



## CITY OF WASHINGTON, ILLINOIS

### Committee of the Whole Agenda Communication

**Meeting Date:** July 10, 2023

**Prepared By:** Dennis Carr – City Engineer

**Agenda Item:** Stormwater Project Funding Alternatives

**Explanation:** Staff brought a list of priorities to the July and September Committee of the Whole meetings for discussion. After the discussions, no consensus was achieved on prioritization or bonding, but council did approve the design of the 10 priority list projects. TWM was contracted to design each and tighten up the estimated costs.

**Fiscal Impact:** Staff has \$1,000,000 budgeted in FY 2023-24 for a drainage project.

The Home Rule sales tax increase that we started collecting in July 2022 is projected to provide funding of over \$1.1 million annually designated for stormwater management.

**Recommendation Summary:** The projects were designed and staff has established a draft prioritization list below. Project K has a direct impact on the Catherine Street Project which is slated for 2024, so staff recommends moving forward with Project K first and foremost whether council decides to bond or pay as our revenue allows. Bonding allows for us to complete all projects earlier and a combination of bonding and leaving sufficient funds available for property acquisition and related engineering as will be needed in the interim for projects such as Regional Basin C (Washington Estates) and Project E (Pintail/Patricia) may provide the best solution to take advantage of the interest yield spread as further explained in the Mesirow attachments.

| Project           | Location   | Eng. Est.          | Mitigation Points | Buildings Mitigated | Cost/Buildings Mitigated | Property Required |
|-------------------|--|--------------------|-------------------|---------------------|--------------------------|-------------------|
| Project K         | High, Cedar, Catherine, Holland Storm Sewer          | \$1,750,000        | 4.1               | 9                   | \$194,444.44             |                   |
| Project L         | Walnut and Adams Storm Sewer                         | \$1,250,000        | 11.8              | 18                  | \$69,444.44              |                   |
| <i>Regional C</i> | <i>Detention NW of Elgin or Channel Improvements</i> | <i>\$990,000</i>   |                   |                     |                          | <i>Yes</i>        |
| Project C         | Grandyle Relief Sewer                                | \$465,000          | 7.3               | 20                  | \$23,250.00              |                   |
| <i>Project E</i>  | <i>Detention NW of Patricia</i>                      | <i>\$600,000</i>   | <i>1.7</i>        | <i>7</i>            | <i>\$85,714.29</i>       | <i>Yes</i>        |
| <i>Regional A</i> | <i>Detention located north of Dallas/Cruger</i>      | <i>\$4,600,000</i> |                   |                     |                          |                   |
| Project B         | Northridge Storm Sewer                               | \$215,000          | 3.3               | 11                  | \$19,545.45              |                   |
| <i>Regional D</i> | <i>Detention in Washington Park</i>                  | <i>\$345,000</i>   |                   |                     |                          |                   |
| Project A         | Meadowview Storm Sewer                               | \$500,000          | 2.3               | 8                   | \$62,500.00              |                   |
| Project U         | Locust Storm Sewer                                   | \$280,000          | 2.6               | 3                   | \$93,333.33              |                   |
|                   |  | \$10,995,000       |                   |                     |                          |                   |

|                       |             |
|-----------------------|-------------|
| <b>Basin Projects</b> | \$6,535,000 |
| <b>Pipe Projects</b>  | \$4,460,000 |

## Bonding Alternatives

| Project           | Location   | Bond For 5 million | Bond For 10 Million |
|-------------------|--|--------------------|---------------------|
| Project K         | High, Cedar, Catherine, Holland Storm Sewer          |                    |                     |
| Project L         | Walnut and Adams Storm Sewer                         | \$1,250,000        | \$1,250,000         |
| <i>Regional C</i> | <i>Detention NW of Elgin or Channel Improvements</i> | <i>\$990,000</i>   | <i>\$990,000</i>    |
| Project C         | Grandyle Relief Sewer                                | \$465,000          | \$465,000           |
| <i>Project E</i>  | <i>Detention NW of Patricia</i>                      | <i>\$600,000</i>   | <i>\$600,000</i>    |
| <i>Regional A</i> | Detention located north of Dallas/Cruger             |                    | \$4,600,000         |
| Project B         | Northridge Storm Sewer                               | \$215,000          | \$215,000           |
| <i>Regional D</i> | Detention in Washington Park                         | \$345,000          | \$345,000           |
| Project A         | Meadowview Storm Sewer                               | \$500,000          | \$500,000           |
| Project U         | Locust Stom Sewer                                    | \$280,000          | \$280,000           |
|                   |  | <u>\$4,645,000</u> | <u>\$9,245,000</u>  |

## \$600,000 a year Unencumbered

| FY    | Begin Fund Balance | Revenue     | Expenditures |                | End Year Balance |
|-------|--------------------|-------------|--------------|----------------|------------------|
| 23/24 | \$0                | \$1,100,000 | -\$1,750,000 | Proj K         | \$1,100,000      |
| 24/25 | \$1,100,000        | \$1,100,000 |              |                | \$450,000        |
| 24/25 | Bonded Projects    |             |              |                |                  |
| 25/26 | \$450,000          | \$600,000   | -\$200,000   | Bridge Designs | \$850,000        |
| 26/27 | \$850,000          | \$600,000   | -\$750,000   | S. Main Bridge | \$700,000        |
| 27/28 | \$700,000          | \$600,000   | -\$750,000   | N. Main Bridge | \$550,000        |
| 28/29 | \$550,000          | \$600,000   |              |                | \$1,150,000      |

\*Bond Payments don't begin until 2025. Stormwater Fund will have enough to cover Project K before bond payments begin.

### TWM Identified Projects

| Project Name   | Description  | Cost (\$)   |
|----------------|--|-------------|
| A*             | Meadowview Lane storm sewer                              | \$600,000   |
| Reg. A         | Regional detention pond north of Cruger Road             | \$5,200,000 |
| B*             | Northridge Lane backyard storm sewer trunk line          | \$1,200,000 |
| Reg. B         | Regional detention pond north of Cruger Road             | \$2,100,000 |
| C*             | Grandyle Drive relief storm sewer                        | \$700,000   |
| Rec. C         | Regional detention pond west of Elgin Avenue             | \$737,000   |
| Reg. C, Alt. 1 | Channelized excavation in Washington Estates             | \$924,000   |
| Reg. C, Alt. 2 | Enlarged Washington Road culvert near Washington Estates | \$486,000   |
| D              | Enlarged Jaders Way detention basin                      | \$530,000   |
| Reg. D         | Regional detention pond in Washington Park               | \$134,000   |
| E*             | Enlarged Patricia Street detention basin                 | \$450,000   |
| F              | Kelsey Street berm reconstruction                        | \$110,000   |
| G              | Muller Road storm sewer and storage basin                | \$1,500,000 |
| H              | South Main Street storm sewer at Farm Creek              | \$740,000   |
| I              | Crestview Drive ditch regrading                          | \$100,000   |
| J              | South Main Street and Burton Street storm sewer          | \$650,000   |
| K*             | South High Street and South Cedar Street storm sewer     | \$1,900,000 |
| L*             | Walnut Street and Adams Street storm sewer               | \$1,300,000 |
| M              | Miller Street and Brookcrest storm sewer                 | \$820,000   |
| N              | Monroe Street and North Main Street storm sewer          | \$350,000   |
| O              | Wilshire Drive to Washington Park storm sewer            | \$650,000   |
| P              | Cambridge Drive to Washington Park storm sewer           | \$630,000   |
| Q*             | Knollair storm sewer                                     | \$720,000   |
| R              | Peach Street storm sewer                                 | \$350,000   |
| S              | Wagner Street storm sewer                                | \$520,000   |
| T              | Brookshire Drive and Kern Road storm sewers              | \$700,000   |
| U*             | Locust Street storm sewer                                | \$300,000   |
| V              | Parkview Drive and Greenfield Drive storm sewer          | \$800,000   |
| W              | Kern Road storage basin and Woodland Trail storm sewer   | \$880,000   |
| X              | Tiezzi Lane and Michael Court storm sewer                | \$350,000   |

\*priority project