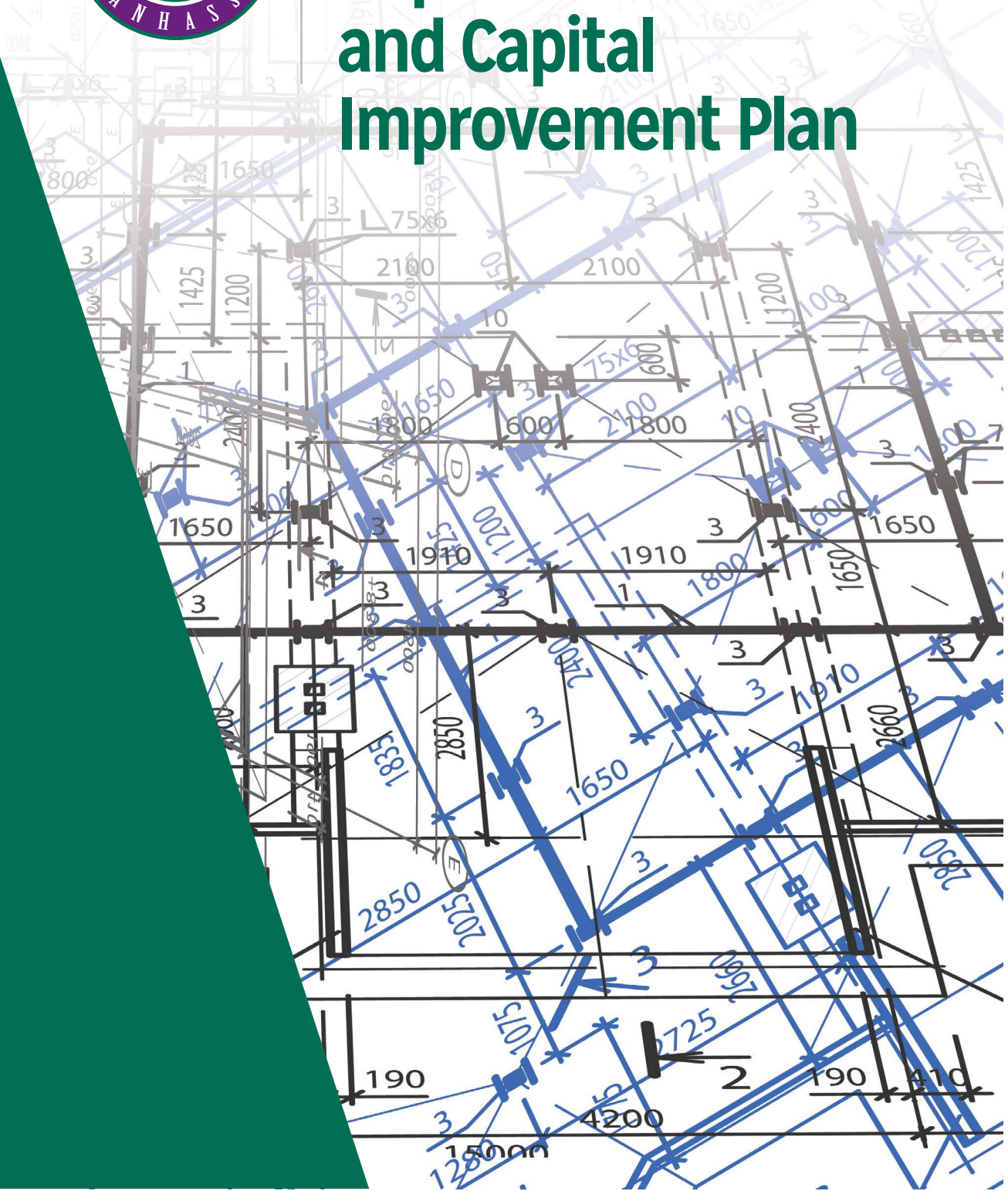




## Chapter 10

# Comprehensive Plan Implementation and Capital Improvement Plan



# 10 | Comprehensive Plan and Capital Improvement Plan

This element contains a summary of the city code amendments required, initiatives and capital improvements that are necessary to implement the Comprehensive Plan for the next five years. It pulls together the recommendations of the various elements to provide an overview of the capital costs. The Capital Improvement element is designed to show the magnitude and timing for the construction of public improvements and provide a guide for future capital budgeting in the community. However, the city adopts a separate, five-year capital improvement program annually.

## 10.1 | Future Water System Facilities

### Official Controls

The city has zoning controls in place governing all properties within the community. Throughout the period covered by this plan, the city will continually evaluate its ordinances to ensure that they are in line with the goals and policies outlined in this plan. Changes to official controls within this plan include:

**Table 10.1 | Official Control Change**

| Official Control Change:   | Completion Date                    |
|--|------------------------------------|
| Review existing ordinances to ensure compatibility with 2040 Comprehensive Plan              | December 31, 2019                  |
| Update the City's Surface Water Management Plan (SWMP) in response to any regulation changes | June 30, 2019<br>Ongoing/as needed |

Amend the city code to include the following items pertaining to solar energy: definitions, permitted uses and plans, access to sunlight.

Ongoing review of city ordinances to ensure that the code is in line with emerging trends, best management practices, and changing requirements and regulations.

Establish and implement ongoing education programs designed to educate landowners in sensitive environmental areas and management practices and develop and maintain a public education program.

Revise standards to require at a minimum the use of the 30-20-10 rule to select trees for projects.

### Surface water

Major revisions to Chapters 19 and 20.

1. Required to be compliant with our NPDES permit and required for permit reissuance.
2. Required by our Watershed Management Organizations in conjunction with their 10 year Comp Plan updates (all four are also updating now)
3. Necessary to obtain LGU regulatory authority from the Watershed Management Organizations

## Initiatives

### Administrative

Work with other governmental agencies and units to streamline, simplify and coordinate development review.

## Natural Resources

- » Develop a Forestry Management Plan by identifying strategies or means to achieve the objectives of a safe, healthy, diverse and functional urban forest.
- » Develop a Natural Resources Stewardship Plan that would identify, prioritize, and recommend restoration and management strategies for all public natural areas.
- » Become certified as a GreenStep City.

## Parks and Trails

Initiatives are specific actions or steps that are recommended for implementation. Initiatives are organized by the topic areas of parks, facilities, trails, preserves, programming and operations. The System Plan is the guiding document relative to City Initiatives for the Parks and Recreation System. Prioritization of the initiatives separated the actions in the time frames of short term, long-term and ongoing. The plan remains flexible so that all initiatives will occur as opportunities arise.

The initiatives included in the System Plan are summarized by category below: and shown on the maps on the following page:

### Parks

- » Maintain Lake Ann Park as the premier community park
- » Add amenities to Bandimere, City Center and Lake Susan Community Parks
- » Use a maintenance and replacement schedule to keep neighborhood park facilities up to date
- » Seek opportunities to expand the park network to serve changing community needs and preserve natural amenities.

### Preserves

- » Continue to preserve sensitive lands within the Bluff Creek Corridor
- » Collaborate with other agencies to protect the Seminary Fen
- » Collaborate with other agencies to protect the Minnesota River Valley
- » Expand marketing and wayfinding
- » Expand opportunities to interact with and explore nature
- » Identify and protect natural areas that link parks, preserves, and destinations
- » Develop a Natural Resource Management Plan

### Facilities

- » Identify and construct a year-round signature recreation facility in the community
- » Add a destination splash pad at a community park
- » Establish an interpretative center with outdoor lab space and nature-based play
- » Add community-scale nature play at a community park and unstructured nature play throughout the community as appropriate
- » Improve user amenities at existing facilities
- » Explore opportunities for a second community garden
- » Implement recommendations of the Athletic Fields Study

### Programming

- » Continue to host at least five major community events
- » Expand informal, year-round events and nature-based programs
- » Collaborate with new and existing partner organizations to provide events and programming

- » Establish an Event Management Plan
- » Annually assess pricing structure

## Trails

- » Address trail gaps and trail crossing safety issues
- » Work with partner agencies to reopen Minnesota River Bluff LRT Regional Trail
- » Complete trail connection to Minnesota River
- » Increase maps and wayfinding to identify loops, distances, and destinations
- » Provide more user amenities
- » Expand the number of natural surface trails
- » Explore opportunities to add trailheads
- » Initiate a single-track mountain bike trail study

## Operations

- » Use System Plan as a basis for budgeting and Capital Improvement Plan
- » Incorporate sustainable design and maintenance practices to make
- » Chanhassen a model
- » Create a tobacco use policy
- » Communicate benefits of parks and recreation
- » Establish a formal review process for program and event development.

## Surface Water

Adding to the SWMP new Appendices for Enforcement Response Procedures, Public BMP Maintenance, Facility Maintenance, and Vegetation Management Plan, Illicit Discharge and Detection Program, Standard Details and Specification Manual.

## Table 10.2 | Comprehensive Plan Implementation

| Comprehensive Plan Implementation  |              |               |              |               |               |               |              |              |              |              |                |
|------------------------------------|--------------|---------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|----------------|
|                                    | 2018         | 2019          | 2020         | 2021          | 2022          | 2023          | 2024         | 2025         | 2026         | 2027         | TOTALS         |
| <b>Parks &amp; Trails</b>          |              |               |              |               |               |               |              |              |              |              |                |
| Neighborhood Park Shelters         | \$ 80,000    |               | \$ 640,000   |               |               |               |              |              |              |              | \$ 720,000     |
| Chan Nature Preserve Trail         |              |               | \$ 90,000    |               |               |               |              |              |              |              | \$ 90,000      |
| Fox Woods trails                   |              |               |              |               |               |               |              |              |              |              | \$ -           |
| Arboretum Trail/Hwy 61 underpass   |              | \$ 140,000    |              |               |               |               |              |              |              |              | \$ 140,000     |
| CSAH 61 trail                      |              |               |              |               |               |               |              |              |              |              | \$ -           |
| Neighborhood Park Improvements     |              | \$ 561,000    | \$ 169,000   | \$ 426,000    | \$ 17,000     | \$ 478,000    | \$ 73,000    | \$ 338,000   | \$ 783,000   | \$ 79,000    |                |
| Community Park Improvements        |              |               |              |               |               |               | \$ 65,000    | \$ 120,000   |              |              |                |
| <b>Subtotal</b>                    | \$ 80,000    | \$ 701,000    | \$ 899,000   | \$ 426,000    | \$ 17,000     | \$ 478,000    | \$ 138,000   | \$ 458,000   | \$ 783,000   | \$ 79,000    | \$ 4,059,000   |
| <b>Roads</b>                       |              |               |              |               |               |               |              |              |              |              |                |
| Annual Local Street Improvements   |              | 2,700,000     | 3,300,000    | 1,600,000     | 2,200,000     | 3,300,000     | 3,399,000    | 3,500,000    | 3,606,000    | 3,700,000    | 3,825,604      |
| Collector Road Street Improvements |              | \$2,300,000   | \$2,100,000  | \$1,300,000   | \$1,900,000   | \$ 1,000,000  | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 12,600,000  |
| TH 101 Improvement                 |              |               |              |               | \$ 32,000,000 |               |              |              |              |              | \$ 32,000,000  |
| Market Blvd.                       |              |               |              | \$ 3,200,000  |               |               |              |              |              |              | \$ 3,200,000   |
| Lyman Blvd. Improvements           |              | \$ 13,900,000 |              |               |               |               |              |              |              |              | \$ 13,900,000  |
| Galpin Blvd. (north of Highway 5)  |              |               |              |               | \$ 10,000,000 |               |              |              |              |              |                |
| Pavement Management                | \$ 300,000   | \$ 300,000    | \$ 300,000   | \$ 300,000    | \$ 300,000    | \$ 300,000    | \$ 300,000   | \$ 300,000   | \$ 300,000   | \$ 300,000   | \$ 3,000,000   |
| <b>Subtotal</b>                    | \$ 300,000   | \$ 19,200,000 | \$ 5,700,000 | \$ 6,400,000  | \$ 46,400,000 | \$ 4,600,000  | \$ 4,699,000 | \$ 4,800,000 | \$ 4,906,000 | \$ 5,000,000 | \$ 102,005,000 |
| <b>Sewer</b>                       |              |               |              |               |               |               |              |              |              |              |                |
| LB1 Lift                           |              |               |              |               | \$ 6,110,000  | \$ 5,000,000  |              |              |              |              | \$ 11,110,000  |
| 2010 MUSA Lift Station             |              |               |              | \$ 2,100,000  |               |               |              |              |              |              | \$ 2,100,000   |
| Lower Bluff Creek Trunk            |              |               |              |               |               |               |              |              |              |              | \$ -           |
| Sewer Replacement                  |              | \$ 250,000    | \$ 75,000    | \$ 250,000    | \$ 75,000     | \$ 250,000    | \$ 75,000    | \$ 250,000   | \$ 10,000    | \$ 100,000   | \$ 1,335,000   |
| Lift Station rehabilitation        | \$ 75,000    | \$ 50,000     | \$ 50,000    | \$ 75,000     | \$ 50,000     | \$ 120,000    | \$ 50,000    | \$ 75,000    | \$ 75,000    | 75000        | \$ 695,000     |
| Trunk Oversizing                   |              |               | \$ 75,000    |               | \$ 75,000     |               |              |              |              |              | \$ 150,000     |
| TH 101 Pioneer Tr - CSAH 61        |              |               | \$ 750,000   |               |               |               |              |              |              |              | \$ 750,000     |
| I/I                                | \$ 200,000   | \$ 200,000    | \$ 200,000   | \$ 200,000    | \$ 200,000    | \$ 200,000    | \$ 200,000   | \$ 200,000   | \$ 200,000   | \$ 200,000   |                |
| <b>Subtotal</b>                    | \$ 275,000   | \$ 500,000    | \$ 1,150,000 | \$ 2,625,000  | \$ 6,510,000  | \$ 5,570,000  | \$ 325,000   | \$ 525,000   | \$ 285,000   | \$ 375,000   | \$ 18,140,000  |
| <b>Water</b>                       |              |               |              |               |               |               |              |              |              |              |                |
| West WTP                           |              |               |              |               |               |               |              |              |              |              | \$ -           |
| I/I abatement                      | \$ 200,000   | \$ 200,000    | \$ 200,000   | \$ 200,000    | \$ 200,000    | \$ 200,000    | \$ 200,000   | \$ 200,000   | \$ 200,000   | \$ 200,000   | \$ 2,000,000   |
| Lower Bluff Creek                  |              |               |              | \$ 1,100,000  |               |               |              |              |              |              | \$ 1,100,000   |
| TH 101 Pioneer Tr - CSAH 61        |              |               | \$ 850,000   |               |               |               |              |              |              |              | \$ 850,000     |
| Watermain replacement              |              | \$ 850,000    | \$ 100,000   | \$ 850,000    | \$ 100,000    | \$ 850,000    | \$ 100,000   | \$ 850,000   | \$ 450,000   | \$ 472,500   | \$ 4,622,500   |
| Well rehabilitation                | \$ 90,000    | \$ 90,000     | \$ 90,000    | \$ 90,000     | \$ 90,000     | \$ 90,000     | \$ 90,000    | \$ 90,000    | \$ 90,000    | \$ 94,500    | \$ 904,500     |
| Trunk oversizing                   |              |               | \$ 75,000    |               | \$ 75,000     |               |              |              |              |              | \$ 150,000     |
| Well #16                           |              |               |              |               |               | \$ 1,400,000  |              |              |              |              | \$ 1,400,000   |
| Well #17                           |              |               |              |               |               |               |              |              |              | \$ 1,600,000 |                |
| <b>Subtotal</b>                    | \$ 290,000   | \$ 1,140,000  | \$ 1,315,000 | \$ 2,240,000  | \$ 465,000    | \$ 2,540,000  | \$ 390,000   | \$ 1,140,000 | \$ 740,000   | \$ 2,367,000 | \$ 12,627,000  |
| <b>Surface Water</b>               |              |               |              |               |               |               |              |              |              |              |                |
| Lower Bluff Creek                  |              |               |              |               |               |               |              |              |              |              | \$ -           |
| W Central Lotus Lake Restoration   | \$ 250,000   |               |              |               |               |               |              |              |              |              | \$ 250,000     |
| Water Reuse Partnership Projects   | \$ 200,000   |               |              |               |               |               |              |              |              |              |                |
| Upper Riley Creek Stabilization    |              | \$ 100,000    |              |               |               |               |              |              |              |              | \$ 100,000     |
| Lake Susan Park water reuse        |              |               |              |               |               |               |              |              |              |              | \$ -           |
| Rice Marsh Lake sand filter        |              | \$ 300,000    |              |               |               |               |              |              |              |              | \$ 300,000     |
| Chan. High water reuse             |              |               |              |               |               |               |              |              |              |              | \$ -           |
| Property Acquisition               |              | \$ 75,000     | \$ 75,000    | \$ 75,000     |               | \$ 75,000     |              | \$ 75,000    |              | \$ 75,000    | \$ 450,000     |
| Street Improvements                |              | \$ 250,000    | \$ 250,000   | \$ 250,000    | \$ 100,000    | \$ 250,000    | \$ 55,000    | \$ 250,000   | \$ 100,000   | \$ 55,000    | \$ 1,560,000   |
| Stormwater Ponds                   | \$ 60,000    | \$ 80,000     | \$ 80,000    | \$ 80,000     | \$ 100,000    | \$ 100,000    | \$ 100,000   | \$ 100,000   | \$ 100,000   | \$ 100,000   | \$ 900,000     |
| LID projects                       | \$ 11,250    | \$ 11,250     | \$ 11,250    | \$ 11,250     | \$ 11,588     | \$ 11,935     | \$ 12,293    | \$ 12,662    | \$ 13,042    | \$ 13,433    | \$ 119,953     |
| Infra. Maintenance/Replacement     | \$ 25,000    | \$ 25,000     | \$ 25,000    | \$ 25,000     | \$ 50,000     | \$ 50,000     | \$ 50,000    | \$ 50,000    | \$ 50,000    | \$ 50,000    | \$ 400,000     |
| <b>Subtotal</b>                    | \$ 546,250   | \$ 841,250    | \$ 441,250   | \$ 441,250    | \$ 261,588    | \$ 486,935    | \$ 217,293   | \$ 487,662   | \$ 263,042   | \$ 293,433   | \$ 4,279,953   |
| <b>TOTAL</b>                       | \$ 1,491,250 | \$ 22,382,250 | \$ 9,505,250 | \$ 12,132,250 | \$ 53,653,588 | \$ 13,674,935 | \$ 5,769,293 | \$ 7,410,662 | \$ 6,977,042 | \$ 8,114,433 | \$ 141,110,953 |