
 This project has been combined with the SE Connector project, ST256. The remaining funds have been reallocated.

**Justification**  
 The widening project has been combined with the SE Connector project, ST256.

| Expenditures  | 2022 | 2023           | 2024 | 2025 | 2026 | Total          |
|---------------|------|----------------|------|------|------|----------------|
| Transfers Out |      | 178,344        |      |      |      | 178,344        |
| <b>Total</b>  |      | <b>178,344</b> |      |      |      | <b>178,344</b> |

**Budget Impact/Other**  
 This project will add an estimated 0.5 lane miles of paving. Funding for the maintenance of streets - including snow plowing which is funded with Road Use Tax receipts.



|              |                                       |
|--------------|---------------------------------------|
| Project #    | ST283 C038EG                          |
| Project Name | 18th Street & 19th Street Realignment |
| Ward         | 3                                     |
| UR Area      |                                       |
| Grantee      |                                       |

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 20 years  
 Category Street Reconstruction

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Total Project Cost: \$3,096,498 |
| <p>This project includes the reconstruction and reconfiguration of 18th Street at Grand Avenue and Locust Street. This project will also include converting segments of 17th, 18th, 19th, Grand and Locust in the project area from one-way to two-way streets. The project will also include buffered bike lanes on 15th Street from Martin Luther King Jr. Parkway to Grand Avenue. This project was identified in the Connect Downtown study as a roadway that should be considered for redesign due to the confusing intersection configuration and poor pedestrian and bicycle accommodations. The Des Moines Public Schools (DMPS) Central Campus at the corner of Grand Avenue and 18th Street generates a large amount of pedestrian traffic with very little pedestrian accommodations currently existing.</p> |                                 |

|                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Justification</b>                                                                                                                                                                                                                                                                                                   |
| <p>The WRA is constructing a new sewer through the area which will require significant pavement removal and replacement. This opportunity to coordinate the replacement of these two intersections with modifications would address a number of issues associated with the current alignment of the intersections.</p> |

| Expenditures             | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------------------|------|------|------|------------------|
| Construction/Maintenance | 1,096,498        | 2,000,000        |      |      |      | 3,096,498        |
| <b>Total</b>             | <b>1,096,498</b> | <b>2,000,000</b> |      |      |      | <b>3,096,498</b> |
| Funding Sources          | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
| General Obligation Bonds | 2,700,000        |                  |      |      |      | 2,700,000        |
| <b>Total</b>             | <b>2,700,000</b> |                  |      |      |      | <b>2,700,000</b> |

|                                                                            |
|----------------------------------------------------------------------------|
| <b>Budget Impact/Other</b>                                                 |
| <p>This project will reduce maintenance expenses in the Road Use Fund.</p> |

|              |                                                   |
|--------------|---------------------------------------------------|
| Project #    | ST284 C038EG                                      |
| Project Name | Euclid Roadway Reconfiguration 12th St to 2nd Ave |
| Ward         | 2                                                 |
| UR Area      |                                                   |
| Grantee      |                                                   |

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 25 years  
 Category Street Reconstruction

**Description** Total Project Cost: \$2,959,300

Euclid Avenue between 12th Street and 6th Avenue was a four-lane cross section (two westbound lanes and two eastbound lanes). Euclid Avenue between 6th Avenue and 2nd Avenue was a five-lane cross section (two westbound lanes, two eastbound lanes, and center continuous two-way left-turn lane). The Highland Park and Oak Park Neighborhood Associations requested that Euclid Avenue (U.S. Highway 6) from 12th Street to 2nd Avenue (State Highway 415) be converted to a three-lane cross section with the goal of calming traffic, adding on-street parking between 6th Avenue and 2nd Avenue, and generating additional economic development along the corridor. The operational analysis indicated that overall delay at the intersections would increase significantly and 95th percentile queue lengths would extend beyond the adjacent intersection.

In response to the request of the Highland Park and Oak Park Neighborhood Associations and the Ward Councilmember, City staff prepared a proposal for a pilot project which converted Euclid Avenue between 12th Street to 2nd Avenue to a three-lane cross section (one westbound lane, one eastbound lane, and center continuous two-way left-turn lane) and added on-street parking along both sides of Euclid Avenue between 6th Avenue and 2nd Avenue. The parking provided by these modifications is available all day with no peak hour time restrictions. The pilot project improvements were accomplished with pavement markings, signage and small, temporary concrete bumpouts placed on the upstream corner of most intersections. The roadway was not rehabilitated, and no improvements were made to the curb radii or curb ramps as part of the pilot project. Permanent concrete bumpouts at each corner with ADA-compliant curb ramps would be considered as part of a future permanent condition. The pilot project was completed in 2021 and data will be collected in Spring 2022 to determine if the project meets the metrics required as part of the pilot project approval for determining if the geometric changes can become permanent.

**Justification**

A traffic engineering consultant completed a traffic operations and safety analysis in 2018. The analysis showed the average speed for all classified vehicles was 34 mph with 78% vehicles exceeding the posted speed limit of 30 mph. The analysis also identified the calculated crash rate from crashes over the past five years is nearly double the statewide average, with 15% of those crashes resulting in known injuries.

| Expenditures             | 2022           | 2023           | 2024             | 2025 | 2026 | Total            |
|--------------------------|----------------|----------------|------------------|------|------|------------------|
| Construction/Maintenance | 384,300        | 125,000        | 2,450,000        |      |      | 2,959,300        |
| <b>Total</b>             | <b>384,300</b> | <b>125,000</b> | <b>2,450,000</b> |      |      | <b>2,959,300</b> |
| Funding Sources          | 2022           | 2023           | 2024             | 2025 | 2026 | Total            |
| General Obligation Bonds | 250,000        | 125,000        | 2,450,000        |      |      | 2,825,000        |
| <b>Total</b>             | <b>250,000</b> | <b>125,000</b> | <b>2,450,000</b> |      |      | <b>2,825,000</b> |

**Budget Impact/Other**

The Iowa DOT has not requested a jurisdictional transfer of roadway at this time, transferring the responsibilities of maintaining Euclid Avenue (U.S. Highway 6) to the City. The Iowa DOT has not confirmed if they will require pavement marking and signage responsibilities be transferred to the City if the changes become permanent. After the pilot project was constructed, the Iowa DOT did request that the City maintain signage on the bumpouts for the duration of the pilot project.

Project # **ST285 C038EG**  
 Project Name **5th Ave One-Way to Two-Way**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 20 years  
 Category Street Reconstruction

Ward 3  
 UR Area Metro Center  
 Grantee

**Description** Total Project Cost: \$2,682,668  
 Conversion of 5th Avenue between Cherry Street and Grand Avenue from one-way southbound to two-way. This would also include conversion of Grand Avenue between 3rd Avenue and 5th Avenue from one-way westbound to two way and addition of an eastbound bike lane on Grand Avenue from 2nd Avenue to 5th Avenue.

**Justification**  
 Connect Downtown identified 5th Avenue as a street that could be converted from one-way to two-way to improve overall circulation in the downtown area. The two-way conversion benefits other planned development in the area and expands the core bike network outlined in the City's Transportation Master Plan, MoveDSM. The eastbound bike lane on Grand provides for better connectivity of the bike network downtown.

| Expenditures             | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
|--------------------------|------------------|------------------|------|------|------|------------------|
| Construction/Maintenance | 1,682,668        | 1,000,000        |      |      |      | 2,682,668        |
| <b>Total</b>             | <b>1,682,668</b> | <b>1,000,000</b> |      |      |      | <b>2,682,668</b> |

  

| Funding Sources             | 2022             | 2023             | 2024 | 2025 | 2026 | Total            |
|-----------------------------|------------------|------------------|------|------|------|------------------|
| Tax Increment Funding Bonds | 700,000          | 1,000,000        |      |      |      | 1,700,000        |
| Transfers In                | 888,546          |                  |      |      |      | 888,546          |
| <b>Total</b>                | <b>1,588,546</b> | <b>1,000,000</b> |      |      |      | <b>2,588,546</b> |

**Budget Impact/Other**  
 There will be increases costs for maintenance of a bike lane along the project corridor.  
 Transfers In  
 ST262 East Village Street - \$6,420  
 ST270 E Douglas - \$300,000  
 ST252 - Walnut Streetscapes - \$582,126

Project # **ST286 C038EG**  
 Project Name **Franklin Ave - Beaver Ave to Merle Hay Road**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 20 years  
 Category Street Reconstruction

Ward 1  
 UR Area  
 Grantee

**Description** Total Project Cost: \$1,243,216

Planned storm sewer work along Franklin Avenue as part of the Closes Creek storm sewer improvements between 43rd Street and 48th Street will require sections of the roadway to be reconstructed. This provides an opportunity to make modifications to the geometrics of the roadway. The proposed improvements include providing a two-lane roadway with on-street bike lanes along with installing sidewalk to fill in gaps. Curb & gutter will be added where absent west of 50th. The existing traffic signal at 44th will be replaced by a rapid flashing beacon. An all-way stop will be installed at 55th. Curb bumpouts will be added at 44th, 48th and mid-block crossings near 50th, 52nd, 55th, and 56th. Parking will be preserved on the north side of the street. The improvements from 48th Street to Merle Hay were constructed in 2020. The improvements from Beaver Avenue to 48th Street will be completed with the Closes Creek Phase 3 improvements in 2022-2023. Please note that in FY23 \$1.1 million will be transferred to SM068, Closes Creek. This is street work that will be done as a part of that project.

**Justification**

Concurrent CIP projects provide the opportunity to include multimodal improvements to the corridor to be completed under one construction contract.

| Expenditures             | 2022           | 2023             | 2024 | 2025 | 2026 | Total            |
|--------------------------|----------------|------------------|------|------|------|------------------|
| Construction/Maintenance | 143,216        |                  |      |      |      | 143,216          |
| Transfers Out            |                | 1,100,000        |      |      |      | 1,100,000        |
| <b>Total</b>             | <b>143,216</b> | <b>1,100,000</b> |      |      |      | <b>1,243,216</b> |

  

| Funding Sources          | 2022           | 2023             | 2024 | 2025 | 2026 | Total            |
|--------------------------|----------------|------------------|------|------|------|------------------|
| General Obligation Bonds | 200,000        | 1,000,000        |      |      |      | 1,200,000        |
| <b>Total</b>             | <b>200,000</b> | <b>1,000,000</b> |      |      |      | <b>1,200,000</b> |

**Budget Impact/Other**

There would be increased costs for maintenance of a bike lane along the project corridor.

|              |                                     |
|--------------|-------------------------------------|
| Project #    | ST287 C038EG                        |
| Project Name | Midblock Pedestrian Signal Upgrades |
| Ward         | All                                 |
| UR Area      |                                     |
| Grantee      |                                     |

|             |                       |
|-------------|-----------------------|
| Department  | Street                |
| Contact     | City Engineer         |
| Type        | Ongoing               |
| Useful Life | 20 years              |
| Category    | Street Reconstruction |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Total Project Cost: \$2,972,807 |
| <p>This project replaces existing pedestrian signals primarily located at school crossings with updated High-Intensity Activated Crosswalk (HAWK) Beacon signals. In FY2021 the existing signal equipment was upgraded at Urbandale Avenue and 56th Street, Hickman Road and 56th Street, Hickman Road and 44th Street, Forest Avenue and 18th Street, 7th Avenue at Mercy College, E 14th Street and Grandview Avenue, and E 42nd Street and Morton Avenue. In FY2022 the existing pedestrian crossings at E 9th Street and Loomis Avenue (Lincoln High School), Beaver Avenue and Adams Avenue, and E 33rd Street and Cleveland Avenue (Stowe Elementary) will be replaced. In FY2023 the existing pedestrian crossings on Park Avenue (Brody Middle School), E University Avenue (Hiatt Middle School), SE 22nd Street (Riverwoods Elementary), and Cornell Street (Harding Middle School) and Grand Avenue (Merrill Middle School).</p> |                                 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Justification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p>This project addresses the replacement or removal of aging and structurally deficient pedestrian traffic signals. Most of these crossings have exceeded the traffic signal design life of 20-25 years. Outdated equipment results in increased maintenance and risk of structural failure. It is important, especially at midblock school crossings, that equipment is reliable and consistent so students are encouraged to use the controlled crossing. When equipment fails to work consistently, students discontinue use of the pushbuttons and cross at uncontrolled locations which has potential negative safety impacts.</p> |

| Expenditures             | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 757,807        | 500,000        | 500,000        | 500,000        | 500,000        | 2,757,807        |
| Transfers Out            | 215,000        |                |                |                |                | 215,000          |
| <b>Total</b>             | <b>972,807</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>2,972,807</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| General Obligation Bonds | 500,000        | 500,000        | 500,000        | 500,000        | 500,000        | 2,500,000        |
| <b>Total</b>             | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>2,500,000</b> |

|                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Budget Impact/Other</b>                                                                                                                                 |
| Removal of unused signals will decrease the monthly electrical usage. Updating signals will decrease maintenance costs due to aging or outdated equipment. |

Project # **ST288 C038EG**  
 Project Name **SW 11th St & Tuttle St Traffic Improvements**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 20 years  
 Category Street Reconstruction

Ward 3  
 UR Area Metro Center  
 Grantee

**Description**

Total Project Cost: \$980,000

As part of the Gray's Landing/Gray's Station Traffic Study, six locations were identified as needing traffic improvements if the area is developed as currently proposed. These improvements include the addition of a traffic signal at the intersection of SW 11th Street and Tuttle Street. This project is in coordination with buffered bike lanes on SW 11th Street from ML King Jr. Parkway to DART way and intersection improvements at SW 11th Street and ML King Jr. Parkway.

**Justification**

The traffic study identified that a new traffic signal would be warranted at the intersection of SW 11th Street and Tuttle Street. With the proposed Stadium development on the former DICO site, the traffic signal at SW 11th Street and Tuttle Street is likely to be warranted. As part of the development agreements, the City agreed to construct the traffic signal at this location.

| Expenditures             | 2022           | 2023           | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|----------------|------|------|------|----------------|
| Planning/Design          | 100,000        |                |      |      |      | 100,000        |
| Construction/Maintenance | 380,000        | 500,000        |      |      |      | 880,000        |
| <b>Total</b>             | <b>480,000</b> | <b>500,000</b> |      |      |      | <b>980,000</b> |

  

| Funding Sources             | 2022           | 2023           | 2024 | 2025 | 2026 | Total          |
|-----------------------------|----------------|----------------|------|------|------|----------------|
| Tax Increment Funding Bonds | 450,000        | 500,000        |      |      |      | 950,000        |
| <b>Total</b>                | <b>450,000</b> | <b>500,000</b> |      |      |      | <b>950,000</b> |

**Budget Impact/Other**

An increase to the operating budget is anticipated for the maintenance of the new traffic signal. As the number of traffic signals increase, the need for resources and staffing to maintain the traffic signals also increases. For every 20 signals added, the addition of another signal technician should be considered in order to meet national standards for maintenance and operation.

Project # **ST289 C038EG**  
 Project Name **Douglas Avenue Merle Hay Road to Lower Beaver Road**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Street Reconstruction

Ward 1  
 UR Area  
 Grantee

**Description** Total Project Cost: \$8,563,361

The roadway reconfiguration of Douglas Avenue (U.S. Highway 6), between Merle Hay Road and Lower Beaver Road (total length of approximately 10,000 lineal feet), from a four-lane undivided cross section to a three-lane cross section (with center turn lane) is proposed in the Douglas Avenue Corridor Plan. This work includes:

- Douglas Avenue reduced to a three-lane roadway between Merle Hay Road and Lower Beaver Road.
- Maintaining Douglas Avenue intersection geometry, add/drop lanes at intersections.
- Traffic Signal Modifications, including adding flashing yellow arrows and right-turn overlaps where appropriate, coordinated signals with optimized cycle/splits/offsets.

The pilot project, completed in 2021, included striping, signing and signal modifications to accommodate the conversion of Douglas Avenue to three lanes between Merle Hay Road and Lower Beaver Road. The Iowa DOT resurfaced Douglas Avenue in 2021 which provided an opportunity to implement the pilot project.

The permanent project, anticipated in 2025, would include new pavement and curbs and gutters, sidewalk improvements, a High Intensity Activated Crosswalk (HAWK) beacon for pedestrians crossing Douglas Avenue east of 30th Street, private property impacts and traffic control changes to provide enhanced operational and safety improvements along the corridor.

**Justification**

The Douglas Avenue Steering Committee, which includes the Ward Councilmember, a County Supervisor, and representatives from the neighborhoods, have requested the roadway reconfiguration and improvements to Douglas Avenue.

The segments of Douglas Avenue have crash rates that exceed the statewide average, as do the Douglas Avenue intersections at 50th Street, Beaver Avenue, and MLK Parkway. Conversion of a four-lane road to a three-lane road (road diet) is expected to reduce all types of crashes between 25% and 47%.

| Expenditures             | 2022           | 2023 | 2024 | 2025 | 2026             | Total            |
|--------------------------|----------------|------|------|------|------------------|------------------|
| Planning/Design          | 563,361        |      |      |      |                  | 563,361          |
| Construction/Maintenance |                |      |      |      | 4,000,000        | 4,000,000        |
| <b>Total</b>             | <b>563,361</b> |      |      |      | <b>4,000,000</b> | <b>4,563,361</b> |

  

| Funding Sources          | 2022           | 2023 | 2024 | 2025 | 2026             | Total            |
|--------------------------|----------------|------|------|------|------------------|------------------|
| General Obligation Bonds | 500,000        |      |      |      | 4,000,000        | 4,500,000        |
| Transfers In             | 63,351         |      |      |      |                  | 63,351           |
| <b>Total</b>             | <b>563,351</b> |      |      |      | <b>4,000,000</b> | <b>4,563,351</b> |

**Budget Impact/Other**

The Iowa DOT has not requested a jurisdictional transfer of roadway, transferring the responsibilities of maintaining Douglas Avenue (U.S. Highway 6) to the City. The Iowa DOT has not confirmed who will be responsible for maintaining the pavement markings.

Transfers In  
 SM057 Stormwater - \$63,351

Project # **ST290 C038EG**  
 Project Name **East 30th Street and University Avenue**  
 Ward **4** UR Area  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **One Phase**  
 Useful Life **20 years**  
 Category **Street Reconstruction**

**Description** Total Project Cost: \$1,206,274  
 This project includes the replacement and upgrading of the existing traffic signals, removal of existing right-turn channelizing islands, median modifications to offset left-turn lanes to provide better sight distance and pedestrian crossing improvements such as curb ramps and pushbuttons.

**Justification**  
 The project will replace old traffic signal infrastructure and addresses safety and operational issues.

| Expenditures             | 2022           | 2023           | 2024 | 2025 | 2026 | Total            |
|--------------------------|----------------|----------------|------|------|------|------------------|
| Construction/Maintenance | 506,274        | 700,000        |      |      |      | 1,206,274        |
| <b>Total</b>             | <b>506,274</b> | <b>700,000</b> |      |      |      | <b>1,206,274</b> |

  

| Funding Sources          | 2022           | 2023           | 2024 | 2025 | 2026 | Total            |
|--------------------------|----------------|----------------|------|------|------|------------------|
| General Obligation Bonds | 150,000        | 500,000        |      |      |      | 650,000          |
| State                    | 357,000        | 200,000        |      |      |      | 557,000          |
| <b>Total</b>             | <b>507,000</b> | <b>700,000</b> |      |      |      | <b>1,207,000</b> |

**Budget Impact/Other**  
 This project will reduce maintenance costs due to replacement of old signal infrastructure.

Project # **ST292 C038EG**  
 Project Name **41st Street & Beaver Avenue**  
 Ward **1** UR Area  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **One Phase**  
 Useful Life **20 years**  
 Category **Street Reconstruction**

**Description** Total Project Cost: \$1,250,000  
 The existing intersection is on a skew and has numerous safety issues. A study was done on this intersection and the adjacent intersection of Beaver and Franklin Avenues to determine the best solution to address the crash types and concerns expressed by area residents. This project realigns the intersection to a perpendicular angle which provides better vision for drivers and better lane identification for bicyclists on Beaver Avenue.

**Justification**  
 Numerous drivers complain they do not know if the southbound traffic on Beaver is going to turn right onto 41st Street or proceed on Beaver, causing vehicular crashes. Crash history at the intersection indicates a visibility issue.

| Expenditures             | 2022 | 2023          | 2024           | 2025           | 2026 | Total            |
|--------------------------|------|---------------|----------------|----------------|------|------------------|
| Planning/Design          |      | 50,000        |                |                |      | 50,000           |
| Construction/Maintenance |      |               | 600,000        | 600,000        |      | 1,200,000        |
| <b>Total</b>             |      | <b>50,000</b> | <b>600,000</b> | <b>600,000</b> |      | <b>1,250,000</b> |

  

| Funding Sources          | 2022 | 2023          | 2024           | 2025           | 2026 | Total            |
|--------------------------|------|---------------|----------------|----------------|------|------------------|
| General Obligation Bonds |      | 50,000        | 600,000        | 600,000        |      | 1,250,000        |
| <b>Total</b>             |      | <b>50,000</b> | <b>600,000</b> | <b>600,000</b> |      | <b>1,250,000</b> |

**Budget Impact/Other**  
 This project should not have a significant effect on the operation budget.

Project # **ST293 C038EG**  
 Project Name **Traffic Safety Study: E. Army Post Road**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 25 years  
 Category Street Reconstruction

Ward 4 UR Area  
 Grantee

**Description** Total Project Cost: \$100,000  
 Traffic engineering study to identify long-term and short-term roadway improvements to address traffic crash experiences over past 5-years and traffic crash frequencies and patterns considering anticipated adjacent land development and future traffic characteristics and volumes. This study would also include the development of recommendations with respect to the trail crossing of Army Post Road for the Easter Lake Spine Trail (and future Carlisle Trail Connection). The potential alternatives to be considered would include a grade separation or relocation of the trail crossing.

**Justification**  
 Findings from the traffic engineering study for the intersection of E Army Post Road at SE 36th Street showed a history of severe crashes on E Army Post Rd on the segment containing from Indianola Avenue to SE 45th Street. The Iowa DOT crash history reveals three fatal crashes and three major injury crashes in the segment since 2009. The three fatal crashes equate to a fatal crash rate of 3.6 crashes per hundred million vehicle-miles traveled (HMVMT), which is higher than the statewide average crash rate for similar corridors of 0.91 fatal crashes per HMVMT.  
 Des Moines Area Metropolitan Planning Organization (DMAMPO) forecasts show steady growth on the north and west approaches and a sharp increase in growth on the south and east approaches at the intersection of E Army Post and SE 36th Street between 2040 and 2050. Discussion with the DMAMPO indicated that this increase in growth is tied to development south and west of this intersection, and that the development was expected to be mostly employment based. Additionally, residential land development is expected to be realized to the west of this intersection along E Army Post Road. Traffic growth over the next 25 years 2045 anticipated along E Army Post Road is between 40% and 55% over volumes seen in 2019.

| Expenditures             | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|------|------|------|------|----------------|
| Planning/Design          | 100,000        |      |      |      |      | 100,000        |
| <b>Total</b>             | <b>100,000</b> |      |      |      |      | <b>100,000</b> |
| Funding Sources          | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
| General Obligation Bonds | 100,000        |      |      |      |      | 100,000        |
| <b>Total</b>             | <b>100,000</b> |      |      |      |      | <b>100,000</b> |

**Budget Impact/Other**  
 This study project is not anticipated to directly impact the Operating Budget. It will identify future improvements - short-term and long-term and the programming of these improvements in coordination with anticipated land use development and traffic growth.

Project # **ST294 C038EG**  
 Project Name **SW 14th Street and MLK Traffic Improvements**  
 Ward **3** UR Area **Metro Center**  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **One Phase**  
 Useful Life **20 years**  
 Category **Street Reconstruction**

**Description** Total Project Cost: \$550,000  
 As part of the Gray's Landing/Gray's Station Traffic Study, six locations were identified as needing traffic improvements if the area is developed as currently proposed. These improvements include the addition of a traffic signal at the intersection of SW 14th Street and Martin Luther King Jr. Parkway as well as the widening of SW 14th Street to accommodate a northbound turn lane.

**Justification**  
 With the proposed Stadium development on the former DICO site, the traffic study identified that a new traffic signal and turn lane would be warranted at the intersection of SW 14th Street and Martin Luther King Jr. Parkway. If changes occur in the types of development proposed to occur in this area, the need for traffic improvements may also change. As part of the development agreements, the City agreed to construct the traffic improvements at this location.

| Expenditures             | 2022          | 2023           | 2024 | 2025 | 2026 | Total          |
|--------------------------|---------------|----------------|------|------|------|----------------|
| Planning/Design          | 50,000        |                |      |      |      | 50,000         |
| Construction/Maintenance |               | 500,000        |      |      |      | 500,000        |
| <b>Total</b>             | <b>50,000</b> | <b>500,000</b> |      |      |      | <b>550,000</b> |

  

| Funding Sources             | 2022          | 2023           | 2024 | 2025 | 2026 | Total          |
|-----------------------------|---------------|----------------|------|------|------|----------------|
| Tax Increment Funding Bonds | 50,000        | 500,000        |      |      |      | 550,000        |
| <b>Total</b>                | <b>50,000</b> | <b>500,000</b> |      |      |      | <b>550,000</b> |

**Budget Impact/Other**  
 An increase to the operating budget is anticipated for the maintenance of the new traffic signal. As the number of traffic signals increase, the need for resources and staffing to maintain the traffic signals also increases. For every 20 signals added, the addition of another signal technician should be considered in order to meet national standards for maintenance and operation.

Project # **ST295 C038EG**  
 Project Name **SW 16th Street and MLK Traffic Improvements**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 20 years  
 Category Street Reconstruction

Ward 3  
 UR Area Metro Center  
 Grantee

**Description**

Total Project Cost: \$550,000

As part of the Gray's Landing/Gray's Station Traffic Study, six locations were identified as needing traffic improvements if the area is developed as currently proposed. These improvements include widening SW 16th Street south of Martin Luther King Jr. Parkway to extend the existing left turn lane, adding a right turn lane and modifying the existing traffic signal to accommodate the geometric changes.

**Justification**

Should development occur as proposed, the traffic study identified that the widening of SW 16th Street south of Martin Luther King Jr. Parkway would be needed by 2032. If changes occur in the types of development proposed to occur in this area, the need for traffic improvements may also change. As part of the development agreements, the City agreed to construct the traffic improvements at this location.

| Expenditures             | 2022 | 2023          | 2024           | 2025 | 2026 | Total          |
|--------------------------|------|---------------|----------------|------|------|----------------|
| Planning/Design          |      | 50,000        |                |      |      | 50,000         |
| Construction/Maintenance |      |               | 500,000        |      |      | 500,000        |
| <b>Total</b>             |      | <b>50,000</b> | <b>500,000</b> |      |      | <b>550,000</b> |

  

| Funding Sources             | 2022 | 2023          | 2024           | 2025 | 2026 | Total          |
|-----------------------------|------|---------------|----------------|------|------|----------------|
| Tax Increment Funding Bonds |      | 50,000        | 500,000        |      |      | 550,000        |
| <b>Total</b>                |      | <b>50,000</b> | <b>500,000</b> |      |      | <b>550,000</b> |

**Budget Impact/Other**

An increase to the operating budget is anticipated for the maintenance of the new traffic signal. As the number of traffic signals increase, the need for resources and staffing to maintain the traffic signals also increases. For every 20 signals added, the addition of another signal technician should be considered in order to meet national standards for maintenance and operation.

Project # **ST296 C038EG**  
 Project Name **Tuttle Street Improvements**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 20 years  
 Category Street Reconstruction

Ward 3  
 UR Area Metro Center  
 Grantee

**Description** Total Project Cost: \$1,150,000  
 The proposed project includes extending Tuttle Street from west of SW 12th Street to SW 16th Street. The roadway would be a two-lane roadway with parking on both sides and a two-way cycle track on the south side.

**Justification**  
 The roadway extension is necessary to facilitate the Gray's Landing and Gray's Station developments. As part of the development agreements, the City agreed to construct the roadway improvements between SW 12th Street and SW 16th Street.

| Expenditures             | 2022          | 2023           | 2024           | 2025 | 2026 | Total            |
|--------------------------|---------------|----------------|----------------|------|------|------------------|
| Planning/Design          | 50,000        |                |                |      |      | 50,000           |
| Construction/Maintenance |               | 450,000        | 650,000        |      |      | 1,100,000        |
| <b>Total</b>             | <b>50,000</b> | <b>450,000</b> | <b>650,000</b> |      |      | <b>1,150,000</b> |

  

| Funding Sources             | 2022          | 2023           | 2024           | 2025 | 2026 | Total            |
|-----------------------------|---------------|----------------|----------------|------|------|------------------|
| Tax Increment Funding Bonds | 50,000        | 450,000        | 650,000        |      |      | 1,150,000        |
| <b>Total</b>                | <b>50,000</b> | <b>450,000</b> | <b>650,000</b> |      |      | <b>1,150,000</b> |

**Budget Impact/Other**  
 An increase to the operating budget is anticipated for the maintenance of the new roadway.

Project # **ST297 C038EG**  
 Project Name **East Locust Streetscape Repairs**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 25 years  
 Category Street Reconstruction

Ward 4  
 UR Area Metro Center  
 Grantee

**Description** Total Project Cost: \$2,259,822  
 This project will replace the existing city-owned streetlighting with MidAmerican Energy-owned lighting on E Locust from the Locust Street Bridge over the Des Moines River to E 7th Street. The MidAmerican Energy lighting will be LED and will be maintained and operated by MidAmerican Energy. The project will also include the repair of deficient sidewalks, curbs and brick repair, the replacement of the decorative county markers, addressing deteriorated streetscape elements, and resurfacing the roadway pavement. The project is planned for 2023.

**Justification**  
 The streetlighting poles on E Locust Street are rusting at the base creating the potential for pole failure. The poles are decorative and are maintained by City traffic signal crews. Since the City does not have dedicated staff for streetlighting maintenance, repairs are done as time permits. The existing fixtures are not LED and the poles are not readily available when a replacement is needed. Over time, the county markers have "heaved" creating a grade difference between the sidewalk and the marker creating a trip hazard. There are also some markers that have been broken and need replaced.

| Expenditures             | 2022           | 2023             | 2024           | 2025 | 2026 | Total            |
|--------------------------|----------------|------------------|----------------|------|------|------------------|
| Planning/Design          | 50,000         |                  |                |      |      | 50,000           |
| Construction/Maintenance | 60,000         | 1,525,000        | 624,822        |      |      | 2,209,822        |
| <b>Total</b>             | <b>110,000</b> | <b>1,525,000</b> | <b>624,822</b> |      |      | <b>2,259,822</b> |

  

| Funding Sources             | 2022             | 2023           | 2024 | 2025 | 2026 | Total            |
|-----------------------------|------------------|----------------|------|------|------|------------------|
| Tax Increment Funding Bonds | 900,000          |                |      |      |      | 900,000          |
| Transfers In                | 1,060,000        | 300,000        |      |      |      | 1,360,000        |
| <b>Total</b>                | <b>1,960,000</b> | <b>300,000</b> |      |      |      | <b>2,260,000</b> |

**Budget Impact/Other**  
 Replacing the streetlighting with MidAmerican Energy owned and maintained lighting will reduce the need for City crews to budget for and/or hire a contractor for future repairs. The upgrade to LED fixtures will reduce overall energy costs. The repair of the county markers with proper installation methods will reduce future maintenance calls and liability for the City.

Transfers In  
 TR100 LED Lights - \$285,000  
 ST260 Roadway Reconstruction - \$300,000  
 ST270 E Douglas Reconstruction - \$475,000  
 SW084 Sidewalk Replacement - \$300,000 (FY23)

Project # **ST298 C038EG**  
 Project Name **E. 6th St. to E. 7th St./Penn Ave Corridor Study**  
 Ward **4** UR Area **Metro Center**  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **One Phase**  
 Useful Life **25 years**  
 Category **Street Reconstruction**

**Description** Total Project Cost: \$125,000  
 Corridor Study of E 6th Street and E 7th Street/Penn Avenue from north of I-235 to Martin Luther King Jr. Parkway.

**Justification**  
 With continued development in the East Village, specifically the redevelopment of the Market District area, traffic to and from I-235 continues to increase. This study is to develop a concept plan and project phasing to convert E 6th Street and 7th Street/Penn Avenue to two-way traffic, provide a north-south bicycle route through the East Village, and other necessary intersection improvements.

| Expenditures             | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|------|------|------|------|----------------|
| Planning/Design          | 125,000        |      |      |      |      | 125,000        |
| <b>Total</b>             | <b>125,000</b> |      |      |      |      | <b>125,000</b> |
| Funding Sources          | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
| General Obligation Bonds | 125,000        |      |      |      |      | 125,000        |
| <b>Total</b>             | <b>125,000</b> |      |      |      |      | <b>125,000</b> |

**Budget Impact/Other**  
 No operational budget impact.

Project # **ST299 C038EG**  
 Project Name **Downtown Pedestrian Wayfinding Signage**  
 Ward **3, 4** UR Area **Metro Center**  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **One Phase**  
 Useful Life **25 years**  
 Category **Street Reconstruction**

**Description** Total Project Cost: \$400,000  
 Operation Downtown plans to touch up the paint on the wayfinding sign poles and bases in 2021 as an interim measure to address the locations where the powder coating is chipped / removed from the poles. This interim fix is not a long term or permanent fix. For a permanent fix, the style of pole installed in 2008 would need to be completely removed for refinishing and powder coating; therefore, it would be more economical to replace the poles and update the wayfinding signage as needed. Development Services and Operation Downtown first would update and map out the desired locations and wayfinding signage (which destinations are shown) and the following year the old signs would be removed and replaced with new signs.

**Justification**  
 Request via Operation Downtown to fix poles with chipped/removed black powder coating (aesthetic purpose).

| Expenditures                | 2022 | 2023 | 2024 | 2025          | 2026           | Total          |
|-----------------------------|------|------|------|---------------|----------------|----------------|
| Planning/Design             |      |      |      | 25,000        |                | 25,000         |
| Construction/Maintenance    |      |      |      |               | 375,000        | 375,000        |
| <b>Total</b>                |      |      |      | <b>25,000</b> | <b>375,000</b> | <b>400,000</b> |
| Funding Sources             | 2022 | 2023 | 2024 | 2025          | 2026           | Total          |
| Tax Increment Funding Bonds |      |      |      | 25,000        | 375,000        | 400,000        |
| <b>Total</b>                |      |      |      | <b>25,000</b> | <b>375,000</b> | <b>400,000</b> |

**Budget Impact/Other**  
 Limited operational budget impacts.



Project # **ST301 C038EG**  
 Project Name **6th Ave Lane Reconfiguration - Hickman to Euclid**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Street Reconstruction

Ward 2

UR Area Oak Park

Grantee

**Description**

Total Project Cost: \$380,000

Implementation project to convert 6th Avenue from Hickman Road to Euclid from a 5-lane cross-section (2 travel lanes each direction plus a continuous two-way left turn lane) to a 3-lane cross-section (1 travel lane each direction plus a continuous two-way left-turn lane). The project includes installation of on-street bicycle facilities. With an average daily volume of fewer than 10,000 vehicles per day (higher at bridge across Des Moines River), 6th Avenue is a good candidate for a road diet. The corridor traffic study (under a separate CIP project) will model current and future traffic operations to ensure acceptable level of service and to recommend necessary mitigation efforts. The traffic study will also include Hickman Road from 6th to Prospect as part of the future Des Moines River Trail extension.

**Justification**

This project was initiated and requested by Council Member Voss and former OPHPNA President Drew Kelso. The project increases bicycle connectivity between OPHP commercial area and surrounding trails: Birdland Road bike lanes, Neil Smith Trail; 6th Avenue Trail; and future Des Moines River Trail (west bank). It also provides enhanced access to Riverview Park, which has no dedicated parking for the new amphitheater. It builds on OPHP bikeway. The reallocation of the existing paved section will increase safety for pedestrians by creating a buffer between existing class A sidewalks and moving vehicles.

| Expenditures             | 2022 | 2023 | 2024          | 2025           | 2026 | Total          |
|--------------------------|------|------|---------------|----------------|------|----------------|
| Planning/Design          |      |      | 30,000        |                |      | 30,000         |
| Construction/Maintenance |      |      |               | 350,000        |      | 350,000        |
| <b>Total</b>             |      |      | <b>30,000</b> | <b>350,000</b> |      | <b>380,000</b> |
| Funding Sources          | 2022 | 2023 | 2024          | 2025           | 2026 | Total          |
| General Obligation Bonds |      |      | 30,000        | 350,000        |      | 380,000        |
| <b>Total</b>             |      |      | <b>30,000</b> | <b>350,000</b> |      | <b>380,000</b> |

**Budget Impact/Other**

Signing, striping and maintaining on-street bicycle facilities requires additional annual ongoing maintenance funds.

Project # **ST302 C038EG**  
 Project Name **Tuttle Street Complete Street**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Street Reconstruction

Ward 3  
 UR Area Metro Center  
 Grantee

**Description** Total Project Cost: \$600,000  
 The Tuttle Street Complete Street project proposes a reallocation of the existing Tuttle Street ROW from SW 5th to SW 11th. This includes the elimination of parking on the south side of the street from SW 9th to SW 11th; conversion from 2 lanes with dedicated turn bays to 2 lanes; addition of conventional striped bicycle lanes from SW 5th to SW 11th. Additional improvements include signal modifications at SW 7th, SW 8th & SW 9th to improve level of service and access for people walking and biking. Some sidewalk widening possible on south side between SW 7th and SW 9th.

**Justification**  
 Project was initiated and requested by Council Members Voss and Mandelbaum to provide better connectivity and access to Cityville and developing areas of Grays Station/Landing and downtown. The most direct, logical and economical option is Tuttle. On the east the project connects to bicycle facilities on 5th Avenue, the north-south downtown spine on the west side of the river. On the west, it connects to FY21/FY22 bicycle facilities on SW 12th/SW 11th; to the two-way elevated protected bicycle lane (SW 11th to SW 16th, eventually); and to Gray's Lake Park via trail and bridge over Raccoon River.

| Expenditures             | 2022          | 2023 | 2024          | 2025 | 2026           | Total          |
|--------------------------|---------------|------|---------------|------|----------------|----------------|
| Planning/Design          | 50,000        |      | 50,000        |      |                | 100,000        |
| Construction/Maintenance |               |      |               |      | 500,000        | 500,000        |
| <b>Total</b>             | <b>50,000</b> |      | <b>50,000</b> |      | <b>500,000</b> | <b>600,000</b> |

  

| Funding Sources             | 2022          | 2023 | 2024          | 2025 | 2026           | Total          |
|-----------------------------|---------------|------|---------------|------|----------------|----------------|
| Tax Increment Funding Bonds | 50,000        |      | 50,000        |      | 500,000        | 600,000        |
| <b>Total</b>                | <b>50,000</b> |      | <b>50,000</b> |      | <b>500,000</b> | <b>600,000</b> |

**Budget Impact/Other**  
 Signing, striping and maintaining on-street bicycle facilities requires additional annual ongoing maintenance funds.

Project # **ST303 C038EG**  
 Project Name **E Army Post Road & SE 36th St Intersection Improv.**  
 Ward **4** UR Area  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **One Phase**  
 Useful Life **50 years**  
 Category **Street Reconstruction**

**Description** Total Project Cost: \$2,500,000  
 Construction of a modern roundabout at the intersection of E Army Post Road and SE 36th Street.

**Justification**  
 A traffic study was completed in January 2020 that identified a speeding concern on E Army Post Road and increased traffic on SE 36th Street. The study recommended the construction of a modern roundabout to address the safety concerns and improve traffic flow at the intersection.

| Expenditures             | 2022           | 2023           | 2024 | 2025             | 2026             | Total            |
|--------------------------|----------------|----------------|------|------------------|------------------|------------------|
| Planning/Design          | 400,000        | 25,000         |      |                  |                  | 425,000          |
| Land Acquisition         |                | 75,000         |      |                  |                  | 75,000           |
| Construction/Maintenance |                |                |      | 1,000,000        | 1,000,000        | 2,000,000        |
| <b>Total</b>             | <b>400,000</b> | <b>100,000</b> |      | <b>1,000,000</b> | <b>1,000,000</b> | <b>2,500,000</b> |

| Funding Sources          | 2022           | 2023           | 2024 | 2025             | 2026             | Total            |
|--------------------------|----------------|----------------|------|------------------|------------------|------------------|
| General Obligation Bonds | 400,000        | 100,000        |      | 1,000,000        | 1,000,000        | 2,500,000        |
| <b>Total</b>             | <b>400,000</b> | <b>100,000</b> |      | <b>1,000,000</b> | <b>1,000,000</b> | <b>2,500,000</b> |

**Budget Impact/Other**  
 Maintenance of center island landscaping.

Project # **ST304 C038EG**  
 Project Name **Lower Beaver and Aurora Improvements**  
 Ward **1** UR Area  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **One Phase**  
 Useful Life **50 years**  
 Category **Street Reconstruction**

**Description** Total Project Cost: \$250,000  
 Modify the geometry of the intersection to soften the horizontal curve along Lower Beaver that coincides with the intersection of Aurora. The modification would involve removal of the north and southbound left turn lanes as the intersection's turning movement count does not support their need and it would allow us to narrow the pavement slightly. These narrowing of pavement and removal of the left turn lanes would reduce the crossing distance for east/west travel by vehicle, bicycle or on foot.

**Justification**  
 Operational improvement at request of ward Council Member. Minimal crash experience historically has been recorded.

| Expenditures             | 2022 | 2023 | 2024          | 2025           | 2026 | Total          |
|--------------------------|------|------|---------------|----------------|------|----------------|
| Planning/Design          |      |      | 75,000        |                |      | 75,000         |
| Construction/Maintenance |      |      |               | 175,000        |      | 175,000        |
| <b>Total</b>             |      |      | <b>75,000</b> | <b>175,000</b> |      | <b>250,000</b> |

| Funding Sources          | 2022 | 2023 | 2024          | 2025           | 2026 | Total          |
|--------------------------|------|------|---------------|----------------|------|----------------|
| General Obligation Bonds |      |      | 75,000        | 175,000        |      | 250,000        |
| <b>Total</b>             |      |      | <b>75,000</b> | <b>175,000</b> |      | <b>250,000</b> |

**Budget Impact/Other**  
 Potential for increases in pavement/curb maintenance expenditures.

Project # **ST305 C038EG**  
 Project Name **2nd Ave Improvements - Court Ave to I-235**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Street Reconstruction

Ward 3  
 UR Area Metro Center  
 Grantee

**Description** Total Project Cost: \$860,000  
 Construction of concrete bump outs at intersections and pedestrian crossings, removal of peak hour parking restrictions and add on-street parking in certain locations on 2nd Avenue from I-235 to Court Avenue. 2nd Avenue will be reduced from 4 through traffic lanes to 2 traffic lanes.

**Justification**  
 With the completion in 2020 of the Lauridsen Skatepark between 2nd Avenue and the Des Moines River it is anticipated that pedestrian traffic will increase along 2nd Avenue. Additionally, the federal courthouse between Grand Avenue and Locust Street on 2nd Avenue will add bump outs and on-street parking along 2nd Avenue. This project is necessary to improve pedestrian safety, provide better lane continuity and add on-street parking to certain locations along the 2nd Avenue corridor.

| Expenditures             | 2022 | 2023          | 2024           | 2025 | 2026 | Total          |
|--------------------------|------|---------------|----------------|------|------|----------------|
| Planning/Design          |      | 60,000        |                |      |      | 60,000         |
| Construction/Maintenance |      |               | 800,000        |      |      | 800,000        |
| <b>Total</b>             |      | <b>60,000</b> | <b>800,000</b> |      |      | <b>860,000</b> |

  

| Funding Sources             | 2022 | 2023          | 2024 | 2025           | 2026 | Total          |
|-----------------------------|------|---------------|------|----------------|------|----------------|
| Tax Increment Funding Bonds |      | 60,000        |      | 800,000        |      | 860,000        |
| <b>Total</b>                |      | <b>60,000</b> |      | <b>800,000</b> |      | <b>860,000</b> |

**Budget Impact/Other**  
 Added maintenance and enforcement of new on-street parking spaces.

Project # **ST306 C038EG**  
 Project Name **Merle Hay Corridor Plan**

Department Street  
 Contact City Engineer  
 Type Multi-Phase  
 Useful Life 25 years  
 Category Street Reconstruction

Ward 1  
 UR Area Merle Hay  
 Grantee

**Description** Total Project Cost: \$2,225,000  
 Development of a corridor plan for Merle Hay Road, extending from Urbandale Avenue north to Aurora Avenue. As a first step in corridor planning, a traffic study must be completed by an engineering consultant. The study will evaluate traffic flow, pedestrian connectivity, safety and accessibility - and make recommendations as needed for improved function within the ROW. Planning staff will build from the traffic study recommendations and further develop strategies that enhance the appearance of the corridor in both the public and private realms. Staff would look to this planning effort to serve as a model for revitalization of other commercial corridors across the city.

**Justification**  
 In January 2017, the Merle Hay Neighborhood Association (MHNA) made a formal request to City Council for planning assistance to revitalize and enhance the Merle Hay corridor. The Merle Hay Neighborhood Plan was adopted in 2008; MHNA requested that the City address infrastructure needs and other public improvements that were identified in the 2008 neighborhood plan and have yet to be implemented. Over the past three years, representatives of MHNA have continued to meet with Council Members and City staff to reiterate this need. Specific concerns that MHNA would like to see addressed include improved traffic flow, sidewalk installation and reconstruction, targeted beautification and stormwater infrastructure analysis for possible improvements in the vicinity of Merle Hay Road and Douglas Avenue.

| Expenditures             | 2022           | 2023           | 2024 | 2025             | 2026             | Total            |
|--------------------------|----------------|----------------|------|------------------|------------------|------------------|
| Planning/Design          | 125,000        | 100,000        |      |                  |                  | 225,000          |
| Construction/Maintenance |                |                |      | 1,000,000        | 1,000,000        | 2,000,000        |
| <b>Total</b>             | <b>125,000</b> | <b>100,000</b> |      | <b>1,000,000</b> | <b>1,000,000</b> | <b>2,225,000</b> |

  

| Funding Sources             | 2022           | 2023           | 2024 | 2025             | 2026             | Total            |
|-----------------------------|----------------|----------------|------|------------------|------------------|------------------|
| Tax Increment Funding Bonds | 125,000        | 100,000        |      | 1,000,000        | 1,000,000        | 2,225,000        |
| <b>Total</b>                | <b>125,000</b> | <b>100,000</b> |      | <b>1,000,000</b> | <b>1,000,000</b> | <b>2,225,000</b> |

**Budget Impact/Other**  
 Maintenance responsibility of public ROW will remain. Any suggested changes in maintenance can be discussed as part of the plan recommendations.

Project # **ST307 C038EG**  
 Project Name **BUILD Grant - Broadway from 2nd Ave to Hubbell**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 25 years  
 Category Street Reconstruction

Ward 2 UR Area  
 Grantee

**Description** Total Project Cost: \$3,400,000  
 Polk County applied and received a \$25 Million BUILD Grant for the reconstruction of Broadway Avenue from 2nd Avenue to Hubbell. This project will include reconstruction of the 5.2-mile roadway into a three-lane urban cross section that includes a center two-way left-turn lane. The project also includes plans to add more through and turn lanes to major intersections, including IA-415, US 69, and US 6. A proposed underpass will allow vehicles and trucks to pass freely under the busiest two rail crossings in the corridor, and a multi-use trail from Fourmile Creek to IA Hwy 415 will connect to the Gay Lea Wilson trail and the Chichaqua Valley Trail. The project also proposes to eliminate a freight impediment by lowering Broadway at the I-235 overpass structures to eliminate the 14'-4" height restriction that is currently in place.

**Justification**  
 The project includes a section within the City limits near NE 14th Street. Polk County included the City of Des Moines as a financial participant for the improvements within the City limits.

| Expenditures             | 2022 | 2023 | 2024             | 2025 | 2026 | Total            |
|--------------------------|------|------|------------------|------|------|------------------|
| Planning/Design          |      |      | 19,000           |      |      | 19,000           |
| Construction/Maintenance |      |      | 3,381,000        |      |      | 3,381,000        |
| <b>Total</b>             |      |      | <b>3,400,000</b> |      |      | <b>3,400,000</b> |

  

| Funding Sources                    | 2022 | 2023 | 2024             | 2025 | 2026 | Total            |
|------------------------------------|------|------|------------------|------|------|------------------|
| General Obligation Bonds           |      |      | 1,400,000        |      |      | 1,400,000        |
| Local Option Sales and Service Tax |      |      | 2,000,000        |      |      | 2,000,000        |
| <b>Total</b>                       |      |      | <b>3,400,000</b> |      |      | <b>3,400,000</b> |

**Budget Impact/Other**  
 The newly reconstructed roadway will require less maintenance for Public Works.

Project # **ST308 C038EG**  
 Project Name **Watrous Avenue Extension**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Street Construction

Ward 3  
 UR Area  
 Grantee

**Description** Total Project Cost: \$853,344  
 This project will provide for the design and construction of a new section of Watrous Avenue from SW 56th Street to SW 61st Street. The area where this roadway is to be constructed is currently undeveloped ground. The roadway is anticipated to be a two-lane, 27-foot back-to-back urban cross-section with a five-foot sidewalk on both sides of the street. A final recommended cross-section will be determined after a consultant is selected and alternatives are developed and evaluated. This project will provide an intersection at SW 56th Street on the east end and connect to the existing section of Watrous Avenue at SW 61st Street on the west end, which currently connects to Iowa Highway 28 (SW 63rd Street).

**Justification**  
 This project is being proposed to provide access from Iowa Hwy 28 to a proposed 30+ acre residential development situated on the south side of the new roadway, as well as provide an uninterrupted roadway connection between SW 56th and Iowa Hwy 28.

| Expenditures             | 2022 | 2023           | 2024           | 2025 | 2026 | Total          |
|--------------------------|------|----------------|----------------|------|------|----------------|
| Construction/Maintenance |      | 450,000        | 403,344        |      |      | 853,344        |
| <b>Total</b>             |      | <b>450,000</b> | <b>403,344</b> |      |      | <b>853,344</b> |
| Funding Sources          | 2022 | 2023           | 2024           | 2025 | 2026 | Total          |
| Transfers In             |      | 453,344        | 400,000        |      |      | 853,344        |
| <b>Total</b>             |      | <b>453,344</b> | <b>400,000</b> |      |      | <b>853,344</b> |

**Budget Impact/Other**  
 In the long term, this project will require additional maintenance funded by the Road Use Tax Fund.  
 Transfers In  
 ST270 E Douglas Recon - \$275,000 (FY23)  
 ST281 E 30th St Widening - \$178,344 (FY23)  
 ST280 SW Infrastructure - \$400,000 (FY24)

|              |                                              |
|--------------|----------------------------------------------|
| Project #    | ST309 C038EG                                 |
| Project Name | SE 14th Street and Maury Street Improvements |
| Ward         | 4                                            |
| UR Area      |                                              |
| Grantee      |                                              |

|             |                       |
|-------------|-----------------------|
| Department  | Street                |
| Contact     | City Engineer         |
| Type        | Multi-Phase           |
| Useful Life | 25 years              |
| Category    | Street Reconstruction |

|                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Total Project Cost:</b> \$2,500,000 |
| The Iowa Department of Transportation (IDOT) has undertaken a Corridor Study along U.S. 69 from County Line Road to Interstate 80. As part of this Corridor Study, improvements are recommended to the intersection of SE 14th Street (U.S. 69) and Maury Street to improve safety at the intersection. This improvement will also provide a more direct connection between SE 14th Street and Martin Luther King Jr. Parkway. |                                        |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Justification</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| The DOT recently changed the methodology on how they determine the most dangerous intersections in the state. Previously the DOT's methodology for identifying safety improvement candidate locations was significantly influenced by fatalities. In some locations this skewed the data to locations where no engineering solution could address the cause of the crash issue identified (i.e. crashes related to driving while under the influence of alcohol).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| In the past year the DOT has changed their methodology to use safety performance functions (SPF) to try and locate potential crash locations. According to the DOT, "A safety performance function (SPF) is an equation used to predict the average number of crashes per year at a location as a function of exposure and, in some cases, roadway or intersection characteristics. Generally, SPFs more realistically demonstrate the relationship between crashes and traffic volume." This new method classifies intersections into three tiers based on the predicted number of crashes for a given traffic volume and other characteristics of the intersection. Tier 1 intersections will now replace the "above the statewide average" classification. Projects at these intersections may qualify for safety funds and will require a consultation with the IDOT Traffic and Safety Division to determine potential safety improvements. Tier 2 intersections have room for improvement but may not qualify for safety funds and Tier 3 intersections are performing better than predicted. |
| This new methodology identifies and ranks intersections based on the potential to decrease crashes with proven safety improvements. To put it in its simplest terms, this list identifies where we can make the most impact on improving safety.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Based on crash data from 2014-2018, The City of Des Moines has 167 intersections identified as Tier 1 intersections. SE 14th Street (U.S. 69) and Maury Street is the highest ranked of the Tier 1 intersections on the U.S. 69 Corridor and one of the highest ranked intersections in the State of Iowa.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Expenditures             | 2022 | 2023           | 2024           | 2025           | 2026             | Total            |
|--------------------------|------|----------------|----------------|----------------|------------------|------------------|
| Planning/Design          |      | 250,000        | 125,000        | 125,000        |                  | 500,000          |
| Land Acquisition         |      |                |                | 250,000        |                  | 250,000          |
| Construction/Maintenance |      |                |                |                | 1,750,000        | 1,750,000        |
| <b>Total</b>             |      | <b>250,000</b> | <b>125,000</b> | <b>375,000</b> | <b>1,750,000</b> | <b>2,500,000</b> |

  

| Funding Sources | 2022 | 2023           | 2024           | 2025           | 2026             | Total            |
|-----------------|------|----------------|----------------|----------------|------------------|------------------|
| Transfers In    |      | 250,000        | 125,000        | 375,000        | 1,750,000        | 2,500,000        |
| <b>Total</b>    |      | <b>250,000</b> | <b>125,000</b> | <b>375,000</b> | <b>1,750,000</b> | <b>2,500,000</b> |

|                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Budget Impact/Other</b>                                                                                                                                                |
| This project is not expected to significantly impact the operating budget of the General Fund, but this may change depending on the improvements called for in the study. |
| Transfers In<br>ST800 LOSST - \$250,000 (FY23)  \$125,000 (FY24); \$375,000 (FY25); \$1,750,000 (FY26)                                                                    |

Project # **ST310 C038EG**  
 Project Name **MLK Pavement Replacement**

Department Street  
 Contact City Engineer  
 Type Unassigned  
 Useful Life 25 years  
 Category Street Reconstruction

Ward 3  
 UR Area Metro Center  
 Grantee

**Description** Total Project Cost: \$1,250,000  
 Repaving the westbound lanes of Martin Luther King Jr. Parkway from SW 3rd Street to SW 16th Street.

**Justification**  
 This project is in conjunction with a WRA project to install a large sewer line along Martin Luther King Jr. Parkway. This project will impact the majority of the paving in the westbound roadway, so replacing all of it will provide a superior final product for the City.

| Expenditures             | 2022 | 2023             | 2024 | 2025 | 2026 | Total            |
|--------------------------|------|------------------|------|------|------|------------------|
| Construction/Maintenance |      | 1,250,000        |      |      |      | 1,250,000        |
| <b>Total</b>             |      | <b>1,250,000</b> |      |      |      | <b>1,250,000</b> |

  

| Funding Sources             | 2022 | 2023             | 2024 | 2025 | 2026 | Total            |
|-----------------------------|------|------------------|------|------|------|------------------|
| Tax Increment Funding Bonds |      | 1,250,000        |      |      |      | 1,250,000        |
| <b>Total</b>                |      | <b>1,250,000</b> |      |      |      | <b>1,250,000</b> |

**Budget Impact/Other**  
 This project is not expected to significantly impact the operating budget of the General Fund.

Project # **ST311 C038EG**  
 Project Name **19th Street and MLK Modifications**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 25 years  
 Category Street Reconstruction

Ward 1, 3  
 UR Area  
 Grantee

**Description** Total Project Cost: \$1,750,000  
 Implementation project to improve safety and create a complete street along 19th Street and Martin Luther King Jr. Parkway from School Street to Forest Avenue. Project includes parking modifications and curb bumpouts to streamline vehicular operations, shadow on-street parking and improve transit efficiency and safety. Project also includes moving east curb line of 19th Street (and associated driveway and utility adjustments) to narrow roadway and provide space for side path installation.

**Justification**  
 Coordinate improvements with programmed FY2024 street maintenance/arterial program project on 19th/MLK from I-235 to Hickman Road. Traffic study prepared in response to speeding and safety concerns expressed by Good Park neighbors. Project is centered in a historically underserved neighborhood and increases non-motorized safety and access to adjacent parklands and elementary school. 19th/MLK are a regional mixed use/principal arterial one-way couplet that (along with Fleur) are the most heavily traveled municipal streets in Des Moines. They serve as a priority transit corridor, a truck route, a primary emergency response route and are identified as part of the future core bike network. In addition to being a crash hot spot with excessive travel speeds, the corridor includes two of the top three locations in the city where red light running was identified as the major cause for crashes. The concept plan identifies safety improvements to calm vehicular travel speeds and improve conditions for people walking, biking and using transit.

| Expenditures             | 2022 | 2023           | 2024             | 2025 | 2026 | Total            |
|--------------------------|------|----------------|------------------|------|------|------------------|
| Planning/Design          |      | 125,000        |                  |      |      | 125,000          |
| Construction/Maintenance |      |                | 1,625,000        |      |      | 1,625,000        |
| <b>Total</b>             |      | <b>125,000</b> | <b>1,625,000</b> |      |      | <b>1,750,000</b> |
| Funding Sources          | 2022 | 2023           | 2024             | 2025 | 2026 | Total            |
| Transfers In             |      | 125,000        | 1,625,000        |      |      | 1,750,000        |
| <b>Total</b>             |      | <b>125,000</b> | <b>1,625,000</b> |      |      | <b>1,750,000</b> |

**Budget Impact/Other**  
 This project is not expected to significantly impact the operating budget of the General Fund.  
 Transfers In  
 ST800 LOSST - \$125,000 (FY23); \$1,625,000 (FY24)

Project # **ST312 C038EG**  
 Project Name **30th Street Sidewalk**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 25 years  
 Category Street Reconstruction

Ward 2  
 UR Area  
 Grantee

**Description** Total Project Cost: \$350,000  
 The project replaces the existing sidewalk along the 30th Street from Euclid Avenue to Urbandale Avenue. The existing sidewalk is adjacent to the roadway with no curb or separation from the roadway in this section of 30th Street.

**Justification**  
 The improvement would install a curb and gutter section to the roadway and separate the sidewalk from the roadway curb. The improvement would provide a separation between the pedestrians and the motorists along with a vertical curb to make the sidewalk more walkable and comfortable for the users.

| Expenditures             | 2022 | 2023 | 2024          | 2025           | 2026 | Total          |
|--------------------------|------|------|---------------|----------------|------|----------------|
| Planning/Design          |      |      | 50,000        |                |      | 50,000         |
| Construction/Maintenance |      |      |               | 300,000        |      | 300,000        |
| <b>Total</b>             |      |      | <b>50,000</b> | <b>300,000</b> |      | <b>350,000</b> |

  

| Funding Sources | 2022 | 2023 | 2024          | 2025           | 2026 | Total          |
|-----------------|------|------|---------------|----------------|------|----------------|
| Transfers In    |      |      | 50,000        | 300,000        |      | 350,000        |
| <b>Total</b>    |      |      | <b>50,000</b> | <b>300,000</b> |      | <b>350,000</b> |

**Budget Impact/Other**  
 This project is not expected to significantly impact the operating budget of the General Fund.  
 Transfers In  
 ST800 LOSST - \$50,000 (FY24); \$300,000 (FY25)

Project # **ST313 C038EG**  
 Project Name **Downtown 2-Way Conversion - Grand & Locust**  
 Ward **3** UR Area **Metro Center**  
 Grantee

Department **Street**  
 Contact **City Engineer**  
 Type **One Phase**  
 Useful Life **25 years**  
 Category **Street Reconstruction**

**Description** Total Project Cost: \$9,000,000

The Connect Downtown plan identified several one-way streets to be converted to two-way streets to support circulation downtown and provide additional space for multimodal facilities. This project includes the conversion of Grand Avenue between 5th Avenue and 15th Street from one-way to two-way and Locust Street from 2nd Avenue to 15th Street. Portions of Grand Avenue from 15th Street to 18th Street and from 3rd Street to 5th Street and Locust Street from 15th Street to 18th Street will be converted from one-way operation to two-way with separate CIP projects. This one-way to two-way conversion includes additional traffic signals at all project intersections, permanent concrete bumpouts and sidewalk improvements, bus stop enhancements, storm sewer modifications, pavement resurfacing, durable pavement markings and green bicycle lane pavement markings. A planning study would be required to update signal timings and understand in detail the impacts to traffic and transit operations. Additionally, several blocks of on-street parking will likely be removed to accommodate intersection turn lanes. This project must be coordinated with the Ingersoll Run Sewer Project scheduled for construction in calendar year 2023.

**Justification**

The conversion of Grand Avenue and Locust Street is identified as a priority of the Connect Downtown plan adopted in 2018. This project improves circulation through the downtown area, slow traffic speeds, improve walkability, and add an important east-west two-way bicycle facility across downtown. These two streets need to be completed in tandem to share the traffic volumes between the two streets.

| Expenditures             | 2022 | 2023           | 2024           | 2025             | 2026             | Total            |
|--------------------------|------|----------------|----------------|------------------|------------------|------------------|
| Planning/Design          |      | 500,000        | 500,000        |                  |                  | 1,000,000        |
| Construction/Maintenance |      |                |                | 4,000,000        | 4,000,000        | 8,000,000        |
| <b>Total</b>             |      | <b>500,000</b> | <b>500,000</b> | <b>4,000,000</b> | <b>4,000,000</b> | <b>9,000,000</b> |

  

| Funding Sources             | 2022 | 2023           | 2024           | 2025             | 2026             | Total            |
|-----------------------------|------|----------------|----------------|------------------|------------------|------------------|
| Tax Increment Funding Bonds |      | 500,000        | 500,000        | 4,000,000        | 4,000,000        | 9,000,000        |
| <b>Total</b>                |      | <b>500,000</b> | <b>500,000</b> | <b>4,000,000</b> | <b>4,000,000</b> | <b>9,000,000</b> |

**Budget Impact/Other**

This project is not expected to significantly impact the operating budget of the General Fund.

Project # **ST314 C038EG**  
 Project Name **Parking Lot between City Hall and E 2nd Garage**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 25 years  
 Category Street Reconstruction

Ward 4  
 UR Area Metro Center  
 Grantee

**Description**

Total Project Cost: \$100,000

The project removes the existing paving and establishes a green space between City Hall and the E 2nd Parking Garage along the east side of Robert D. Ray Drive.

**Justification**

The developer has not utilized the area for the proposed building construction as anticipated. This area was supposed to be developed to a greenspace with a CIP project years ago but was deleted due to the impending start of the private development project. This project would improve the appearance of the area and aesthetics outside City Hall.

| Expenditures             | 2022 | 2023           | 2024 | 2025 | 2026 | Total          |
|--------------------------|------|----------------|------|------|------|----------------|
| Planning/Design          |      | 5,000          |      |      |      | 5,000          |
| Construction/Maintenance |      | 95,000         |      |      |      | 95,000         |
| <b>Total</b>             |      | <b>100,000</b> |      |      |      | <b>100,000</b> |

  

| Funding Sources | 2022 | 2023           | 2024 | 2025 | 2026 | Total          |
|-----------------|------|----------------|------|------|------|----------------|
| Transfers In    |      | 100,000        |      |      |      | 100,000        |
| <b>Total</b>    |      | <b>100,000</b> |      |      |      | <b>100,000</b> |

**Budget Impact/Other**

This improvement would require contract mowing by the City.

Project # **ST500 C038EG**  
 Project Name **Federal Title 23 Land Sales**

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 25 years  
 Category Street Reconstruction

Ward 1,2,3,4

UR Area

Grantee

**Description**

Total Project Cost: \$0

This project is for purchasing property and constructing roadway projects allowed by the Federal Highway Administration and Iowa Department of Transportation (IDOT), under Code of Federal Regulations Title 23 Highways, Part 710, Subpart D. The City may retain the Federal portion of income from the sale or lease of property previously acquired with Title 23 funding if the funds are held to purchase properties or construct roadway projects in the near future that are eligible for Title 23, Federal funding. These funds are also used for costs required to dispose of Federally encumbered properties. This program is subject to IDOT oversight and approval.

**Justification**

These funds may only be used on projects eligible for funding under Title 23 of the United States Code in the current CIP such as the Southeast Connector or East Indianola Ave Widening project. This account allows the City to reuse the Federal funds to purchase future property instead of returning the funds to the Federal Government and applying for additional funding through the MPO.

| Expenditures    | 2022 | 2023     | 2024 | 2025 | 2026 | Total    |
|-----------------|------|----------|------|------|------|----------|
| Other           |      | 0        |      |      |      | 0        |
| <b>Total</b>    |      | <b>0</b> |      |      |      | <b>0</b> |
| Funding Sources | 2022 | 2023     | 2024 | 2025 | 2026 | Total    |
| Federal         |      | 0        |      |      |      | 0        |
| <b>Total</b>    |      | <b>0</b> |      |      |      | <b>0</b> |

**Budget Impact/Other**

This project, by itself, is not anticipated to have a significant impact on the operating budget. Revenue will be added to this project as eligible/applicable land sales occur.

Project # **ST800 C038EG**  
 Project Name **LOSST Street Improvements**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Street Reconstruction

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$32,851,782

This project provides for the rehabilitation and reconstruction of roadways across the city. Projects are funded with the additional one-cent Local Option Sales and Service Tax passed by the City in March 2019. The following street projects were completed in FY 2020 and FY 2021 to correspond to Public Works 5-year Plan: 2019 Residential Paving, Hartford Avenue Reconstruction from SE 22nd to Cownie Soccer Complex, Hubbell Avenue Rehabilitation from E 18th Street to Easton Blvd, M. L. King Parkway Rehabilitation from Hickman Road to Euclid Avenue, 16th Street Brick Street Reconstruction from Day Street to Ascension Street, 2020HMA Residential Paving and Easton Boulevard rehabilitation from Hubbell Avenue to E. 33rd Street. Funds were also transferred to the E. 30th Street Bridge over the Union Pacific Railroad to provide supplemental funding for the bridge project. Projects in 2021-2022 include 2021 Residential HMA Paving Program and Keo Way Improvements between 9th Street and 19th Street. Future projects in 2022-2023 include 2022 Residential HMA Paving Program, 2022 PCC Patching Program, Penn Avenue from University Avenue to Saylor Road and Evergreen Avenue Resurfacing from E. Marion Street to SE 30th Court. Future projects include E. Court Avenue Reconstruction from the Des Moines River to E 14th Street and a City-wide Roadway Reconstruction Program.

**Justification**

This project provides for the timely maintenance of streets utilizing surface scarification and full depth paving to improve the surface condition and extend the useful service life of the streets. These projects address citizen concerns about street conditions. This project addresses pavements for major and neighborhood streets as the top two priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image.

| Expenditures                       | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Construction/Maintenance           | 4,501,782        | 5,175,000        | 4,950,000        | 5,875,000        | 4,920,000        | 25,421,782        |
| Transfers Out                      | 700,000          | 1,475,000        | 2,050,000        | 1,125,000        | 2,080,000        | 7,430,000         |
| <b>Total</b>                       | <b>5,201,782</b> | <b>6,650,000</b> | <b>7,000,000</b> | <b>7,000,000</b> | <b>7,000,000</b> | <b>32,851,782</b> |
| Funding Sources                    | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
| Local Option Sales and Service Tax | 5,000,000        | 6,000,000        | 7,000,000        | 7,000,000        | 7,000,000        | 32,000,000        |
| Road Use Tax Fund                  |                  | 650,000          |                  |                  |                  | 650,000           |
| <b>Total</b>                       | <b>5,000,000</b> | <b>6,650,000</b> | <b>7,000,000</b> | <b>7,000,000</b> | <b>7,000,000</b> | <b>32,650,000</b> |

**Budget Impact/Other**

The project will help reduce the maintenance expense in the Road Use Tax Fund for crack sealing, and preventative maintenance activities.

Transfers Out  
 ST269 Active Transport - \$350,000  
 SM068 Closes Creek - \$350,000  
 ST277 2nd Ave - \$850,000  
 ST139 RR Street Crossing Repair - \$200,000 (FY25)  
 ST269 Active Transport - \$80,000 (FY26)  
 STx27 19th & MLK Modifications - \$125,000 (FY23); \$1,625,000 (FY24)  
 STx28 30st St Sidewalk - \$30,000 (FY24); \$300,000 (FY25)  
 STx32 SE 14th & Maury - \$250,000 (FY23); \$125,000 (FY24); \$375,000 (FY25); \$1,750,000 (FY26)  
 TR031 Traffic Studies - \$250,000 (every year starting in FY23)

Project # SW081 C038EG  
 Project Name Sidewalks - School and Priority Routes

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 50 years  
 Category Street Reconstruction

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$11,366,939  
 This project implements the City's Neighborhood Sidewalk Program which involves constructing new sidewalks to fill sidewalk gaps in the City. Initial focus in on school recommended walk routes, proximity to schools, bus stops and commercial nodes, and/or providing connectivity for long segments of sidewalks.

**Justification**  
 PlanDSM includes transportation goals of developing a complete multi-modal transportation network for pedestrians, bikes, transit, and automobiles. MoveDSM identified how transportation supports the City's goals outlined in PlanDSM for safety, quality of life, and economic development to ensure that Des Moines is best positioned to provide transportation options for all users in every stage of life. MoveDSM inventoried sidewalk gaps in the City and identified 180 miles of high priority gaps based proximity to schools, bus stops, commercial nodes and a connectivity assessment. The Neighborhood Sidewalk Program addresses those sidewalk gaps.

| Expenditures                       | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Construction/Maintenance           | 2,366,939        | 2,865,150        | 2,000,000        | 2,000,000        | 2,000,000        | 11,232,089        |
| Transfers Out                      |                  | 134,850          |                  |                  |                  | 134,850           |
| <b>Total</b>                       | <b>2,366,939</b> | <b>3,000,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>11,366,939</b> |
| Funding Sources                    | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
| General Obligation Bonds           | 2,000,000        | 2,000,000        | 2,000,000        | 2,000,000        | 2,000,000        | 10,000,000        |
| Local Option Sales and Service Tax |                  | 1,000,000        |                  |                  |                  | 1,000,000         |
| Road Use Tax Fund                  | 167,000          |                  |                  |                  |                  | 167,000           |
| Transfers In                       | 200,000          |                  |                  |                  |                  | 200,000           |
| <b>Total</b>                       | <b>2,367,000</b> | <b>3,000,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>11,367,000</b> |

**Budget Impact/Other**  
 This project is not expected to significantly impact the operating budget of the General Fund.  
 Transfers In  
 SW084 City Wide Sidewalk - \$200,000

Project # SW082 C038EG  
 Project Name Easter Lake Drive Sidewalk

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Street Construction

Ward 4 UR Area  
 Grantee

**Description** Total Project Cost: \$2,200,000  
 Construction of a sidewalk/trail along Easter Lake Drive.

**Justification**  
 This area currently lacks a sidewalk. When constructed, it will provide access for residents to the Easter Lake trail system.

| Expenditures             | 2022 | 2023           | 2024             | 2025 | 2026 | Total            |
|--------------------------|------|----------------|------------------|------|------|------------------|
| Planning/Design          |      | 50,000         |                  |      |      | 50,000           |
| Construction/Maintenance |      | 450,000        | 1,700,000        |      |      | 2,150,000        |
| <b>Total</b>             |      | <b>500,000</b> | <b>1,700,000</b> |      |      | <b>2,200,000</b> |

  

| Funding Sources          | 2022 | 2023           | 2024             | 2025 | 2026 | Total            |
|--------------------------|------|----------------|------------------|------|------|------------------|
| General Obligation Bonds |      | 500,000        | 1,700,000        |      |      | 2,200,000        |
| <b>Total</b>             |      | <b>500,000</b> | <b>1,700,000</b> |      |      | <b>2,200,000</b> |

**Budget Impact/Other**

Project # SW084 C038EG  
 Project Name Sidewalk Replacement

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 50 years  
 Category Street Reconstruction

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$3,776,422  
 This project provides for a City-wide program to replace deteriorated city sidewalks and sidewalk ramps, sidewalks damaged by City activities, street trees and sidewalks for residents that qualify for income subsidies. The Engineering Department inspects sidewalks adjacent to private property in response to concerns raised by residents, as well as public walks in front of City facilities and adjacent to City owned properties. Property owners are notified if inspection indicates the need for a sidewalk to be replaced. The property owners have 180 days to replace the defective sidewalk.

**Justification**  
 This project repairs existing sidewalks and improves the condition of sidewalks. It is one of the top priorities for the Engineering and Public Works Departments. This project will help address citizen concerns and comply with ADA requirements.

| Expenditures             | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 776,422        | 400,000        | 700,000        | 700,000        | 700,000        | 3,276,422        |
| Transfers Out            | 200,000        | 300,000        |                |                |                | 500,000          |
| <b>Total</b>             | <b>976,422</b> | <b>700,000</b> | <b>700,000</b> | <b>700,000</b> | <b>700,000</b> | <b>3,776,422</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| General Obligation Bonds | 675,000        | 700,000        | 700,000        | 700,000        | 700,000        | 3,475,000        |
| <b>Total</b>             | <b>675,000</b> | <b>700,000</b> | <b>700,000</b> | <b>700,000</b> | <b>700,000</b> | <b>3,475,000</b> |

**Budget Impact/Other**  
 This project is not expected to significantly impact the operating budget of the General Fund.

Project # SW094 C038EG  
 Project Name Skywalk System

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 50 years  
 Category Street Reconstruction

Ward 3

UR Area Metro Center

Grantee

**Description**

Total Project Cost: \$2,035,897

This project provides for the construction and repairs to the second level, enclosed, climate-controlled pedestrian skywalk system within the Skywalk District in the Central Business District. The skywalk system has access points at adjoining buildings and all the parking garages within the area. A consultant may be used for design and construction phase services. There are currently 54 existing skywalk bridges with a 2012 insured value of over \$33 Million. A structural and architectural analysis was completed to identify improvements needed throughout the skywalk system. Proposed improvements include HVAC improvements at various skywalk locations and various structural repairs across the entire system.

**Justification**

This project will separate pedestrians and vehicles in the Central Business District, protect pedestrians from adverse weather, encourage more efficient use of parking facilities, encourage economic development and redevelopment in the downtown area and provide an opportunity for aesthetic improvements. The Skywalk system is 40 years old and in need of capital investment to protect and maintain this significant asset. Many HVAC and roofing systems are in need of replacement as they are close to their end of life cycle.

| Expenditures                | 2022             | 2023           | 2024           | 2025           | 2026           | Total            |
|-----------------------------|------------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance    | 1,035,897        | 250,000        | 250,000        | 250,000        | 250,000        | 2,035,897        |
| <b>Total</b>                | <b>1,035,897</b> | <b>250,000</b> | <b>250,000</b> | <b>250,000</b> | <b>250,000</b> | <b>2,035,897</b> |
| Funding Sources             | 2022             | 2023           | 2024           | 2025           | 2026           | Total            |
| Tax Increment Funding Bonds | 250,000          | 250,000        | 250,000        | 250,000        | 250,000        | 1,250,000        |
| <b>Total</b>                | <b>250,000</b>   | <b>250,000</b> | <b>250,000</b> | <b>250,000</b> | <b>250,000</b> | <b>1,250,000</b> |

**Budget Impact/Other**

These projects are not anticipated to have any effect on the operating budget of the City, as the skywalks are maintained and operated by adjacent property owners connected to the skywalk system.

Project # SW095 C038EG  
 Project Name Sidewalks - ADA Compliance

Department Street  
 Contact City Engineer  
 Type One Phase  
 Useful Life 50 years  
 Category Street Reconstruction

Ward All UR Area  
 Grantee

**Description**

Total Project Cost: \$120,989

This project provides funding for sidewalk curb ramp improvements in compliance with Section 504 of the Rehabilitation Act of 1973 and Title II of the Americans with Disabilities Act of 1990 (ADA). Since January 26, 1992, cities have been required to bring sidewalks into compliance with the ADA in coordination with any paving, repaving, or street surfacing project. In the fall of 2014, the City was given an extension for all sidewalks to be in compliance by March of 2023. In addition, the City Council approved Phase III (Curb Ramps) of the ADA Transition Plan on November 23, 2009 (RC 09-2124) - this project currently does not provide funding to completely meet those needs. The 2020 ADA Ramp Contract was awarded March 9, 2020 and will be the last required ADA ramp contract to fulfill the ramp upgrade requirements of Project Civic Access. The City currently constructs ramps as part of any paving, repaving, or street surfacing project at a cost of approximately \$800,000/year.

**Justification**

Public rights-of-way and facilities are required to be accessible to persons with disabilities through the following statutes: Section 504 of the Rehabilitation Act of 1973 (Section 504) (29 U.S.C. §794) and Title II of the Americans with Disabilities Act of 1990 (ADA) (42 U.S.C. §§ 12131-12164). The laws work together to achieve this goal. Funding for this project is only intended for curb ramp needs required in the Settlement Agreement with the DOJ under "Project Civic Access" (DJ#204-28-72).

| Expenditures             | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|--------------------------|----------------|------|------|------|------|----------------|
| Construction/Maintenance | 300            |      |      |      |      | 300            |
| Transfers Out            | 120,689        |      |      |      |      | 120,689        |
| <b>Total</b>             | <b>120,989</b> |      |      |      |      | <b>120,989</b> |

**Budget Impact/Other**

This project is not expected to significantly impact the operating budget of the General Fund.

Project # **TR031 C038EG**  
 Project Name **Traffic Studies & Improvements**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Street Reconstruction

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$2,803,668  
 This project includes traffic studies and/or traffic control improvements for intersections or corridors as identified by neighborhood association planning or other initiatives within the City. The studies and improvements will address safety and mobility for all modes of traffic throughout Des Moines. This project includes projects developed through the City's Neighborhood Traffic Calming Program, including implementation projects (FY22 & FY23) on Cleveland, SW 23rd, 38th, Madison, High, Guthrie, E Douglas, 56th and Phillips Elementary neighborhood. Also included is the SW 9th Street traffic study and the Hickman Road land reduction study.

**Justification**  
 This project provides funding for traffic studies and traffic control improvements that are in support of the Plan DSM Transportation Goals and Policies.

| Expenditures    | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|-----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Planning/Design | 637,025        | 500,000        | 500,000        | 500,000        | 500,000        | 2,637,025        |
| Transfers Out   | 166,643        |                |                |                |                | 166,643          |
| <b>Total</b>    | <b>803,668</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>2,803,668</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| General Obligation Bonds | 250,000        | 250,000        | 250,000        | 250,000        | 250,000        | 1,250,000        |
| Transfers In             | 214,138        | 250,000        | 250,000        | 250,000        | 250,000        | 1,214,138        |
| <b>Total</b>             | <b>464,138</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>500,000</b> | <b>2,464,138</b> |

**Budget Impact/Other**  
 The project by itself is not expected to have a significant impact on the operating departments responsible for maintaining the identified improvements. The cumulative impact of the addition of new traffic control devices, pavement area, and signage will increase maintenance needs such as additional staffing, materials, or fleet equipment, during the life of the improvements.

Transfers In  
 ST273 Hubbell & Broadway - \$114,138  
 ST260 Roadway Reconstruction - \$25,000  
 TR102 Traffic Signal New - \$75,000  
 ST800 LOSST - \$250,000 (every year starting in FY23)

Project # **TR091 C038EG**  
 Project Name **Traffic Signals - Replacement**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Street Reconstruction

Ward All  
 UR Area  
 Grantee

**Description** Total Project Cost: \$7,128,305

This project includes traffic signalization improvements throughout the City including the reconstruction of traffic signal infrastructure, new or upgraded associated traffic control signage and the replacement of failed or out of date signal equipment and detection. Iowa DOT Traffic Safety or U-STEP funds are sometimes used to supplement City funding for these projects. The current funding replaces 4 traffic signals per year. Planned projects include completion of traffic signal replacements at the following intersections in FY2022: 2nd Avenue & Hull Avenue and Beaver Avenue & Franklin Avenue. Planned projects include completion of traffic signal replacement set the following intersections in FY2023: Indianola Avenue & Hartford Avenue, ML King Jr. Parkway & Clark Street, E Army Post Road and SW 9th Street and E Army Post Road & Southridge Entrance. Annual improvements include flashing yellow arrow signal upgrades, vehicle and pedestrian detection replacement and countdown pedestrian signal upgrades.

**Justification**

Improvements will provide safer and more efficient movement of pedestrian, bicyclist and vehicular traffic.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Construction/Maintenance | 1,328,305        | 1,450,000        | 1,450,000        | 1,450,000        | 1,450,000        | 7,128,305        |
| <b>Total</b>             | <b>1,328,305</b> | <b>1,450,000</b> | <b>1,450,000</b> | <b>1,450,000</b> | <b>1,450,000</b> | <b>7,128,305</b> |

  

| Funding Sources          | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| General Obligation Bonds | 600,000          | 1,100,000        | 1,100,000        | 1,100,000        | 1,100,000        | 5,000,000        |
| Road Use Tax Fund        | 200,000          | 200,000          | 200,000          | 200,000          | 200,000          | 1,000,000        |
| State                    | 150,000          | 150,000          | 150,000          | 150,000          | 150,000          | 750,000          |
| Transfers In             | 100,000          |                  |                  |                  |                  | 100,000          |
| <b>Total</b>             | <b>1,050,000</b> | <b>1,450,000</b> | <b>1,450,000</b> | <b>1,450,000</b> | <b>1,450,000</b> | <b>6,850,000</b> |

**Budget Impact/Other**

Updating antiquated infrastructure and equipment reduces overall maintenance costs by reducing multiple repair trips and increasing energy efficiency.

Transfers In  
 ST287 Midblock - \$100,000

Project # **TR097 C038EG**  
 Project Name **Traffic System Operation Improvements**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Street Reconstruction

Ward All UR Area  
 Grantee

**Description** Total Project Cost: \$11,667,897

This project provides for installing and upgrading the interconnection between the City's 425+ traffic signals, new technologies in traffic control systems and maintaining up-to-date traffic signal timing and coordination plans. Iowa DOT Traffic Safety funds and Iowa Clean Air Attainment Program funds are often used to supplement City funding for these projects. Included in this project is a phased program to update all the City's traffic signal timing and coordination plans, add battery back-up units to key intersections and replacement of the City's Intelligent Transportation System (ITS) infrastructure (traffic signal controllers, traffic management software, observation camera system, etc.) with technologies to meet our current needs and provide flexibility for the future. Phase 1 of the ITS Master Plan was completed in December 2021. Phase 2 of the ITS Master Plan is planned to be completed in December 2022. Design for Phase 3 of the ITS Master Plan will be completed in FY2023.

**Justification**

This project will provide improved traffic flow and monitoring capabilities along major corridors. The ITS infrastructure upgrades will replace existing antiquated traffic signal technologies that continue to be a challenge to maintain.

| Expenditures             | 2022             | 2023             | 2024             | 2025             | 2026             | Total             |
|--------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Construction/Maintenance | 4,667,897        | 1,500,000        | 1,500,000        | 2,000,000        | 2,000,000        | 11,667,897        |
| <b>Total</b>             | <b>4,667,897</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>11,667,897</b> |

  

| Funding Sources          | 2022             | 2023             | 2024             | 2025             | 2026             | Total            |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Federal                  | 529,101          | 300,000          | 300,000          | 500,000          | 500,000          | 2,129,101        |
| General Obligation Bonds | 1,000,000        | 1,200,000        | 1,200,000        | 1,500,000        | 1,500,000        | 6,400,000        |
| <b>Total</b>             | <b>1,529,101</b> | <b>1,500,000</b> | <b>1,500,000</b> | <b>2,000,000</b> | <b>2,000,000</b> | <b>8,529,101</b> |

**Budget Impact/Other**

The cumulative impact of the addition of new traffic control devices, pavement area, and signage will increase maintenance needs such as additional staffing, materials, or fleet equipment, during the life of the improvements. The ITS Master Plan Implementation may increase operating budget costs to effectively maintain, monitor and improve traffic operations. The ITS Master Plan may require increased staffing, software licensing, and maintenance of additional equipment.

Project # **TR100 C038EG**  
 Project Name **LED Street Lighting Upgrades**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 20 years  
 Category Street Reconstruction

Ward 3, 4  
 UR Area  
 Grantee

**Description**

Total Project Cost: \$900,001

This project provides for the upgrade of existing City-owned street light fixtures to LED fixtures. Previous projects included converting existing metal halide street lighting to LED street lighting on M.L. King Jr Parkway from SW 11th Street to SE 9th Street. The next phase will convert existing city-owned street lighting to LED street lighting in the Western Gateway as well as bridges where streetlighting is still owned and operated by the City.

**Justification**

This project supports the City's goal to be a sustainable green community by providing more energy efficient roadway lighting as well as reducing operating costs due to maintenance and energy use.

| Expenditures             | 2022           | 2023           | 2024           | 2025           | 2026           | Total          |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Construction/Maintenance | 15,001         | 150,000        | 150,000        | 150,000        | 150,000        | 615,001        |
| Transfers Out            | 285,000        |                |                |                |                | 285,000        |
| <b>Total</b>             | <b>300,001</b> | <b>150,000</b> | <b>150,000</b> | <b>150,000</b> | <b>150,000</b> | <b>900,001</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total          |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| General Obligation Bonds | 150,000        | 150,000        | 150,000        | 150,000        | 150,000        | 750,000        |
| <b>Total</b>             | <b>150,000</b> | <b>150,000</b> | <b>150,000</b> | <b>150,000</b> | <b>150,000</b> | <b>750,000</b> |

**Budget Impact/Other**

This project will reduce maintenance expenses in the Road Use Fund.

Project # **TR101 C038EG**  
 Project Name **Transportation Master Plan**

Department Street  
 Contact City Engineer  
 Type Multi-Phase  
 Useful Life 25 years  
 Category Street Reconstruction

Ward All UR Area  
 Grantee

**Description**

Total Project Cost: \$351,928

The first phase of the Transportation Master Plan, MoveDSM, has been completed and adopted by City Council. The next phase will develop plans and policies needed to implement elements outlined in the MoveDSM. The project scope will include development of an access management policy, implementation tools for a connectivity framework, speed management program and a safety framework for prioritizing projects based on safety needs.

**Justification**

Continued efforts to work toward several of the goals outlined in the Plan DSM Transportation Goals and Policies, and will specifically accomplish Goal 1: Policy T1.

| Expenditures    | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|-----------------|----------------|------|------|------|------|----------------|
| Planning/Design | 351,928        |      |      |      |      | 351,928        |
| <b>Total</b>    | <b>351,928</b> |      |      |      |      | <b>351,928</b> |

| Funding Sources | 2022           | 2023 | 2024 | 2025 | 2026 | Total          |
|-----------------|----------------|------|------|------|------|----------------|
| Transfers In    | 115,000        |      |      |      |      | 115,000        |
| <b>Total</b>    | <b>115,000</b> |      |      |      |      | <b>115,000</b> |

**Budget Impact/Other**

The project by itself is not expected to have a significant impact on the operating departments responsible for maintaining the identified improvements. The cumulative impact of the addition of new traffic control devices, pavement area, and signage will increase maintenance needs such as additional staffing, materials or fleet equipment during the life of the improvements.

Transfers In  
 ST287 Midblock - \$115,000

Project # **TR102 C038EG**  
 Project Name **Traffic & Pedestrian Signals - New**

Department Street  
 Contact City Engineer  
 Type Ongoing  
 Useful Life 10 years  
 Category Street Reconstruction

Ward \_\_\_\_\_ UR Area \_\_\_\_\_  
 Grantee \_\_\_\_\_

**Description** Total Project Cost: \$1,970,977  
 This project constructs new traffic signals and pedestrian crossings.

**Justification**  
 New signals and pedestrian crossings are requested by the public and Council. Changes to traffic and/or pedestrian conditions and land use can warrant the need for additional traffic or pedestrian signals to help address safety and mobility issues. This project would provide dedicated funding to install traffic and pedestrian signals to improve mobility and safety when warranted.

| Expenditures             | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 60,977         | 250,000        | 250,000        | 250,000        | 250,000        | 1,060,977        |
| Transfers Out            | 910,000        |                |                |                |                | 910,000          |
| <b>Total</b>             | <b>970,977</b> | <b>250,000</b> | <b>250,000</b> | <b>250,000</b> | <b>250,000</b> | <b>1,970,977</b> |

  

| Funding Sources          | 2022           | 2023           | 2024           | 2025           | 2026           | Total            |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| General Obligation Bonds | 250,000        | 250,000        | 250,000        | 250,000        | 250,000        | 1,250,000        |
| <b>Total</b>             | <b>250,000</b> | <b>250,000</b> | <b>250,000</b> | <b>250,000</b> | <b>250,000</b> | <b>1,250,000</b> |

**Budget Impact/Other**  
 As the number of traffic signals increase, the need for resources and staffing to maintain the traffic signals also increases. For every 20 signals added, the addition of another signal technician should be considered in order to meet national standards for maintenance and operation.